

NZSecurity

October / November 2015



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Cases Expose
Major Gaps

**Removal of
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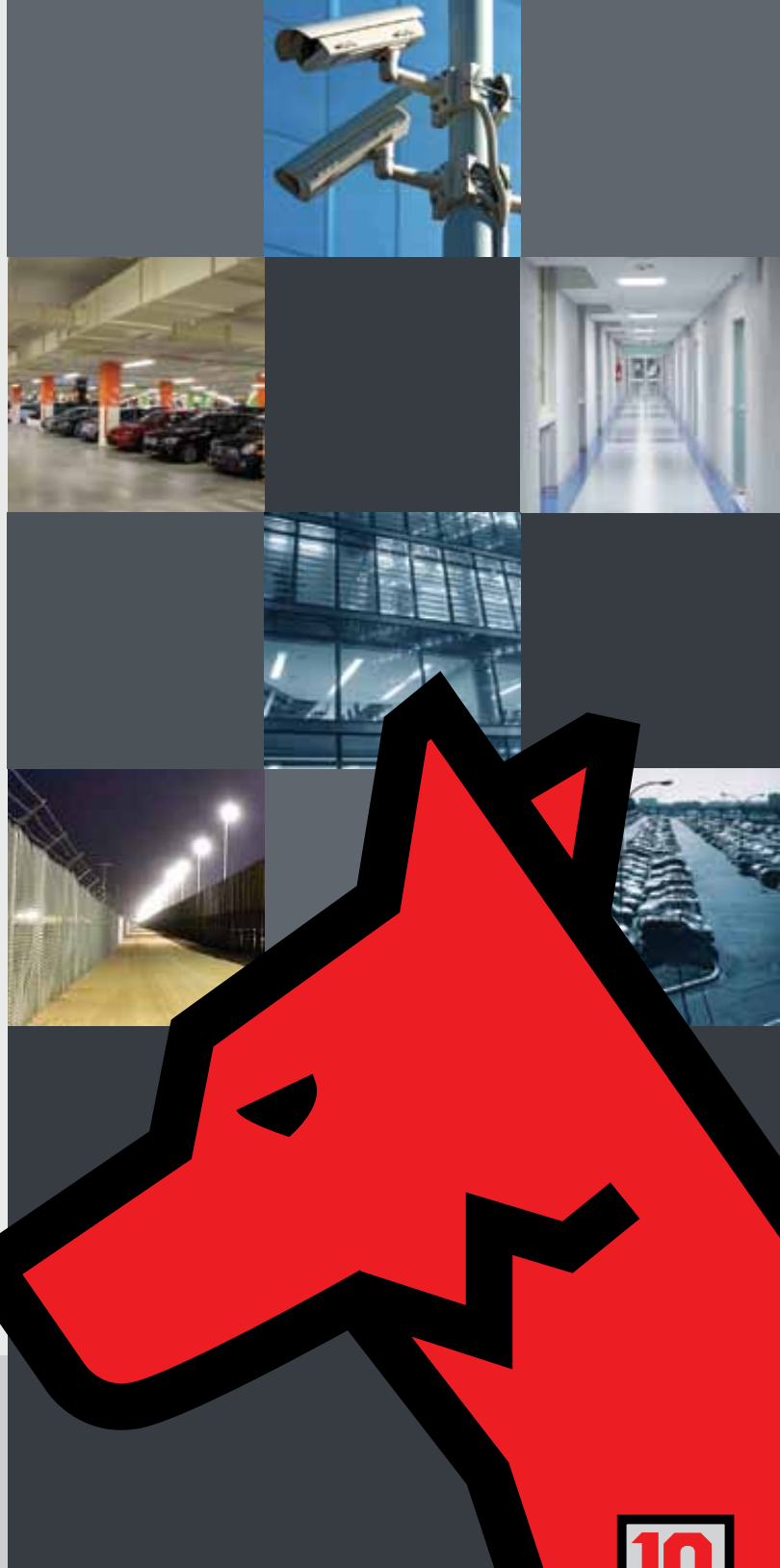
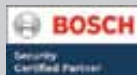
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The Sky is the limit

by Vlado Damjanovski

Simply and quietly

Back in 2008 something novel happened in our industry, which for most went unnoticed.

This historical occurrence was a little milestone in the CCTV industry: the SkyCity Casino in Darwin changed its old analogue 350+ camera system, based on the famous Maxpro MAX-1000 analogue matrix, to a digital system. This wasn't just a normal change; it was special because it was the first switchover from analogue matrix to digital network system without any downtime.

As most people would know, casinos are not allowed to operate without a surveillance system, by law. Hence, shutting down an analogue system and putting a digital in, whenever convenient to the installer, was not an option. SkyCity Casino requested switching from analogue to digital without any downtime. The existing system had to remain in place and operate until the new one was installed, using the same cameras.

This was a real challenge. The only way this could have been done was to have the old analogue system running in parallel with the new digital system

being put in place. This required some good installation practices and project management skills.

Each shift of operators was carefully trained on how the new digital system worked while remaining shifts did their normal duty with the old system. One of the advantages of going digital is that you can run a control room anywhere there is a network connection: simply just one Gigabit cable is sufficient, instead of hundreds of coaxial cables. Darwin's SkyCity Casino operator's kitchen area was converted into a temporary digital training room. Once all of the operators were proficient and comfortable in using the new system, it was decided to make the switch. It all happened one fine morning in 2008, at around 4am, when there were the least number of visitors to the casino. The good old analogue Maxpro MAX-1000, after so many years of dutiful service, was turned off and the new Dallmeier based digital system engaged. Simply and quietly, with the flick of a switch, and without anybody noticing on the gaming floor - history was made: a casino analogue matrix system was replaced with a digital network one.

The best in the industry

The company that organized all this was C.R.Kennedy, the Australian and New Zealand exclusive distributor of the high quality German brand Dallmeier, which is, without any doubt, one of the biggest names in the casino surveillance industry.

To date, Dallmeier International Ltd, through its joint venture with C.R.Kennedy, have commissioned over 20,000 camera systems running over IP networks in more than a dozen casinos in Macao, Singapore, the Philippines and South-East Asia. These casinos are some of the largest in the world -- like the Venetian and City Of Dreams -- with over 5,000 cameras each and well over 5 PB (1 Peta Byte = 1,000 TB) of storage, all running smoothly with multiple operators and the multi-redundant Dallmeier SeMSy management system. There are no analogue matrix switchers in these systems - all happens over IP networks. With nearly twenty years of experience, Dallmeier has been a pioneer in casino digital surveillance systems, commencing with Melbourne's Crown Casino in 1996.

The digital revolution is inevitable, with old analogue systems sooner or later having

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There are thousands of PTZ cameras in use today, however when video recorded evidence is required they are often found to be looking in the wrong direction.

Similarly there are hundreds of thousands of static cameras that might be looking in the right direction, however when reviewed and a digital zoom function is used, the images are too pixelated to get any relevant evidence.

With the **multifocal sensor technology** from Dallmeier these issues have been eradicated. The **multifocal sensor system Panomera®** was specially developed for the all-encompassing video surveillance of expansive areas. With **Panomera®**, huge widths, as well as areas with large distances can be displayed with a completely new resolution quality, in real time and at high frame rates of up to 30 fps.

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to be converted to digital. Existing casinos have either switched or are planning to switch to the IP based network matrix switching. Not only the analogue matrix is removed from the core of the system, but also analogue cameras are gradually replaced with HD IP cameras. All this change needs to be seamless.

This change is now happening with the SkyCity Casino group. With their head office in Auckland, the SkyCity Casino group owns six casinos, four in New Zealand and two in Australia.

Having a first-rate experience with Darwin's switch to digital, it is no wonder that the whole SkyCity group have chosen the proven system by Dallmeier.

Mr Bill Bonar, General Manager of Corporate Asset Protection & Surveillance for SkyCity Entertainment Group has the following to say about their choice of Dallmeier...

"There are thousands of CCTV exponents in the world today, however, Dallmeier and C.R.Kennedy have delivered outstanding support and service to my operations. Providing a product tailored to our unique environments involving thousands of cameras, innovative recording solutions, video analytics and end user simplicity – for me Dallmeier, supported by C.R.Kennedy, provide excellent turn-key solutions with ongoing support and service."

Dallmeier systems are guaranteed to run with exceptionally high up-time due to their careful redundant design. The hard disk redundancy is only one of the many redundant components. In a Dallmeier casino system, each recorder has a redundant power supply as well. Each power supply rail runs on a separate phase of a redundant UPS. Each SeMSy server has its own stand-by server and each network switch has a redundant path through redundant core switches.

Being able to guarantee the surveillance system continuous operation is what casinos are after. This is what Dallmeier systems deliver and this is why they are considered the best in the field.

The SkyCity group

The SkyCity Casino in Auckland, with over 3,000 cameras, is the largest casino in New Zealand and a most recognised landmark. Visitors to Auckland would know the SkyCity tower and the wonderful SkyCity restaurants and hotels around the casino, with their splendid conference rooms and exhibition venues. For many visitors the casino experience just adds to the overall superb service one may experience when visiting New Zealand.

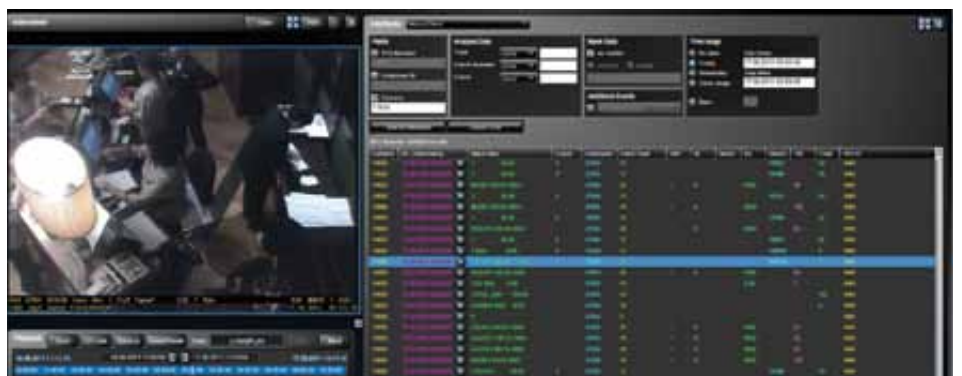


There are two smaller casinos within the SkyCity group in the picturesque town of Queenstown on the southern island, and one in Hamilton on the north island, just south of Auckland. All three casinos have chosen to go with Dallmeier SeMSy. Interestingly – a new innovation in the casino industry – all three casinos can be supported remotely from either Auckland or, in Queenstown, from one site to the other (supporting each other as a hot-standby).

The SkyCity casinos in New Zealand have also implemented numerous Dallmeier High Level Interfaces (HLIs) needed in the gaming industry. One of Dallmeier's strong points in casino surveillance systems is their HLIs to

various systems. For example, these HLIs connect the surveillance system to the AngelEye playing card monitoring system, improving control over the purity of each game, and minimizing casino losses due to scams. Each deck of cards is noted and counted individually, allowing the casino to overview all games and their outcomes.

Furthermore, there are HLIs to the Point Of Sales (POS) Micros system, Bally's Gaming Machines, Cardax access control and similar. All such interfaces have been integrated very securely into Dallmeier's SeMSy so that anything can be searched for at any time, even intelligent game analysis can be added if requested by the casino.





Not only IP video

Dallmeier casino surveillance systems are not only digital large scale IP systems but also become profit management tools, game video analysis tools, inventory tracking tools, people traffic analysis tools and building management tools, all in one. When more is needed, it is easily added to the Dallmeier SeMSy by way of using standard interface protocols, such as OPC or ONVIF.

The innovative ideas of the SkyCity management have initiated the development of an RFID card tracking system, which will integrate with Dallmeier SeMSy. This tracking system is an Australian development by Vision Technology Systems and will be implemented this year.

The SkyCity group from New Zealand also owns two casinos in Australia - SkyCity Darwin and SkyCity Adelaide.

SkyCity Darwin was converted to Dallmeier, as outlined above, about seven years ago. Since then, this casino's usage has grown to 525 cameras of which around 166 are HD IP. They have also added the AngelEye card tracking system, as well as interfaced to the Micros POS system.

Adelaide SkyCity followed suit in 2012 when it started slowly introducing Dallmeier recorders and IP cameras, while keeping the existing analogue as long as needed.

SkyCity Adelaide is an old casino, located in the top three floors of the historic Adelaide Central Railway Station.

SkyCity Adelaide previously had the old famous Maxpro analogue system that was taken over by Honeywell, but it was only a question of time when the support for the analogue system would cease, so that in 2012 they also decided to follow suit and slowly convert to digital. The Adelaide SkyCity Casino now has close to 1,000 cameras, of which over 80% are 1080 HD IP cameras.

Mr Geoff Stow, Surveillance Engineer at SkyCity Adelaide has the following to say about their crossover to IP with Dallmeier...

"I was very pleased with the professional approach taken with regard to the replacement of the previous recording system. We were able to maintain a fully operational Surveillance system during all parts of the change over without the loss of any major camera coverage. A decision was made to provide improved camera coverage throughout the Adelaide SkyCity Casino in conjunction with the building upgrades. As a result, new HD IP cameras were installed and we now have approximately 80% IP HD cameras operational, all of which are fully recorded on the Dallmeier recording system and available to all operators."

C.R.Kennedy has some very experienced technical people in all its offices throughout Australia and New Zealand. A number of them were involved in many of these projects, most notable of which were David Payne from the Sydney office, Trevor Joseph and Steve Maynard from the Queensland office, Nadir Sahiner and Paul Cafeo from the Melbourne office, and Gerard Emery, Amir Pirani and Duncan Cook from the Auckland office.

Dallmeier's continued assistance and support from Regensburg in Germany has been invaluable in providing the final touches with high-end technical commissioning. Continuous improvement of the SeMSy, cameras and recorders, as well as the ability to interface to third party systems – including ONVIF cameras – is an important part of the big picture Dallmeier paints in their business strategy.

Since the early days of SeMSy version 1, in Sands casino Macao in 2002, SeMSy has evolved into its third generation, with so much functionality that a casino operator will not find anything a casino requires not covered. Yet, the new SeMSy v.4, is just around the corner, pushing further boundaries in user friendliness and functionality, and I am sure it will lift some eye-browses.

As their logo states, Dallmeier ensures that their customers will... 'see more than others' and from novel events in 2008 to today's requirements, they continue to do so.



Document fraud cases expose major gaps

A spate of high profile fraud cases in New Zealand in recent months have highlighted major gaps in the document vetting processes of organisations in the health, financial and other sectors. Document fraud costs the economy millions, and results in the gaining of entitlements – such as jobs, mortgages, visa applications and identity documents – by people who would otherwise not qualify for them.

There was the recent case of a psychiatrist who turned out to be a fraud, which resulted in the Waikato District Health Board's mental health services being formally inspected under Mental Health Act provisions. The alleged fraudster worked as a psychiatrist in the DHB for six months this year, allegedly under another doctor's identity.

Then, in early September, the jury in a long-running Serious Fraud Office (SFO) case found a woman guilty of 10 charges under Section 228 of the Crimes Act. Vicki Ravana Letele and an associate, Ramni Kumar, had used fake documents to get mortgage finance for low-income families who wouldn't otherwise have been able to get finance. Letele has been remanded on bail and will be sentenced on 3 November.

With massive investments being made in information security and fraud detection and prevention in cyberspace, has vigilance against old-fashioned document fraud gone by the wayside? Indeed, is it a mistake to consider old-fashioned document fraud as, well, old-fashioned? To these and other questions, *New Zealand Security Magazine* sought

answers from senior forensic document examiner Tonya Trubshoe.

New Zealand born and raised, Tonya has held positions within the Australian Immigration Department and the Queensland Police Service. She is now with Perth-based Document Examination Solutions and is also a lead subject matter expert at the Canberra Institute of Technology. Posted overseas as an Australian diplomat, she has worked extensively throughout South East Asia, with a strong focus on the Philippines, Thailand, Vietnam, Cambodia and Laos.

NZSM: Are there gaps in levels of document examination skills/ qualifications among officials responsible for checking documents in government and the education and health systems?

Tonya: Yes, and there are a number of elements that combine to create those gaps. The approach for organisations responsible for the examination of documents should be considered as being at three levels: detection, confirmation, forensic. If a 'one shoe fits all' approach is taken and there is no definition of a tiered responsibility, it can create uncertainty and inefficiencies.

At each level, specific training and development is required and this is regularly not addressed. In addition, whether training is or is not provided, evaluations of assessors' actual capabilities are rarely made, and where circumstances identify that an assessor is lacking certain competencies, there is little or no consequence.



Tonya Trubshoe is a senior forensic document examiner for Document Examination Solutions

These are management issues around building, maintaining and compassionately challenging the skills of those examining documents, at the various levels that exist.

NZSM: How has the use of electronic document transmission (eg. emailing files) impacted on the document fraud landscape?

Tonya: The manipulation of information on documents by electronic means is both common and extensive; people with just moderate computer skills can alter information on documents.

Electronic document submissions create efficiencies, but this is to some degree at the expense of integrity. Where electronic submission of identity and

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other documents is the accepted business practice, it creates significant challenge for organisations to ensure they have strategies in place to mitigate the inherent risks that present.

The move away from original documents to electronic submissions creates the need for a completely new approach to document assessments, procedures, and management of the assessment process. Different skills are required by assessors, however it should not be lost that even when dealing with documents submitted electronically, an understanding of original document production and security features remains critical.

The expectation of the applicant and the standard of the submitted documents must be well defined. This can include the minimum standards of resolution, file sizes, whether the documents are certified. If this is not an element of the process, then there is a greater opportunity for fraudulent documents to remain undetected, or undetectable.

NZSM: How easy is it to manufacture or otherwise get one's hands on a fraudulent document, such as a drivers licence, passport, educational qualifications, references, etc?

Tonya: It is not surprising that with advancements in printing technology, in particular digital printing technology, there is the opportunity to pictorially reproduce almost any document with relative ease, and on face value, some of these documents will appear authentic.

Organised crime syndicates have access to sophisticated resources to produce what is often referred to as 'high quality' counterfeit and fraudulent documents, and whilst these documents may appear high quality, a competent assessment of the security features will reveal that they are not. The quality of the fraudulent or counterfeit document determines the ease by which it can be acquired, and is most often directly proportionate to the price paid.

In addition to manufacturing their own fraudulent documents, or purchasing them through other means, the method of using genuine documents fraudulently is also commonly employed. The most common methods for acquiring fraudulently obtained documents include taking on the identity of a genuine document holder as an imposter, or acquiring new genuine documents through the use of fraudulent or counterfeit breeder documents. Biometric systems are currently being researched

and introduced that will reduce the ability for documents to be obtained in this way.

NZSM: What types of documents are the most targeted by fraudsters?

Tonya: Circumstances usually dictate the documents that are targeted. High value secure documents such as passports, identity cards, birth certificates and drivers licences are regularly targeted as a means of creating or assuming an identity for fraudulent purposes.

Importantly, these documents are being presented across a broad spectrum of industries and do not always need to be of the highest standard to avoid detection. Equally, documents such as educational qualifications, references or those that define particular skills or knowledge can be created or altered for other more personal means. In the end, any document can be potentially fraudulent if it is being used to contribute to an application, process or claim.

NZSM: Are applications for things like bank loans, bank accounts, driver licences, university enrolment and employment routinely subject to forensic document examination by issuing/approving organisations? Do they have protocols in place that may result in a document being referred for examination?

Tonya: There is more visible acknowledgement of the risks associated with the acceptance of fraudulent documents, and whilst some organisations have sound referral processes in place, many do not. There are numerous recent examples of agencies acknowledging deficiencies not only in their skill level to conduct an initial assessment, but also in their mechanisms to respond when issues are identified.

Forensic Document Examination is a field of expertise not often employed in-house by organisations outside of police services and immigration and border agencies. Where organisations do not have their own qualified examiners, private document examination consultants are engaged. Depending on the nature of the organisation, the protocols they have in place, and the risk analysis undertaken on accepting/missing fraud in their processes, referral for forensic document examination may or may not occur.

NZSM: Where are the major gaps in our understanding of document fraud?

Tonya: There is a lack of awareness of just how much fraud a front-line or referral officer can detect, if properly trained and supported. Often the belief is that the fraud is "high quality" and therefore organisations do not have confidence that they will be able to detect the documents of concern.

The reverse can also be said for electronic documents where it is believed that very little can be assessed because the documents are "low quality". Both scenarios can result in less emphasis being placed on the assessment of documents within the organisation's processes.

Understanding the foundations of document assessment and fraud is also a gap that should be reviewed and included in training for document assessors. Knowing the core issues of document fraud is essential for understanding where document assessments fit in the bigger picture, however it is usually the first component to be removed in a training course when time is at a premium.

More holistically, as technology advances, automated means of validation or verification of a person's identity will become achievable through biometric identifiers and interagency verification means, however this substantially remains a work in progress. In the current world, these technologies do not replace physical documents, which is why there remains such a strong international investment in emerging document security measures.

Documents will remain a foundation pillar in establishing the identity or other information about a person for many years to come, so it is critical that organisations are both skilled and resourced to respond to the question of whether documents presented are real or not.

NZSM: Where are the major gaps in training and detection?

Tonya: Training must be considered an investment, not only introductory training but also the maintenance and advancement of the acquired skills. Probably the most major of gaps comes where organisations have no training or it is kept to a minimum. Addressing maintenance and advancement of skills is rare.

Time needs to be invested in developing the skills of document assessors, and appropriate material covered ie. providing foundation understanding of document fraud, manufacture and examination of original documents, and examination techniques for non-original documents etc.

4K

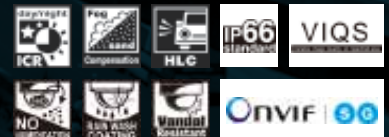
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Red Wolf

setting new industry standards

In the space of a decade, Wellington-based Red Wolf Group has become a New Zealand industry leader in high-level security solutions. True to its founding strategy of setting new standards of excellence in the security industry, its solutions are now found the world over.

New Zealand Security Magazine recently chatted with Red Wolf's managing director, Tony Patmore, to find out about what's currently keeping the company busy, and just what's behind its impressive list of projects and its seemingly unstoppable upward trajectory.

Specialising in electronic security solution design, installation and asset management, security network operations centre services, systems monitoring, outsourced systems management services, and security consulting, Red Wolf hit the scene in 2005. It now partners in all sectors – government, corporate, commercial and residential – and boasts the most secure monitoring centre and one of the biggest CCTV installation teams in the country.

Security network operations centre

Having been built to Australian and New Zealand standards, Red Wolf's 'Grade A' monitoring station is a surveillance fortress. "It's a concrete bunker basically," says Tony, "even the ceiling is concrete."

Boasting eight 60-inch screens, operator chairs with a further eight screens, separate server room, generator backup, kitchen and toilet facilities, bullet proof doors and man trap, the centre also has a 70-hour supply of foodstuffs – just in case.

"We've been told it's the most secure monitoring centre in the country," Tony explains. "It's the only one that is built to government SCIF standards so we're able to monitor government facilities requiring high levels of security." The centre is in turn monitored by a similarly graded New Zealand-based facility, so if something goes wrong someone else will know about it.

Manned 24/7, the centre monitors intruder alarms, CCTV systems and intercoms for central and local government, corporate and some residential clients. Standard Operating



Systems drawn up with each individual client means that response actions are client, asset and situation-specific. This ensures that responses are tailored to the client and their expectations.

Intelligent people and systems

According to Tony, Red Wolf's approach to recruiting talent for their monitoring station is somewhat different to most. "We pay more and in turn recruit a higher caliber of operator", says Tony. "The software tells them what the SOPs dictate, but you've got a whole lot of things happening at once so you're wanting operators at a higher level with an analytical nature."

Higher qualified operators also mean better communication with first responders when an incident happens. "We may have to stay on the line and help put the services in the right direction because we might still be able to see the intruders on the CCTV," he explains. In the confusion and ambiguity that often surrounds an unfolding security incident, having the sharpest operators in the business makes all the difference.

Video analytics also provide real-time surveillance intelligence with IP intercom solutions as part of their overall CCTV systems, Red Wolf operators are able to provide immediate remote response. According to Tony, this provides an immediate remote intervention capability. "If someone is vandalising a premises, we could ask them to look up and get a good snapshot of them."

Keeping lone workers safe

The Red Wolf monitoring centre also integrates with the company's lone worker device, which can be deployed as a mobile device app or as proprietary piece of hardware. It's a solution that has won over a number of clients, including those with remote facilities, health workers, district nurses, probation officers and mobile bank mortgage managers.

Mobile mortgage managers, for example, face risks each time they are sent into a residential environment. In the case they are threatened, the device provides two-way communications with the monitoring station. This allows operators to hear what's going on without the other party knowing, and potentially to dispatch police, guards or first aid responders if necessary.

The device also has fall detection, so if a worker has a fall they get an opportunity to press a button to confirm that they're okay. "If we don't get a button to cancel the notification," explains Tony, "we can dispatch based on that client's SOPs."

For those in low risk sectors, the mobile app deployment of the lone worker device is sufficient, but for those facing higher risks a specialised piece of hardware is relied upon. It's all about maximising worker safety. "With new health and safety legislation there is the likelihood of more liability being placed on directors," states Tony. "You can look after your employees a bit better, if you give them a bit of kit to protect them when sending them out by themselves."

Bureau high level monitoring

Red Wolf's bureau high level monitoring service provides monitoring services on behalf of another operator. According to Tony, it's not currently a big part of what they do, but may well be in years to come. "We've got some specialty equipment, which appeals to prospective clients, including the user interfaces they can use for our monitoring station." And it's in the software where the Red Wolf point of difference is.



"Our monitoring software is different to most in that with our software we can give bureaus a connection through which they can test their own sites, and bring sites online themselves, which saves them a lot of time. It's got some real benefits to people bringing over the bureau connections, and we have special rates depending on what they're bringing over." The other advantage is that Red Wolf can provide CCTV monitoring for providers who are unable to.

The Red Wolf difference

Perhaps it's in the company that Red Wolf keeps that really demonstrates its credentials. The company is a Gallagher channel partner, and boasts the most Gallaghers/Cardax certified engineers in the country. As a Bosch certified partner and IP expert, Red Wolf sells and services plenty of high level Bosch solutions.

"We have one of the higher-level tech teams in the country, and are ISO9001 certified," says Tony. "We spend a lot of money on training, so our guys get very well trained, and we do a lot of research and development, which makes us the 'go-to' people."

National and international reach is also an attribute that sets this local player apart. "We have one of the biggest installation teams in New Zealand, and we do some specialised monitoring overseas as well, so we're not just Wellington based," Tony points out. "We monitor all around the country, including those we install and also those that already have an existing CCTV system."

But at the end of the day, he suggests, it's all about results. "A lot of our clients come to us because they ask us to do something and we make it happen and it goes away for them... we remove the hassle. We do a lot of complex high-end work for discerning clients, and from a manager's point of view we resolve issues so they can move on."

"One of our goals is to be the best security company in New Zealand – not the biggest, but the best at what we do." Tony says there's still some way to go to achieve this, but the feedback they're receiving from clients and supply partners suggests that they're well on their way. And at the milestone age of ten years young, Red Wolf appears as hungry as ever to make good on its founding strategy of setting new standards.

For more information on Red Wolf's solutions
visit www.redwolf.net.nz



RED WOLF
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Good advice may help you avoid problems

There is an old saying, often quoted in elementary sales training, assume nothing, because to assume, makes an ASS out of U and ME

As with many situations it is always advisable to get the right advice on what product to use. Most people who have been in this industry for some years will know instinctively which product will be most suitable in a particular application. However there are always traps for the unwary.

The majority of electric locks have been developed for use on weather protected doors and some have had minor changes to make them suitable for use in more exposed environments. It is going too far though to assume that because a lock is housed in stainless steel, it can be safely used outside. For outdoor applications, it is mandatory to install a lock which is purpose designed for those environments and an IP rating will often give a good guide to the lock's suitability.

The team at Loktronic, as the name suggests, specialises in electric locking hardware, accessories and ancillary equipment such as power supplies, cabinets and the like. They welcome your call for advice on choosing the right product for the job. As a thought starter, here are their three hot picks.

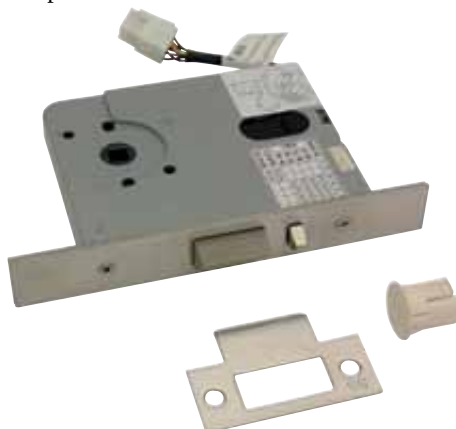
Having stocked and sold the FSH model 1260 lock they find it to have been well received and largely trouble free. The big pluses of this lock are that it not only has a direct gear drive but also both door and lock status monitors. Being available with a choice of two faceplate styles is an added bonus; a square edge model, VE1260-S, which is a drop in replacement for the V-Lock, and a shorter, round edge model, VE1260-R, which has its own custom housing for surface mounting.

For ease of direct installation onto frameless glass doors, Loktronic stocks the VE1260-R housing pre-fitted with VHB double sided tape. The team say that it has been a pleasure to sell this product range which has not had the problems which have plagued alternative products.



SH model 1260

Another hot pick, again from the FSH stable is the FEL990M electric mortice lock. Stocked with a standard 60mm backset, options include 70mm, 89mm, and 127mm backsets. This is fully optioned lock and is supplied as standard with the following field selectable choices, Vestibule or Combination functions, Fail Safe or Fail Secure modes, Left or Right handing and key override. Full monitoring encompasses 5 separate features:



FEL990M electric mortice lock

1. Door Status
2. Comprehensive three way Lock Status of Hub/Handle/s locked, Deadlatching Bolt, and Latchbolt
3. Dual Key Override
4. REX
5. Furniture LED indication



The third pick for this month is the Meanwell range of DIN rail DC power supplies and Loktronic has a huge range to choose from. The 12 VDC models come with outputs of 1.67A, 3.33A, 5A and 7.5A while the 24 VDC models have outputs of 1A, 1.7A, 2.5A and 4A. A supplementary range is stocked with both load and battery charge outputs, these being 12VDC 1.9A load + 1A battery charge, 12VDC 2.8A + 1.5A, 12VDC 4.5A + 2.5A; 24VDC .95A + .5A, 24VDC 1.4A + .75A, and 24VDC 2.25A + 1.25A

Other battery charging modules from the ViTech range complement the offering together with a custom range of cabinets.

The Loktronic team await your inquiries

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MEM2400LP



- Suits low door height or narrow profile frames
- High holding force up to 1000kg
- Releases with up to 70kg of side pressure; early warning alarm
- Supplied with anti-tamper bracket
- 12/24 VDC, low power consumption
- 4 hour fire rated
- Lock Status & Door Status Sensors

MEM2400LED-LZ

- Features as for MEM2400LP with L/Z Bracket for inward opening doors

FES20M



- High security stainless steel strike rated up to 1490kg holding strength
- Quick and easy Power to Lock/Power to Open interchange
- Mounting kit with adaptor tabs
- 12VDC 220mA; 24 VDC 120mA; 36 VDC 80mA
- Door, Lock & Frame status monitors
- Pre-drilled for extension lips, 25mm & 50mm available

FES 10 and FES 10M



- Stainless steel faceplate & keeper rated up to 1300 kg holding strength
- FES 10 is IP56 rated
- Dual voltage capable; 12VDC 200mA, 24VDC 100mA
- Pre-drilled for extension lips, 25mm and 50mm available
- FES 10M has door latch monitor

VE1260



- High security, 1000 kg holding force, 35kg pre-load capability
- Accepts 12-30 VDC
- Door status & Lock status monitors
- Square & radius edge models
- Pre-taped glass door housing available for radius edge version
- Special strike plate caters for up to 12mm door misalignment

FEL990M



- Multi-functional and field changeable
- Vestibule or combination
- Fail Safe/Fail Secure
- 12/24 VDC
- Left or Right hand
- Key override
- Monitors: Door, Lock, Key & REX

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Collision course trespass and railway security

Rail Safety Week 2015 was staged between 10 and 16 August, with its theme of 'Expect Trains' aiming to address complacency and distraction among motorists and pedestrians at level crossings. The week is an annual Australasian-wide initiative in which rail operators and other organisations come together to raise awareness about rail safety and encourage safe behaviour around trains and tracks.

According to KiwiRail Chief Executive Peter Reidy, this year's campaign was aimed at reducing incidents and preventing harm. "Every year people die in preventable accidents on railway tracks. We are reminding people that their own awareness and responsible behaviour is the key to keeping themselves and their children safe around railway tracks."

The leading cause of public railway deaths both here and around the world is trespassers struck by trains. Since 2000, 147 people have died in New Zealand while trespassing on railway tracks. This year there have been 267 reported incidents of trespassing. Of these, 29 were recorded as near collisions and six were collisions (resulting in four deaths and one serious injury).



Four deaths and one serious injury... the moral being if you get hit by a train, you're unlikely to survive.

Despite the obvious dangers and fines of up to \$10,000 if convicted under the Railways Act 2005 of trespass, people continue to wander onto rail property. And with rail services increasing, and trains becoming quieter, the risks to trespassers are increasing.

Last year there were 418 reported incidents of trespassing on the rail corridor nationwide, an increase of 103 on 2013. A number of these involved young thrill-seekers keen to film and share footage of themselves performing illegal, dangerous and downright stupid acts.

The limitations of perimeter fencing

"While KiwiRail's goal is to have no-one trespassing on our network," says KiwiRail Security and Corridor Manager Frazer Tweedie, "there are many challenges we face to achieve this." Not least of these challenges is that the rail network is impractical to totally secure due to its sheer length: 4,000km of track, which means 8,000km of boundaries.

With so much track, there is a need to have regular points of access across it, and this is provided by more than 1,300 public level crossings, 650 pedestrian crossings and nearly 2000 private level crossings. Tweedie admits that KiwiRail land "sometimes

provides an attractive short cut where the rail network provides a direct route from A-B and the safe, legal alternative is considerably longer.”

“When tackling trespass in more difficult spots we work in close partnership with our immediate neighbours and the wider local community to address the problem - we find the safety outcome is improved when those living in the area develop the solution. To do this, KiwiRail works with a variety of people including local councilors, road safety coordinators and schools.

According to Tweedle, most rail in high-density urban areas is fenced, but there are plenty of unfenced sections of the network that cause no concerns. Securing the perimeter is not the answer in most cases, and there are other strategies that can be used to target trespassers.

“At times, introducing fencing combined with anti-trespass signage is necessary - usually this reduces trespass effectively,” he suggests. “However where high trespass areas are identified, and the fencing is cut, other measures are introduced.” These can include using CCTV to identify offenders or increasing police patrols in the area.

In March this year, for example, police scanned CCTV footage in an attempt to identify two teenage males caught on camera hanging off the back of a commuter train. The ‘train surfers’ had been noticed by a passenger in a car on Eastern Hutt Road in Upper Hutt. Given the boys were on a moving train, the likelihood of them being caught on CCTV surveillance footage was high. Trespassers entering railway property on foot are less likely to be noticed.

Rail land is excluded from the Fencing Act 1978 so KiwiRail is not obliged to invest in fencing, but Government funding is allocated each year for public good activities, which is used, among other things, to introduce more fencing in public areas. KiwiRail works with local councils, developers and tenants to develop safe pedestrian access and to maximise safety along adjoining properties.

Deterrence through education

To achieve better safety with a limited budget, says Tweedle, KiwiRail prefers to invest in sustainable measures such as the educational initiatives undertaken by TrackSAFE NZ (www.tracksafe.co.nz) - a non-profit charity that promotes rail safety and anti-trespass messages.

“The most effective way of deterring trespassers is through education focusing on safe behaviour around the rail network, and raising awareness of the risks and consequences,” says Tweedle, who adds that KiwiRail is the major sponsor of TrackSAFE NZ.

“The key safety message the rail community is working to get the public to be aware of is ‘Expect trains, at any time from either direction’; and TrackSAFE communicates to the NZ public that the only safe, and legal, point that someone can cross railway tracks is at a designated level crossing.

The charity also educates the media to avoid filming or photographing on railway tracks, and actively encourages immediate removal of images published of people on tracks. It aims, he says, to avoid glamorising such behaviours and to prevent copycat incidents that might put people’s lives at risk.

Apart from being a major force behind Rail Safety Week, Tweedle adds that KiwiRail is also a member of the Australian Rail Association, and it actively participates in the association’s various safety groups. “We respond quickly to new areas of trespass as they arise.”

KiwiRail encourages anyone who is aware of trespass occurring on the network to contact kiwirail@kiwirail.co.nz.

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Gate automation just got a whole lot easier

Withington Electrical Ltd commenced operations as an electrical contracting firm in 2000. Fifteen years later, the Lower Hutt-based outfit has evolved from its strong engineering and mechanical roots to become a leading specialist in electric gate automation at the high end.

“With our many years experience,” says director Simon Withington, “we understand that our customers insist upon quality, value for money, and reliability.” And insist on quality they do. Withington Electrical counts among its clientele correctional facilities, the New Zealand Police and a host of foreign embassies.

It’s no wonder then that the company’s product line-up is all quality. Withington Electrical is the distributor and service agent for Italian standard-bearer BFT in the Wellington region. Withington also design and manufacture components and control units in-house for its discerning residential, commercial, industrial and government clients.

But it’s in its just released line-up of multipurpose remote controls and outdoor rated wireless keypads, where Withington has taken automation to a whole new level.

Multipurpose remotes

Withington’s multipurpose Rolling Code remote control is compatible with a wide variety of major gate automation brands, which, says Simon, “makes it easy when going to site that there is a good chance these remotes will do the job.” It’s a handy piece of kit for those within the autogate industry in particular, and makes servicing a little easier.

All the remotes come set standard for BFT, and, says Simon, “it’s just a matter of selecting the brand you wish to copy via dip switches in the back of the remote, and you’re away.” The brands that may be covered with just the one remote include: BFT, Nice, Aprimatic, DEA, Benninca, FAAC, G&D, Erreka, Fox, Pujol, Liftmaster, Chamberlain, Roger, Kingate, Came, Prastel, Ditec, Proteco, Centurion, Key, and several more.

The multipurpose remotes come in two types: one covering frequencies of 300MHZ to 868MHZ and the other for 433MHZ only. According to Simon, these remotes also work on certain garage door motors like early Dominator, Merlin/Chamberlain and B&D.





Withington also stocks receivers that cover all the brands their remotes do. "If you have say a Centurion or FAAC gate and a customer wants to use a spare button on a remote for something else, such as a garage door, then you can."

Their two-channel receivers are suitable for automatic gates and doors or anything else requiring remotely control. They have a transmit frequency of 433.92MHZ and are any voltage up to 24v AC or DC.

Completing the picture, Withington also has a range of outdoor rated wireless keypads, which, can talk to all the brands that their remotes do. They're weather proof, robust and UV stabilized, and very easy to programme and set up, with rolling code wireless communication for higher security. As Simon suggests, "use our remote controls to also communicate with the receiver for a complete access package."

Gate controllers evolve

Withington's speed drive controllers are being updated with a new model that has greater logic capacity, which means, says Simon, "I've been able to add a couple of features, which wasn't possible with the old Teco CV Drives." The software has been written and tested and will become standard for all Withington's motors.

"The other exiting thing is that I've been testing the new Elsema gate controllers, and I've found one to be particularly suited for controlling variable speed drives." This controller provides for a range of features that would find good application in contexts like correctional facilities, and it is extremely easy to set up. "I can use them to control two gates by parting sliding gates' master and slave motors, or for controlling a pair of my HSGA swing gates."

According to Simon, these developments reflect the advantage of being a small company. "I can get a feel for my customers' needs and continue to update and improve my products," he points out. Having been personally involved at the forefront of gate automation for the past 20 years, his understanding of his customers and their needs is second to none.

Providing the whole package

Withington Electrical's qualified technicians can design and install a new automation system from start to finish - from initial system design, through to trenching and cabling, to replacement gate and barrier arm installation. They then run a series of tests and checks to ensure the system runs perfectly, every time.

To ensure things keep running smoothly, the company offers testing, servicing and repairs for all gates and barrier arms and associated electronic systems and components. "No matter what brand, or who they were previously installed or serviced by, we can get your gates up and running, and keep them up and running."

This is where the Withington Electrical offering really comes to the fore. For the automation company that started out life as an electrical contractor, the design, manufacture and care of components is what they do... it's in their blood.

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These swing gates are part of the Government House refurbishment

We design and manufacture all our automation products in Wellington, but pride ourselves on our installation and service anywhere in New Zealand. For more information and trade enquires contact:

Simon on 0274 488 506 or visit www.highspeedgateautomation.com

Not safe, not working health and safety at work

July 24th saw the conclusion of the inquest into the death of Charanpreet Dhaliwal. The young security guard was killed in 2011 when, on his first night of part-time work, he was attacked while guarding a West Auckland construction site.

Much of the blame for the tragedy has been leveled at a lack of training and gaping holes in workplace health and safety within the security industry... holes that continue to exist. Greg Watts, then executive director of the New Zealand Security Association (NZSA) was recently reported in the press as saying that it's only a matter of time before there is another tragedy.

Mr Watts said at least 300 other companies, or one fifth of licensed security firms, operate along similar lines to Dhaliwal's employer, CNE Security. "There's many situations being mirrored around New Zealand, so this is not an isolated incident," he stated.

He had been appealing for tougher regulations making it mandatory for all operators to follow a code of practice to ensure guards had proper training and equipment. "I've raised this now for the past four years with various ministers and we certainly don't have regulations to date."

New Health & Safety at Work legislation the answer?

Recently passed by Parliament, the Health and Safety Reform Bill will be called the Health and Safety at Work Act when it comes into effect on 4 April 2016. In the meantime, a series of regulations are being developed to support the new Act in areas including: general risk and workplace management, Major Hazard Facilities, asbestos, and engagement, worker participation and representation.

Labour MP Phil Twyford used the last day of the Dhaliwal inquest to attack the Bill, stating "the killing of a security guard on his first night on the job is exactly the kind of incident that National's watered-down health and safety bill won't prevent." The target of Mr Twyford's attack was a provision in the Bill that exempts businesses with fewer than 20 employees from the requirement to have an elected health and safety representative.

According to Mr Twyford, this provision would have exempted the security company that had employed the young guard on the night of his death. "The right to elect a health and safety rep is not some kind of nice-to-have," he continued. "They have the legal right to investigate safety issues, raise issues with the boss, enter and inspect a workplace, and call in an inspector."

Changes to the Bill negotiated by United Future Leader Peter Dunne, however, will require that all workplaces in 'high-risk' industries, regardless of numbers of employees, elect Health and Safety representatives. High risk sectors or industries would be defined in statutory regulations reviewed every three to five years to ensure their currency, and would include:

- Any industry that carries the risk of a catastrophic event;
- Any industry that has had a fatality rate greater than 25 per 100,000 workers since 2008;
- Any industry that has had a serious injury rate of more than 25 per 1,000 workers since 2008.

The Government's proposed list, which identifies 57 extremely high and high-risk industries, includes industries such as oil and gas extraction, rail freight transport, scenic and sightseeing transport, and forestry and logging. It's a list that its detractors have attacked as the arbitrary result of political deal making.

For one thing, the security industry doesn't appear to meet the requirements to be deemed 'high risk'. Worm farming, lavender farming, cat breeding and mini golf, on the other hand, do.

Workplace Relations Minister Michael Woodhouse, who along with Mr Dunne was an architect of the high risk definition, has been reported in the media as having acknowledged that the criteria has produced some unintended results. Some of these will no doubt be remedied, but until regulations are finalised there's no way of knowing exactly what backdowns may be in store.

Big gaps remain in security workplace safety

According to Mr Watts, the Health and Safety at Work Act will do little to improve safety within the security industry. "Given the diverse nature of workplaces within the security industry," he comments, "specific health and safety provisions under security legislation is what's required to adequately address the unique challenges of health and safety in the industry."

That the security industry doesn't appear to be included in the government's proposed list of high risk industries seems somewhat strange to Mr Watts. "Security personnel, particularly those conducting security patrols, crowd control and door security, face levels of risk that are in excess of many other occupations," he points out.

There are no health and safety guidelines written specifically for the security industry, which is why, suggests Mr Watts, the industry needs some form of regulation. He points to the fact that there are still many bars and clubs that use unlicensed and untrained door staff, due to a grey area in the PSPLA act. It's a grey area that places inadequately trained employees out of their depth and in potentially threatening situations.

For these reasons, he says, "I stand by the comments that I made in the media at the time of the inquest findings, unfortunately it's only a matter of time before a similar incident occurs again."

Once the new Health and Safety at Work regulations are finalised, WorkSafe will issue formal guidance to support the Act and regulations. This formal guidance will start to become available in 2016.

In the meantime WorkSafe is also developing information on the new legislation to help businesses prepare. They suggest that businesses find out about the key concepts of the legislation, review their health and safety practices, identify health and safety risks and take steps to prevent these from causing harm, and make health and safety part of their workplace culture.

Survey suggests Kiwis believe New Zealand becoming less safe

The word on the street is that New Zealand is becoming more dangerous, with over a third of us having been burgled, and many battling long-term psychological damage following a break-in, according to new research by Vivint.

The survey found that two-thirds, or 68 percent, of respondents believe living in New Zealand is less safe and burglaries have a long-term negative impact on their victims.

Of those respondents who said they had been burgled, more than a fifth (21 percent) said that it took them 'some time' to feel safe again following the crime. More than 220,000 New Zealanders said they have never been able to feel secure in their house again.

For many, a burglary continues to impact on them years down the track and even after moving away from the site of the burglary, with over one-third (38 percent) of these admitting they have never felt safe in any other house following the incident. It's a poor report card in relation to the general sense of security within New Zealand's suburbs.

However, despite our growing concerns over safety, New Zealanders tend to take a blasé approach to home security. Around six out of ten respondents said they do not have a home security system installed in their current home, and a further 17 percent have a home security system but do not always turn it on when they leave the house.

Many of those surveyed said they still only take basic security measures at night, with two-thirds saying that if they're at home after dark they'll tend to do nothing more than lock their doors and windows. More than 300,000 respondents admitted that they usually don't even lock up at all, day or night.

A more safety-conscious 29% say they always lock doors and windows when they are at home, regardless of the time of day, which is something that Vivint general manager Marsden Hulme says is becoming more common following reports of daytime break-ins. "During my experience in the police force, we often came across situations where thieves had capitalised on an open front door, bedroom window or garage door.

"This is particularly common if high-value items are in a position where they are easy to spot, such as laptops, smartphones, cameras, tools and jewellery left in plain sight and close to unsecured doors and windows."

Hulme comments that it's hard to overestimate the feeling of being safe in your home, or knowing your valuable possessions are safe when you are not home. According to the responses to this survey, however, and despite New Zealand's relatively low rates of theft relative to other jurisdictions such as Australia and the US, it appears that the feeling of being safe in one's home is fast becoming a thing of the past.



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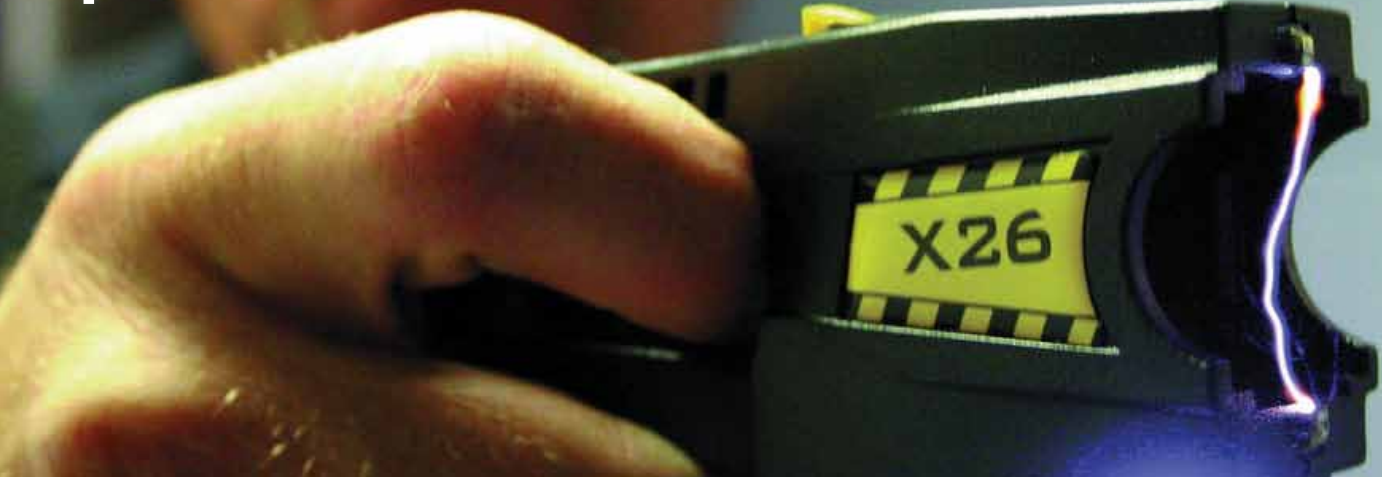
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Controversy surrounds police taser announcement



On the morning of 31 July, New Zealand Police Commissioner Mike Bush announced that all level one police responders will routinely carry Tasers. It was a decision, he stated on his commissioner's blog, which was "based on feedback from frontline staff and an extensive review of the use of Tasers since they became available to staff in March 2010."

But the move was immediately met with criticism and controversy. News reports suggested that Police Minister Michael Woodhouse had been taken unaware by the announcement. A press release from his office later that day, however, welcomed it, calling the Taser rollout "an important step to help ensure the safety of both the community and our frontline officers."



New Zealand Police Commissioner Mike Bush

Why Tasers?

According to NZ Police's Ten One magazine, the measure follows several months of detailed consideration by police top brass and is informed by an extensive review of the use of Tasers since they were made available to frontline staff more than five years ago.

The police data suggests that Taser is extremely safe and effective compared with other tactical options. Official crime statistics show a 34.7 percent decline in injury-causing assaults on police officers between 2010 and 2014.

According to the Police, in the majority of cases, simply showing or presenting a Taser is sufficient to de-escalate violent and threatening situations. Police Tactical Options Reporting data shows that during the more than 30,000 reported incidents attended by police officers, the devices were discharged only once for every nine times they were shown or presented.

There are plenty of examples, says the Commissioner, where Tasers have provided a life-saving alternative to a firearm. "The subject injury rate for Taser is just over one percent," he wrote in his blog, "much lower than for other tactical options such as the ASP baton and OC spray." It is a preferred option to resorting to the use of firearms, which, he comments, remains a last resort.

The change will increase the Police's current cache of 1,000 Tasers by 400-600 new units to be purchased from within Police's current budget. According to executive director of the New

Zealand Security Association (NZSA) Greg Watts, the Taser roll out doesn't substantively change things. "Police have already had access to Tasers for some time," says Watts. "The recent change merely makes tasers more accessible to police officers, effectively making them a side arm."

The debate

The Police Association has come out strongly in favour of the announcement. According to Association President Greg O'Connor, the Taser announcement "is a courageous, sensible and timely decision by the Commissioner, and acknowledges the realities of modern policing, where police face a generation of offenders who are prepared to 'have a go' when confronting police officers."

To back this up, a Police Association media release quotes a recent Nielsen survey that found 73% of the New Zealand public agreed that police officers should be permitted to carry Tasers at all times.

But there are plenty of people opposed to the change. Human rights lawyer Michael Kidd, for example, has stated that Taser use by police is prone to overreaction and mistakes. Mr Kidd represented Auckland man Jimmy Taua, who was tasered three to four times after police had been called to his house because of a loud stereo.

Despite some injuries, thankfully no Taser deaths have been reported in New Zealand, but this is not the case elsewhere, including Australia. Former Green MP Keith Locke, who has been a critic of Tasers since they were introduced in

2007, has commented that death of Kevin Norris early this year after being tasered by police in the New South Wales town of Mittagong, should be a wake up call.

Mr Kidd warns that the next step from Tasers is the arming of police with guns, although he doesn't see crime escalating in New Zealand to an extent that would justify this.

The NZSA's Mr Watts agrees that any further arming of police just wouldn't make sense. "Violent crime rates in New Zealand do not support the position for further arming of law enforcement here," he suggests. "Our

laws and social fabric are incomparable to those found in the U.S. and other jurisdictions where police routinely carry side arms."

"Certainly any further routine arming of police would contribute to a sense of unease and insecurity within our society," he continues. "Images on television of police carrying automatic weapons in other countries suggest to viewers that these are risky places. New Zealand is, by international standards, a relatively safe country, and a more highly weaponised police force would send out the wrong message.

The jury is still out as to whether or not the routine carrying of Tasers will actually reduce the incidence of police presenting firearms. Data from other jurisdictions suggests that the carriage of Tasers does not necessarily result in less police use of guns, and nor does it necessarily stop criminals from using guns either. According to Mr Watts, "Tasers will not reduce the ability of criminals to access firearms, and will not reduce their propensity to use them."

As the roll-out of routine Taser carriage runs its course, we can expect the surrounding debate to continue.

Biometric security solutions

The Schlage HandKey II is a biometric access control solution. By seamlessly integrating with access control software platforms, Schlage HandKey II provides a secure, biometric access control solution to meet your needs.

Schlage HandKey removes the need for expensive credential systems and ID cards, eliminating the worry of lost or stolen cards or unauthorised access.

The Schlage HandKey is ideal for applications where consistent and dependable security is of prime importance. The HandKey is easy to maintain and provides an ideal mix of convenience, security and peace of mind.

Safe and versatile

HandKeys can be used as standalone unit or as part of an integrated access



control system. Each HandKey unit is a complete, integrated door controller

providing lock operation, request-for-exit and alarm monitoring.

Biometric templates and decision-making capability reside locally, ensuring doors are always secure and will continue to operate properly, even if all communication to the main access control system is lost.

The HandKey can be customised to user-specific security levels, time zones, holidays and languages, based on the facility's requirements.

Schlage HandKeys can be installed in interior and exterior applications, with outdoor enclosure and integrated heater units available for outside usage.

Exceptional quality and low maintenance costs means Schlage HandKey has a positive life-cycle cost across the unit's lifespan.



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ALLEGION

Micron is moving... in new directions

With innovative new products, fresh new branding and relocation to bigger and better premises, micron is well positioned to benefit from the significant long term commitment and effort of their staff and customers.

New modern facilities

The company's new state-of-the-art manufacturing facility in Ellerslie opened in early October to accommodate their expanding operations, after operating their business in Grey Lynn for nearly 40 years.

This purpose built, modern facility is centrally located and close to motorway on and off ramps north, south and east, as well as direct routes to Onehunga and to west Auckland.

Fresh new logo

Owner and Managing Director, Mel Weston says, "moving premises is the perfect time for micron to revitalise and refresh its company logo and to clarify and define our purpose and strategy to be one of the most innovative security product manufacturers and service providers."

"The large backlit blue sign on top of our new building, which is clearly visible from the motorway, especially at night, incorporates micron's new by-line, security innovation. The fresh bright colour and updated by-line, reflect the company's research and development and strategic focus," he said.

Innovative new products

Micron's latest IP alarm technologies are the culmination of more than seven years of research and development investment and are attracting increasing interest both in New Zealand and internationally.

Mel says, "We are now very well placed to build on the leadership position we have established for our latest products and some soon to be released products are certain to be a game changer for central stations, installers and end users.

They are the only Telco approved IP alarm technologies that provide intelligent, monitored, backup power for



the fibre network terminal and ISP routers to ensure 100% network availability during power outages," he said.

Both Meridian and Powerbrick provide power for the fibre network terminal and up to three router gateways, including a USB powered on-board 3G WiFi router.

"...pricing is close to half that of equivalent analogue alarms, upgraded to wireless and IP with add-on modules..."

Configured as standard, with on board wireless, internet and PSTN connectivity and a powered USB connector for a mini router that provides a WiFi bridge to a remote router or a 3G communication pathway, Meridian and PowerBrick set a high benchmark for IP alarm technologies.

Game changing prices, free Apps

Mel says, "Pricing is close to half that of equivalent analogue alarms, upgraded to wireless and IP with add-on modules, so it's a smart decision for installers, households and businesses to install a native micron IP alarm connected to their ultrafast broadband network or as an IP ready alarm to their existing copper network."

"Free Apps are another differentiating feature of these exciting IP alarm products," he said. "These intuitive, easy to use, icon-driven Apps enable both local and remote alarm control as well as access to remote alarm diagnostics and alarm programming for the installer."

Apps can be downloaded from iTunes and Google Play for any Apple or Android smartphone or tablet, together with micron's powerful Device Finder installation App that helps automate alarm setup for installers.

"...micron's MyMeridian cloud based service, provides real time secure access for the installer to alarm diagnostics, programming and event logs; anytime, anyplace..."

Cloud based services

An integral part of the free App is micron's MyMeridian cloud based service, which provides real time secure access for the installer to alarm diagnostics, programming and any of their installed Meridian's event logs; anytime, anyplace!

Meridian updates, in real time, any change in its router's IP address in the panels MyMeridian event log to enable secure remote alarm connection in the



App if the router is port forwarded. Meridian's default UPnP function, a feature of the company's IP product range, automates port forwarding when this is enabled by the router.

Email, text and push notification set up for the end user to multiple Apps, mobile phones and email addresses, for any alarm event, is selected in the App from a simple check box menu.

Unrivalled customer support

MyMeridian also offers installers the opportunity to provide unrivalled customer support and to significantly reduce costly travel time by enabling easy remote access to any installed micron IP alarm product.

By simply scanning Meridian's unique QR code with the App, the installer can program and set up customer alarm reporting and also view any of their other

installed Meridians and their event logs from within the App. Customers also access their alarm's event log with the App.

"The Apps are so intuitive, that even children or the elderly can use them with ease..."

The free Apps can display up to 16 very intuitive icons for selected alarm functions from a scrolled menu library. A user's login credentials control which icons are displayed, so that specific users can be restricted to only those icons they are entitled to access for control of Meridian or Powerbrick function.

"The Apps are so intuitive, that even children or the elderly can use them with ease," says Mel Weston.

"There is no limit to the number of IP Capture modules, PowerBrick's or

Meridians the App can control and the installer can program these IP alarm products, using either a web browser or directly using the App interface," he said.

The IP Capture module's App can function to arm and disarm any brand of alarm panel via a key switch input and control one further output for any other function, such as garage door control.

Installers can save default and specific customer programs within the App and then retrieve them at any time to restore panel programming.

Mel says, "Like many new digital technologies and Apps, micron relies on customer feedback and continuous improvement to keep abreast of changing needs. So our new products are being constantly developed and updated, with many more innovations in the pipeline."

Poised for growth

Having spearheaded the company's new research and development focus and taken over full ownership of micron in the last three years, Mel Weston is very optimistic about the future international potential of the company's new products, with major new distribution agreements in Australia and Germany recently finalised.

He said, "With increasing awareness and customer experience of our new products, new branding and a new more accessible location, micron is well and truly revitalised and poised for growth and the exciting innovation that lies ahead."

Micron welcomes you to visit their new manufacturing facility and if you have time, to have a guided tour of their operation.

New contact details

Phone 09 378 6098

**13A Sultan Street,
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**PO Box 11339,
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IP capture module with WiFi 3G router



Peter Houlis

Peter is a Chartered Security Professional, with a passion for designing ground-breaking, high end CCTV, Access Control and Totally Integrated Security Solutions. For twenty two years he has been MD of multi award winning security system integrator 2020Vision Systems, during that time the company has

achieved a high standard of recognition and the patronage of many respected organizations.

Peter will provide an overview of the development of the "Safe Cities" concept starting with an introduction and brief outline of one of the first UK city CCTV systems installed in the early 1990's in Newcastle, and progressing onto the award winning Edinburgh City in View project.



James Condrón

James Condrón, VP Global Sales, CNL Software, is a well-known personality with the global security industry, and is respected by many for his deep insights in highly complex security projects. James has over 20 years' experience in the software and hardware industry. He has been instrumental in some of

the largest, most complex and ground-breaking security integration projects in the world. He has worked with the largest and most well known organisations in the fields of Critical Infrastructure Protection, Law Enforcement, Corporate Security and Safe City initiatives. Ensuring the safety and security of citizens and visitors is key to the success and progress of any city. This is especially true for Atlanta, one of the most multi-cultural cities in the U.S.



Miki Calero

Miki Calero - recognized Urban Security Strategist and Founder of Urbis Global LLC, a consulting and advisory practice helping companies innovate and meet the security needs of smart cities worldwide. Miki was named one of the Most Influential People in security - Security Magazine (2012), and selected a Top

100 City Innovator Worldwide UBM Future Cities (2013) for his vision of enterprise risk management through unified physical and cybersecurity. As chief security officer he established an Enterprise Security Risk Management program that received a CS040 award for groundbreaking business value and innovative application of risk and security concept at the 15th largest city in the US - Columbus Ohio.



Jason Brown

Jason Brown is the National Security Director for Thales in Australia and New Zealand. He is responsible for security liaison with government, law enforcement and intelligence communities to develop cooperative arrangements to minimise risk to Thales and those in the community that it supports. In 2013 IFSEC International recognised him in the top 40 influential persons in Security and Fire Management.

Jason's presentation will consider the security management systems, process and capabilities to manage geographically and demographically diverse enterprises that touch every part of the globe. Thales as a global company maintains security systems to protect itself and the governments and people it serves.

2015 Conference Structure

THURSDAY 19 NOVEMBER

		Speakers
7:00am	Industry Breakfast	
	PSPLA update	Roger Gill
8:45am	Conference & Exhibition Opening	Chairperson
9:00am	Safe city: a security integrators view, lessons learned, more challenges and how a safe city should function in 2016	Peter Houlis
10:30am	Tea Break	
11:00am	Safe and Secure Citizens	James Condrón
12:30pm	Lunch Break	
1:30pm	Achieving Safety and Security Through Design	Susan Gallagher
3:00pm	Tea Break	
3:30pm	Annual Police/CPPF Update	Police
4:15pm	Update from the NZ I Intelligence Community	Classified (closed to media)
5:15 - 7:00pm	Drinks & Nibbles	

Charles de Lambert

Charles de Lambert is the Director of Safe and Sound Solutions Ltd (workplace Health and Safety Services).

The Pike River Royal Commission of Enquiry recommended wide sweeping changes to NZ health and safety law and these changes are currently being reviewed by parliament and will be passed into law about March - April 2016. These changes propose new health and safety accountability and responsibilities for directors, managers and employees. The assessment of hazard and risk will closely mirror the Australian risk model. Charles will provide an overview of these changes and how they may impact on your business.



Please note this programme is subject to change.
For the latest information and to make bookings please visit
www.security.org.nz/events/

FRIDAY 20 NOVEMBER

		Speakers
9:00am	Securing Cities the Smart Way	Miki Calero
10:30am	Tea Break	
11:00am	A global approach to Security Management – protecting our nation, our community and our business.	Jason Brown
12:30pm	Lunch Break	
1:30pm	Securing your sales	Mark Windust
3:00pm	Tea Break	
3:30pm	Public Sector Security Requirements	Nick Lane
4:00pm	Proposed changes to the new Health and Safety Reform Bill	Charles Lambert
4:30pm	Perceptions and Trends from Security Management	Jeff Brown ASIS
5:00pm	Conference and Exhibition Closing	Chairperson
7:00pm	Pre-Dinner Drinks	
7:30pm	Awards Dinner	



Mark Windust

Mark Windust is the founder of Mastermind Business Solutions Ltd and is an influential Thought Leader in the areas of Business Development, Sales Growth and Entrepreneurship. Since Mastermind's inception in 2007, Mark has been working with business leaders, salespeople and entrepreneurs to help them grow. He has over 18 years experience in sales, marketing and business development and has helped a diverse range of businesses; from

hi-tech start-ups to traditional trade companies and large multi-nationals to one-man bands. He loves the idea of simplicity, making complex ideas easy to understand and easy to implement. He offers a range of sales and business development programmes aimed at helping growth focused kiwi companies achieve better results faster.

Shane Cortese - MC



Shane Cortese is one of New Zealand's most recognisable performers with a multitude of television, film, theatre and Music credits to his name. Best known for his role as Mac in TVNZ Hit Drama Nothing Trivial, Hayden Peters in five series of Outrageous Fortune, and 3 years as Loki/Colin in TV3's The Almighty Johnsons, his roles on Nothing Trivial and The Almighty Johnsons earning him 2013, 2014 and 2015 TV Guide Best on The Box 'Best Actor' Award. In 2006 Shane presented the entertainment series, So You Think You Can Dance? and won the hearts of the nation as runner up on Dancing With The Stars in 2005. A strong supporter of charities in New Zealand, Shane is an official ambassador for Variety New Zealand, The Breast Cancer Research Trust, MOTAT, Blue September and The Childrens Autism Foundation.

Roger Gill



Roger Gill was appointed as PSP Licensing Authority in 2001 when the PSPPI Act 2010 came into force. Before that he spent 12 years as a Manager and Registrar of the High Court in Wellington, following 16 years as Executive Director of the NZX and Chief Executive of first the National Party and then the industry body for Managed Funds and Insurance. Roger will address the operation of the Act for the past 12 months with particular focus on the impact of the statutory training requirements and the addition of Repossession Agents to the mix of activity classes covered by the Act.

Susan Gallagher



Susan's security career began with the RCMP where she was a Physical Security Advisor providing guidance for all Canadian federal government departments and agencies for their security programs, large construction projects and threat and risk assessments. From 2004-2008 Susan worked in New Zealand where she created a security and risk management consulting business specializing in providing clients advice and guidance on their security program, physical security, crime prevention through environmental design, threat and risk assessments, security training for staff, policy development and analysis. Since returning to Canada she has worked with the federal government of Canada as well as with the Infrastructure and Resilience Research Group at Carleton University.

Jeff Brown



Jeff is the Head of Security and Resilience for a major NZ corporation, where he has worked for seven years. He was previously the VP of Safety, Security, Operational Risk and the Environment for Air New Zealand. Jeff is the current Chair of ASIS NZ, the local chapter of ASIS International, which is the leading organization for security professionals, with more than 38,000 members worldwide. He has a background in counter-terrorism intelligence and has Bachelor and Master's degrees in Economics from the University of Sydney. Jeff's presentation will focus on the state of the security industry in New Zealand - Perceptions and Trends from Security Management. This will cover the current trends shaping security in NZ organisations and explore any differences between the major cities.



Safer Cities - a slow but sure change to a better future

In the first article we considered what a safer city or community looked like. In this article we will look at some of the aspects of crime prevention that are making safer cities.

“In matters of justice and the rule of law, an ounce of prevention is worth significantly more than a pound of cure... prevention is the first imperative of justice.” So said the United Nations Secretary General in 2004.

While referring to international situations the words are relevant in all communities and levels within societies. Crime prevention is the ultimate achievement in creating a safe and secure city or community.

Both the Australian and New Zealand governments have focussed on prevention as a strategy for the past number of years. The result – both countries have shown a marked reduction in crime levels.

The Ministry of Justice launched its Better Public Services strategy in 2012 and two of the main themes go hand in hand with crime prevention. They are ‘Supporting Vulnerable Children’ and ‘Boosting Skills and Employment’. The skills and employment challenges relate to an increased number of 18 years olds (school leavers) with NCEA level 2 and increased 25-34 year olds (the average age of most criminals) with advances trade qualifications, diplomas or degrees.

The targets will not be immediately effective in reducing crime but with the collaboration of the Ministries including Social Development, Justice, Police, Education we are likely to see fewer young adults falling into crime as their only option.

Crime Prevention

Crime prevention targets social as well as environmental factors. Social factors that can be considered include housing, health, mental health and education.

How we as a community treat victims is an important social aspect. Justice Minister Amy Adams recently launched the Victims Code which formally sets out how victims are to be treated by the people and agencies who are working to support them.

The neighbourhood-based approach to crime prevention is built on the notion that social engineering at the neighbourhood level can interrupt or short-circuit criminogenic processes.

Empirical evidence from Australian criminology research indicates that fear in the older age group is of concern. Fraud and financial abuse of older people (over 55 years of age) is increasing dramatically as they are seen by fraudsters as easy targets.

Reports indicate that socially disadvantaged older people need enhanced community support.

NZ Police Prevention First & District Command Centres

The previous NZ Police Commissioner Peter Marshall launched ‘Prevention First’ as their national operating strategy in 2011. This placed prevention at the forefront of the organisation and people at the very centre. Its aim was to ‘reduce crime and crashes, gain greater control of the criminal environment and make New Zealand a safer place to live, visit and do business’.

When taking office in 2014 Commissioner Mike Bush stated that public trust and confidence in the NZ Police is at an all-time high, road deaths are at the lowest since records began in 1950 and crime is at a 29 year low; people are safe and feel safe in their communities.

Police District Command Centres (DCC) opens the future for police to respond at a local level far better than ever in the past. Police Commissioner Mike Bush has pushed the concept of



DCCs and now every police district has an operational DCC. 'It's critical our district commanders have all the information they need to effectively deploy staff to prevent crime and crash, or deal with it as it arises. DCC are supported by Real Time Intelligence for Operational Deployment (RIOD)

Australian CP ASSIST programme

In 2012 the Australian Government launched its CP ASSIST programme which provided a national centralised repository of resource materials (toolkits, tip sheets, better practice guides and applied research publications) to assist crime prevention policy makers and practitioners within central and local governments as well as non-government organisations.

The resources provided covered areas such as alcohol and drug misuse; cybercrime; fraud & financial crime; property crime; violent crime and youth crime as well as vulnerable people and communities. The site is easily accessible by everyone, is used by many consultants but enjoyed by members of the public, business owners and community groups to further their collative knowledge and awareness on how to keep their communities safe.

Private-Public-Partnerships (PPP)

A term used more and more these days is public-private-partnerships. With the Police and government recognising the need to engage with suitable organisations within the community there will likely be many more opportunities in the future for security organisations, both commercial and volunteer based to collaborate for the reduction in crime.

International studies in this area indicate the existence of a number of barriers, which can be overcome. Licencing and training standards are always at the top, with other issues such



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- Self Defence
- Baton and Handcuff training
- Aviation Cabin Crew training

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as codes of practice, ethics as well as service delivery standards indicated as being of concern to Police agencies.

On the positive side there are the skill sets of private security companies such as static guarding, crime scene guarding and of course the ability of private security to obtain staff numbers when required.

Internationally many public-private-partnerships focus on crime prevention. Currently partnerships are volunteer group focussed but the near future will undoubtedly see some close relationships between government or local body and private security organisations.

Crime Prevention Through Environment Design (CPTED)

Often called 'designing out crime' CPTED focusses on developing public spaces so that crime is discouraged and prevented. CPTED is a multi-disciplinary approach to deterring criminal behaviour through design. CPTED strategies rely upon the ability to influence offender decisions that precede criminal acts by affecting the built, social and administrative environment. (www.cpted.net)

The Ministry of Justice (www.justice.govt.nz) provides national guidelines for CPTED in New Zealand. These guidelines were developed by the National Task Force for Community Violence Reduction. It identifies seven qualities for well designed, safer places.

- Access: Safe movement and connections.
- Surveillance and sightlines: See and be seen.

- Layout: Clear and logical orientation.
- Activity mix: Eyes on the street.
- Sense of ownership: Showing a space is cared for.
- Quality environments: Well-designed, managed and maintained environments.
- Physical protection: Using active security measures.

CPTED can be applied to both public and private initiatives, thereby creating opportunities for public-private-partnerships. In public initiatives such things as lighting, signage, landscaping, positioning of footpaths, and street activities can all assist in reducing crime.

Private initiatives include making owners in hotspots more aware of local crime issues and the advantages of incorporating CPTED for their benefit as well as the community and creating partnerships with the development community

Conclusion

Safer cities are not just a dream. The work done by law enforcement, central and local government as well as numerous private and commercial companies is slowly but surely leading us to a safer future. This is the second of three articles written by Chris Lawton CEO of C4 Group Ltd, Chairman of Community Patrols of New Zealand and a member of the International CPTED Association.

In the final of three articles we will look at how CPTED and other programmes have reduced crime in Hutt City, how it is being utilised in the rebuild of Christchurch as well as how it may assist in areas of high crime in parts of Auckland City.

Equipping frontline staff for workplace success

Customers hiring security firms are looking for added protection for their assets, whether they are products, stock, equipment, or in some cases human – such as security for schools, or businesses.

With such great responsibility ensuring your staff are equipped to deal with different scenarios is important.

Quality training is an investment every company should make. Employees with nationally recognised qualifications shows your clients you take their business seriously and want to provide them with the best service possible.

In addition, completed qualifications are a great benefit you can provide for your staff – they are a tangible record of their on-job training and show you are investing in their future.

Completions are also important because they are how the Tertiary Education Commission (TEC) decide

on how much money to invest back in industry training.

TEC look at programme completion rates as this is the number of trainees who finish their qualification.

In the security sector we have a target of 60% programme completion rates for 2015. Last year security only had 20.79% of trainees signed up actually complete their qualifications. So far in 2015, we have only reached 16.78%.

If we don't reach target then it is likely funding for training to the security sector will be cut. Completions are a way of keeping costs down – so getting trainees qualified is extremely important.

We want to keep costs for industry as low as possible so it's important for companies to invest time in making sure their trainees finish these qualifications.

You can check trainee performance easily by heading to the My Skills portal and also view their record of achievement.

If you have concerns about your

trainee progress, want to register for My Skills, or just have a query – we're here to help. Get in touch with us on 0508 SKILLS (0508 754 557) or support@skills.org.nz.

Wayne Abel

Industry Manager - Security
The Skills Organisation



Wayne Abel



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A woman with brown hair tied back, wearing a grey long-sleeved shirt, is shown in profile. She is holding a white smartphone in her right hand, which is positioned near a black wall-mounted access control device. The device has a keypad and a small screen. The background is a bright, out-of-focus interior space with large windows and a red wall.

Convergence of Credentials Improve Security and Reduce Costs

In the world of access control, there is growing demand for suppliers to provide IT and physical access control credentials from a single card, token, smartphone or other smart device, using a single set of processes. Apart from convenience and simplifying an increasingly complex IT environment, the convergence of credentials onto a single card or device can greatly improve security and reduce ongoing operational costs.

HID Global's Seos technology enables solutions to be converged onto a single device – from smart card to smartphone. Solutions powered by Seos centralise identity and access management through an integrated credential management system, consolidate tasks and enable an organisation to quickly and effectively use strong authentication throughout their infrastructure, protecting access to all key physical and IT resources.

An integrated credential management model moves organisations in four important directions: beyond cards to smartphones; beyond readers to "tap-in" access convenience; beyond Public Key Infrastructure (PKI) technology to simplified solutions for higher security; and beyond legacy PKI to true converged, strong authentication access control.

Historically, the challenge for an organisation has been to keep a secure perimeter – the potential "bad guys" on one side

and a safe, productive working environment on the other. Times have changed, however, and threats can enter the perimeter from more sources than ever before. Any mobile device is a potential threat, so BYOD is having a big impact on security. A multi-layered security strategy is called for, one which harnesses the power of a strong physical access control system with secure data protection.

Further to that, today's face-paced business environment requires that employees have a single, strong authentication mechanism to access doors and secure areas as well as critical hardware and IT systems. To accomplish this, an organisation needs to deploy a solution that controls access to everything from the doors through to corporate computers, data, applications and the cloud.

A truly converged system can consist of one credential, one security policy and one audit log. This approach allows a company to deliver convenience by replacing passwords, key fobs and other security tokens, so that employees do not need to carry multiple devices and re-key passwords to access doors and IT systems. This also brings down the cost of security, since it eliminates investment in multiple security solutions, centralises management and saves administration time by consolidating tasks and simplifying auditing procedures.

SECURE ACCESS. NO CARD REQUIRED.

Secure mobile access solutions by HID represent a revolutionary breakthrough in next gen technology by combining convenience, flexibility and the power of Seos. With a simple tap or use of our patented “Twist and Go” gesture technology, you’ll experience the most innovative way to make an entrance—no card required. And because it’s all powered by Seos, issuing, managing and revoking access couldn’t be easier—or more secure.

You’ll call it the most advanced way to use your mobile device.
We call it, *“your security connected.”*

Contact asiasales@hidglobal.com or **+613 9809 2892**

Centralised management further reduces the strain on security staff in monitoring multiple areas and systems, providing an organisation with the ability to manage all security and alarm systems from the one spot – or even the one screen. Solutions powered by Seos are built on open standards, allowing convergence with variety of other systems. Therefore, a central security resource can control and monitor access, log staff and visitor movement throughout the premises, as well as control surveillance cameras and alarms. Essentially, complete security is monitored from a single pane of glass.

Strong, converged access control offers a variety of ways in which a solution can be deployed. Credentials can be delivered in the form of a smart card, such as an ID badge, small token, or even via a mobile device like a smart phone. There are also a variety of ways to architect the solution, whereby a card-based physical access system can be extended to enterprise-level networks and applications. Therefore, the same card or credential that is used for physical access can now be used to access corporate and cloud applications.

Pushing the authentication boundaries even further, PKI binds public keys

with user identities through a certificate authority. Often used in federal and government institutions, PKI strong authentication is a key element for very secure logical access and digital document signing for agencies and associated contractors. A digital certificate, including the user's public key, is placed on a Personal Identification Verification (PIV) card, which uses both smart card and biometric technology, as well as multifactor authentication methods. Rather than

relying on a shared, secret key, PKI technology uses both a public and a private key which are linked with information so that neither can be accessed without the input of the other. This allows secure information exchange of digital signatures and certificates between government bodies using logical access control.

Mobile technology continues to gain popularity as a means of access control. There are close to seven billion mobile devices on the planet, with an increasing reliance on mobile applications for daily work and life productivity.

A distinguishing trait of the data-and-device-driven BYOD generation of employees is the dislike of anything that slows them down. Broadband-speed is expected with any digital interaction, including access control. HID Global's mobile solutions are designed to fit with the company-wide ethos of 'frictionless' access control. That is, making everything work as smoothly as possible, allowing staff to get into doors as access systems as smoothly as possible. HID's patented "Twist and Go" technology is an example of this, allowing a user to enter the premises with a simple twist of their device, or by tapping on an icon.

Converged solutions from HID Global also allow for other advanced access control functionality, such as cashless vending and storage of user profiles. The same secure credential can be used to transact at a vending machine or borrow from a library for example, as well as storing an individual's work history and OH&S details.

The modern enterprise can gain a lot from upgrading to an advanced, open-sourced platform that exponentially increases security, improves employee productivity and at the same time reduces administration. HID Global has the solution. Speak to your local rep today.



THE NEW ZEALAND SECURITY CONFERENCE AND EXHIBITION

"SAFE AND SECURE CITIES"

Will be held in Auckland on:
Thursday 19th November,
Friday 20th November and
Saturday 21st November.

The venue is the ASB showgrounds
217 Green Lane West, Greenlane, Auckland

The Conference theme this year is
"Safe and Secure Cities".

The safe-city concept presents a number of
challenges:

- The sharing of information effectively to reduce crime and disorder
- The integration of smart intelligence gathering

solutions with existing systems to offer a
common platform for monitoring and dealing
with situations at all levels

- Regulatory obstacles including data protection laws
- Delivering a return on investment when funding is required

We will also look at how technology has evolved
and made it possible for government agencies,
emergency services, public sector officials and
professionals across the security industry to
work together in order to deliver safe and secure
cities which protect people and safeguard critical
national infrastructure.

SPEAKERS include:

Peter Houlis

A Chartered Security
Professional, with a passion for designing ground-
breaking, high end CCTV, Access Control and
Totally Integrated Security Solutions. Peter is an
experienced practitioner in the physical security
field, having spent 40 years gaining considerable
knowledge and understanding of security
technology and the principles and practices of
protecting people and assets, along with the ethics
necessary for leading a respected company.



EXHIBITION

The ASB Showgrounds provides for a larger exhibition space, plenty of parking and easy access to the building. The exhibition is FREE to attend.



NETWORKING

The New Zealand Security Association (NZSA) is the
largest industry representative body for the security
industry in New Zealand. Its voluntary members
include security companies ranging from large multi
nationals to sole traders both in the private and
government sectors. The conference is the single
largest gathering of security professionals in New
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Security concerns shouldn't stop SMEs making the most of online says MYOB

According to the latest MYOB Digital Nation report, losing access to data, having business information hacked and foreign government surveillance are among the concerns of New Zealand's small-to-medium enterprises. The report's survey of over 1000 business owners and operators by Colmar Brunton found that two-thirds of New Zealand business operators are worried about online security.

"While the internet and the cloud have transformed business," says MYOB New Zealand General Manager James Scollay on the company's website, "they have also transformed the nature of the security risk for businesses, with the threat of loss of data, illegal hacking or monitoring now a major concern for local businesses."

The primary worry for businesses is losing access to their data (44%), followed by hacking of business data (42%) and loss of control of their data (34%). Other concerns include government or competitors gaining access to their data, and surveillance by foreign governments. Mr Scollay says local businesses are rightly cautious but they shouldn't let their concerns prevent them from realizing the benefits of the online environment.

The survey also broke results down according to region. Business operators in Northland (51%) and Bay of Plenty (54%) are less likely to be worried about online security, while those in the Hawkes Bay (77%) and Wellington (74%) have the highest levels of concern.

"Good security practices – like maintaining software updates, firewalls and anti-virus measures – go a long way towards making businesses secure when accessing the internet or working in the cloud," stated Scollay. "At the same time, reputable companies that offer online products and services are investing heavily in maintaining the highest levels of security."

The report also surveyed businesses' levels of satisfaction in relation to access to the internet. In general term, business operators reported improved satisfaction with the speed, reliability and cost of their internet plans.

Satisfaction with internet speed and reliability has risen from 40% six months previously to 49% in March 2015, while dissatisfaction has fallen from 33% to 29%. SMEs' satisfaction with the cost of their plans rose from 30% to 41%, with dissatisfaction falling from 38% to 28%.

Interestingly, the survey found that only 47% of local SMEs currently have an online presence, with 23% operating a business website, seven percent just using a social media site, and 17% having both. More businesses with an online presence reported an increase in revenue than those without.

"While business owners are right to be taking a cautious approach to one of their most vital assets – their data, its very important we don't let that concern cloud the opportunities the internet can bring for every SME," said Mr Scollay. With only 17% of businesses boasting both a website and social media presence, it seems that there are many small companies out there missing out on the potential benefits that being online can bring.

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Removal of residual ACC levies seen as common sense

Many businesses in the security sector are large employers of human resources in an industry deemed to be high risk and as such feel the accident insurance sting through their ACC levies.

Legislation enabling the proposed removal of ACC residual levies is sure to be welcome but is a clear signal to employers like security operators to ensure their house is in order around workplace safety and a cost-saving albeit sensible addition to recent changes to the health and safety legislation.

The NZ Employers and Manufacturers Association says the announced changes will bring more of a user-pays approach, and will result in the true cost of workplace accidents being borne where risk lies.

Kim Campbell, CEO of the EMA says, "It is another strong incentive for employers to look at their workplace safety practices, and if change is needed, it will be rewarded with a reduction.

For some it will mean a reduction in what they currently pay, and for others it will be an increase, depending on the risk profile of the industry they operate within. This is a positive and transparent way to ensure change is made where needed.

Overall, business in New Zealand is better off to the tune of \$350 million, which comes on the back of other ACC announcements earlier this year," says Campbell.

He says these changes and the transparency they bring will complement the newly passed Health and Safety at Work Act.



Nikki Kaye says economic volatility will be smoothed over time.

Those residual levies will be removed from ACC's Work, Earners' and Motor Vehicle Accounts next year. ACC Minister Nikki Kaye said, "The Bill amends the Accident Compensation Act 2001 to introduce a more principled, transparent framework for funding decisions, and more stringent reporting requirements on ACC to ensure the public is better informed.

The Government and ACC have worked hard to improve the scheme's finances and outcomes for customers, after inheriting ACC's accounts in a poor state, marked by a \$4.8 billion deficit in 2008/09.

Since then, the scheme's assets have grown from around \$10 billion to around \$31 billion.

This Bill means successive governments will have a range of tools to enable them to make appropriate funding decisions, so that economic volatility can be smoothed over time while maintaining levy stability and the solvency of ACC's levied accounts."

Also welcoming the removal of residual levies was Auckland Chamber head Michael Barnett. He said it would help make the ACC levy system more transparent and equitable.

"It will move ACC to a system in which costs will be based more on current revenue generated, and not rely on levies gathered in the past and held to subsidise future costs."

He noted that it has always been known that the system of residual levies would be removed, once sufficient funds had been collected to meet the ongoing costs of pre-1999 claims.

Confirmation that this step has been taken would overall be welcomed by business. "I see it as evidence that management of the ACC system is becoming more transparent and efficient," concluded Mr Barnett.

Ms Kaye also said, "The Bill makes two key changes to the ACC scheme. Firstly, the Government rather than ACC will be required to set the funding policy for the levied accounts, and this funding policy must be consistent with newly established principles of financial responsibility.

Secondly, the Bill allows the removal of residual levies sooner than currently required in legislation, to ensure pre-1999 claims costs aren't over-collected.



Removing residual levies will also ensure that businesses pay work levies based on recent injury costs, which means those who generate higher costs pay a fairer share of those costs.

With the Government setting the funding policy, a more robust governance structure is created, under which the Government sets the policy and ACC, as the responsible Crown agent, implements it.

This will help ensure a closer match between levies consulted on and recommended by ACC, and the Government's final decision on levies. Levy payers will also be better informed and have more certainty and confidence about future levy rates and their implications."

Long term certainty

Any adjustment to ACC levies that simplifies the scheme has to be good for business.

Ms Kaye says that this is a significant time in the history of ACC. "All three levied accounts are now fully funded, and the next four months will see major achievements, starting with this Bill passing into law, allowing the new transparent levy setting framework to be established and residual levies to be removed.

The ACC Board will also complete levy consultation, which is likely to lead

to levy reductions worth hundreds of millions of dollars to New Zealanders in 2016/17. If these reductions occur, the Government will be on track to deliver \$2 billion of ACC levy reductions.

On top of this, the Government will now consult on and agree a funding policy, with a target band of 100 and 110 percent of liabilities and a ten-year funding horizon. This is intended to strike a balance between levy stability and ensuring that the ACC accounts hold sufficient funds across generations.

This is a significant milestone for the ACC scheme, which means we will now have fairer work levies based on industries with the greatest injury costs paying their true share of those costs. Alongside stronger health and safety laws, the price signal resulting from these levy changes will help encourage safer workplaces.

Residual levies were introduced in 1999, when ACC moved to a fully funded model. Under this model, the scheme is required to build up sufficient funds to meet the anticipated lifetime costs of all pre-existing claims. Residual levies were always going to be removed, once enough funds were collected to meet ongoing, pre-1999 claims costs. My decision to remove residual levies next year is the result of the latest revaluation of residual liabilities I've received, which shows the first equitable opportunity to remove the levies is the 2016/17 levy year."

Levy consultation process

ACC's annual levy public consultation process begins on 1 October this year, and for the first time features a website where people can submit their own ideas and also comment on proposals put forward by others.

Chair Paula Rebstock says the new website will make it simpler for people to submit feedback and make comments on ACC's proposals for the 2016/17 financial year.

"I want to encourage all New Zealanders to share their ideas with ACC. Every New Zealander is covered by ACC, and the cost of the scheme is funded through the levies we all pay. All submissions are considered carefully, and they do count."

People making submissions through the new website www.shapeyouracc.co.nz will be able to read and comment on ideas and questions raised by other submitters. We're hoping this will lead to some great discussions."

ACC runs public consultation on levies every year before it makes final recommendations to the Government on what levies should be for the following financial year. Among the proposals being consulted on this round are improvements to the vehicle risk rating system introduced by ACC earlier this year.

Consultation on proposed levies for the 2016/17 year runs from 1 October to 30 October 2015.

Government seeking two-way street on cyber threats

It's been about two months since the Australian Cyber Security Centre (ACSC) released its first ever unclassified cyber security threat report. Since its inception, the ACSC has been on the frontline of Australian government efforts to work together with industry to raise awareness and introduce better practices in relation to cyber security preparedness.

Increasing cooperation between government and businesses in relation to cyber security is a growing trend on both sides of the Tasman, with both Canberra and Wellington having come to the realisation that the national security chain is only as strong as its weakest link – and that the weakest link could end up being an SME located far beyond the firewalls of the government's intelligence community.

Once renown for being secretive gatekeepers of information, actors within the intelligence community, such as the ACSC, are now being used to proactively inform industry about emerging threats. "Ensuring a resilient, cyber secure Australia", states the ACSC report, "requires the expertise and collective capabilities of the ACSC, government and industry network owners, operators and users, academia and our international partners".

But key to this new status quo is a growing government expectation that industry will take on a greater share of the load... the challenge of cyber security is one that government alone cannot adequately address. It requires, states the report, "a partnership between government and the private sector, with organisations and their users taking

greater responsibility for the security of their networks and information".

New ACSC Coordinator, Clive Lines said that the Australian Cyber Security Centre Threat Report 2015 clearly demonstrates that the cyber threat to Australian organisations is undeniable, unrelenting and continues to grow. "The report," said Mr Lines, "provides an overarching view of cyber adversaries, what they want, and how they go about getting it from an ACSC perspective."

The ACSC intends for the report to be a resource for organisations to start an informed conversation about protecting their vital information. "If every Australian organisation read this report and acted to improve their security posture, we would see a far more informed and secure Australian internet presence," commented Mr Lines.

The report is available on the ACSC website www.acsc.gov.au

The cyber security outlook, according to the report, is one where cyber attackers and defenders will both continue to face challenges and opportunities: "Robust cyber defences will continue to allow a high degree of confidence in network and information security. However, the ability of cyber adversaries to create, identify and exploit vulnerabilities in networks and ICT-enabled capabilities will continue to provide opportunities to take advantage of networks".

The report also attempts to provide a forecast of the cyber threat trends for 2015 and beyond, with the caveat that

"the ACSC is still developing a detailed understanding of the full spectrum of threats to Australian networks". The ACSC predicts that:

- The number of state and cyber criminals with capability will increase.
- Due to the limited number of quality software developers, cybercrime-as-a-service is likely to increase, reducing the barriers for entry for cybercriminals.
- The sophistication of the current cyber adversaries will increase, making detection and response more difficult.
- Spear phishing will continue to be popular with adversaries, and the use of watering-hole techniques will increase.
- Ransomware will continue to be prominent.
- There will be an increase in the number of cyber adversaries with a destructive capability and, possibly, the number of incidents with a destructive element.
- There will be an increase in electronic graffiti, such as web defacements and social media hijacking, which is designed to grab a headline.

For New Zealand businesses, a good place to start becoming part of the cyber security solution is the Connect Smart website, www.connectsmart.govt.nz. Connect Smart is led by the government's National Cyber Policy Office (NCPO) within the Department of the Prime Minister and Cabinet, in partnership with a range of government agencies, non-government organisations, and the private sector.

UK cyber competency scheme now available to Kiwis

APMG International is working with CESG, the Information Security arm of GCHQ (UK Government Communications Headquarters), to deliver its cyber security competency scheme for Information Assurance (IA) professionals in the US, Canada, Australia and New Zealand for the first time.

This pilot offers new opportunities for IA professionals in New Zealand to have their expertise in cyber security assessed against CESG standards.

Two roles are being offered as part of the pilot – Security and Information Risk Advisor (SIRA) and IA Architect – at three levels of competency; Practitioner, Senior Practitioner, and Lead Practitioner. The APMG application process is managed and delivered securely online.

CCP has been developed as part of the UK Government's Cyber Security Strategy to address the growing need for skilled specialists within the cyber security profession, and to raise levels of professionalism in IA. Certification allows cyber security professionals to evidence their competency. It also establishes a learning pathway for gaining higher skill levels, and provides assurance to employers that their staff have the correct skill sets for specific roles.

Since its launch in 2012, CCP has established a community of recognised cyber security professionals in the UK public and private sectors with around 1,200 individuals achieving the certification.

"It's nearly 3 years since CCP was launched and I am really pleased and proud to have seen it flourish over that time," stated Chris Ensor, Deputy Director, National Technical Authority for Information Assurance, GCHQ. "First of all we offered CCP to the UK public sector, then to the UK private sector and now we are supporting APMG and BCS to expand it beyond the UK."

According to Richard Pharro, CEO of APMG International, "CESG has a world-leading pedigree in cyber security and this pilot offers cyber security professionals in the US, Canada, Australia and New Zealand the unique opportunity to measure their credentials against the CESG best practice framework. CCP has been developed as part of a comprehensive learning pathway for the cyber security profession, helping IA professionals to be assessed and enhance their worth in the labour market by demonstrating their core competencies to prospective employers.

"It also helps employers of cyber security professionals to make informed choices when selecting staff and training, ensuring they employ the best qualified people for the job," he said.

The pilot is now live and is being run until 31st March 2016.

For more information about CCP, visit: <http://apmg-cyber.com/products/ccp-cesg-certified-professional>.

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History repeating?

ACM strike over employment agreement

On the morning of Wednesday 19 August, more than 20 ACM security guards delivering cash to ATMs across Auckland cut short their deliveries in a dispute over stalled pay negotiations. They drove back to ACM's East Tamaki depot amid media warnings that Auckland's ATMs would run dry.

ACM Chief Operating Officer Peter Silk downplayed the industrial action at the time, stating that only a handful of guards had decided to strike, and that for many of their colleagues it was business as usual. The city's ATMs, he assured the public, were safe, given that the company ensures that cash is replenished well before stocks become low.

Negotiation stalemate

The guards' employment agreement expired in April, and mediation talks between the Service and Food Workers Union (SFWU) and ACM failed on August 14 after workers rejected the company's pay increase offer of 2 percent and a further 1.4 percent or consumer price index (whichever is greater) next year.

Jill Ovens, SFWU's Strategic Industry Leader, confirmed to the *New Zealand Security Magazine* that in addition to the 2 percent pay rise, the guards were also seeking more recognition for the additional responsibilities of crew leaders, overtime to commence at 40 or 45 hours a week rather than 50 hours, and more sick leave (than the statutory minimum of five days per year).

The guards sought a larger pay rise for crew leaders in recognition of their higher level of responsibility. The guards were also frustrated with changes to their daily run and roster changes that caused stress and resulted in high levels of sick leave, which in turn brought more roster changes. "It is more efficient if guards follow the same daily run so they know where to go to find the ATM machines," Ovens stated.

Overtime rates were also a problem, with guards working more than 40 hours a week but not qualifying for overtime payments.

"When we learnt this morning that the major banks have reported core earnings of \$3.5 billion in their first half



results, it is offensive that they can't pass on better wages through their contractors to the people who keep their businesses operating," Ovens said.

History repeating

The dispute is in many ways a case of déjà vu, echoing similar action that occurred on 10 April 2012 when about 40 ACM workers went on strike in Auckland and Wellington, leaving ATMs high and dry. At that time, Ovens had accused ACM of being "absolutely unprepared" for negotiations on a new collective agreement.

She had indicated that SFWU members wished to send a clear message to ACM that they should take the negotiations seriously, warning "our members have the power to shut down the banking system." Three years and another collective agreement later it appears that the same fight is being fought over similar issues.

An ACM or industry issue?

Asked whether the strike was aimed at drawing attention to pay and conditions issues for guards providing services to banks per se, or for guards generally, Ovens clarified that the action was aimed at highlighting the plight of all guards.

She pointed to a number of major pay and conditions deficits faced by personnel in the security industry broadly, including minimum statutory conditions such as sick leave, and the fact that static guards start on minimum wage (which, she states, is not the case for ACM, where the start rate for drivers is nearly \$18 per hour).

Within the industry, she continued, overtime doesn't cut in until 60 hours a week in some cases (50 hours at ACM), and a lack of provision for meal and rest breaks is common, as is bullying by managers. Also common, she says, is "not having basic facilities such as toilet

facilities, [and] somewhere decent to eat their lunch." According to Ovens, "ACM guards must eat their lunch in their vans."

Also rampant across the industry is the use of sub-contractors who are exploiting migrant workers.

ACM's offer of a 2% pay increase and a further 1.4% or CPI next year, appears comparable with what's been happening in the security industry generally. According to Ovens, the pay increases offered by other companies has been in the order of 1.7 to 2.4 percent.

Danger... without the money

Ovens is quoted in the press as stating that guards "are exposed to huge dangers as they pick up millions of dollars from banks and large retail stores. In Australia, the same company's guards carry guns, but here in New Zealand they have to rely on the crew leader to keep them safe.

She clarifies this statement by stressing that carrying guns could escalate the danger, but that "guards in NZ need to be more aware of their surroundings and possible criminal activity." It's a dangerous industry, and clearly the SFWU and its members are not satisfied that guards are remunerated adequately for the challenges and dangers inherent in their role.

According to government careers website www.careers.govt.nz, security officers/guards with one to three years' experience usually earn \$15-\$17 per hour, and security officers/guards with more than three years' experience usually earn \$17-\$25 per hour. This compares to \$15-\$25 for delivery drivers, \$15 for café workers and \$15-\$17 for mail sorters and experienced cleaners.

Comparatively speaking, it would appear that the dangers faced by guards in the course of their work are not discernibly accounted for in their pay packets.

As it turns out, ACM and their employees have ultimately reached an agreement, with ACM guards winning a two percent pay increase plus an extra day's sick leave on top of other items already agreed.

Although things are resolved for now, history suggests that Auckland's ATMs are not necessarily immune from again being left high and dry at some point down the track.

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AxxonNEXT Overview

Axxon Next is a next-generation open-platform video management software (VMS). Thanks to exciting innovations from AxxonSoft, the Axxon Next platform has reached a whole new level of performance, reliability, efficiency, functionality and accessibility.

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Support for over 1500 models of IP cameras is included, as well as remote access from mobile devices and a web interface.

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Intellect Enterprise 4.8 a perfect solution for large deployments for banking, city surveillance, gas stations, oil and gas facilities, critical infrastructure, and transportation (airports and railways). POS integration allows coordinated management of retail premises, guaranteeing security and safety in day-to-day operations.

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Axxon Intellect has built-in intelligent video and audio analytics to recognize events as they occur, and the ability to respond appropriately. The Intellect Enterprise modules can be installed and launched at different computers connected over a network, thus providing a complete solution for remote operation, control, and monitoring.

Intellect - Facial Recognition Module

To resist intruders, you must be able to find them. Axxon's Intellect integrated Facial Recognition module notifies operators when it spots a human face within the video frame. It automatically detects and captures the image of that person and compares it to known photos of persons of interest. You can use this detection tool to create a database of employees or other individuals: a camera situated in an entrance can record all who pass through the turnstile and save images of their faces to a database.

Facial Recognition module;- This module automatically compares an image chosen by the face capture module with images stored in a database. Identification algorithms, powered by the Cognitec engine, guarantee high probability of correct recognition and quick search of databases containing hundreds or thousands of images. The Facial Recognition module integrates with various biometric systems for identifying human faces, from checkpoints to criminal databases

Face Search module;- The Face Search module, powered by the Cognitec or VeriLook engine, creates a database of all faces captured by video cameras and lets you search the database for similar faces. To search, indicate a frame in the video archive containing a face, indicate a link (URL) to an image, or upload an image of a face to the system. The results are displayed as a list of photographs sorted by similarity. This module makes your search in video footage for persons of interest dramatically faster, as well as collecting statistics on capture by various cameras.

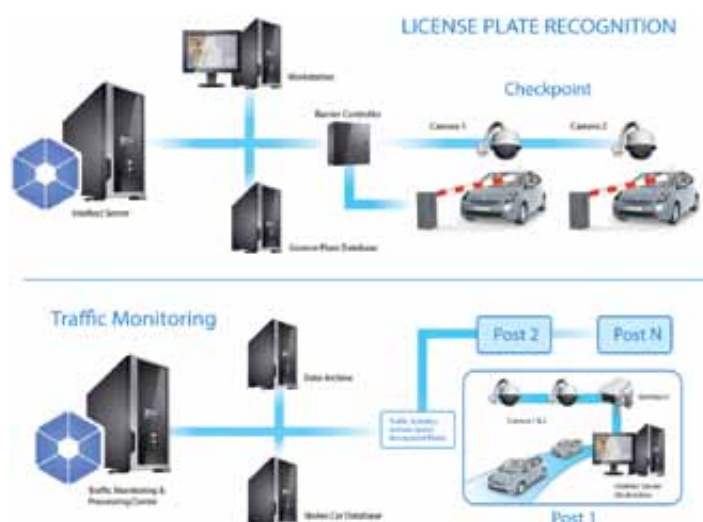


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Monitoring, controlling and managing traffic or vehicle fleets is critical for successful transportation operations, for both public agencies and commercial companies. Perhaps your agency is responsible for law enforcement and must track public and/or government-issued vehicles as part of crime reduction efforts. Or perhaps you need to track vehicles and manage on-site car parking spaces and warehouse traffic in real time. To keep your wheels on the road, you need a solution tailored to your specific transportation and traffic challenges. Axxon's Auto Intellect will keep your transportation system on course. Our solution easily interfaces with your existing hardware and software, no matter what type you have. Simple installation, easy setup, and increased accessibility are yours with Auto Intellect.

Traffic Monitoring; Traffic congestion is a constant challenge for both public services and commercial enterprises. With Auto Intellect, there's no need to spend large amounts of time, money and manpower to uncover and solve problems. Intelligent transport and traffic detectors give you the real-time data you need to keep your transportation network in motion – and prevent problems before they start.

License Plate Recognition; Powered with Recognition technologies, the system recognizes and logs car license plates – even on moving vehicles – and compares them to a database. It also logs all vehicles that pass through a specified zone, records an image of the car and plate, and notes the date, registration time, and direction of each vehicle. Use LPR to identify stolen or hijacked vehicles, automate transport registration, and provide access control at secured locations. You can even use it to plan out and monitor important parking areas. For automated parking lots, Auto Intellect saves money and provides even more features. Identify vehicle owners, collect payments, and increase security automatically.



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ACFA Intellect is a suite of modules for integrating access control, fire/security alarm, and perimeter security hardware into Intellect-powered security systems. These modules allow connecting access control, fire/security alarm, and perimeter security infrastructure to the Intellect platform and exchanging information between these components. Configuration options and hardware health information are accessed through the standard Intellect interface. Modules are configured independently of each other, which makes your system more flexible and versatile.

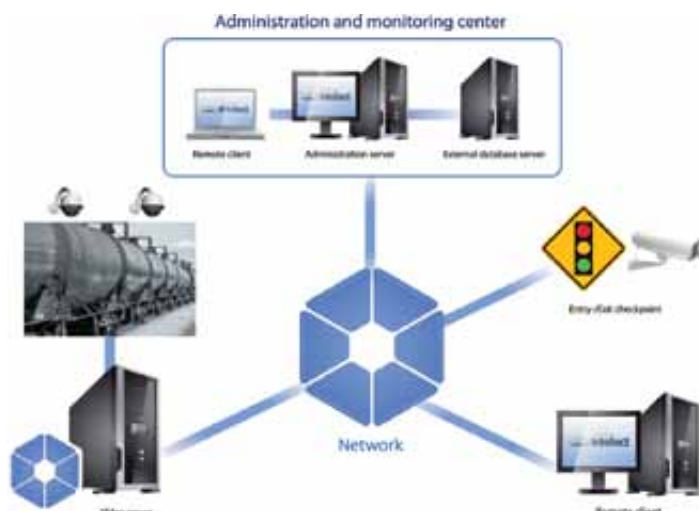


Intellect - POS Module

POS Intellect is a comprehensive, flexible solution for retailers that matches technologies for ensuring point-of-sale safety and security with video analytics for gathering priceless marketing information.

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With POS Intellect, retailers can: supplement strategic and short-term planning by capturing and cataloging real-world marketing information, reduce expenses, improve return on capital, gain a powerful system for managing company resources, and boost the bottom line.



Intellect - Rail Module

Being able to monitor and manage railway cars and tracks in real-time is critical to a successful transportation operation. Axxon Intellect-automatically controls trains and railway car traffic, visually monitors your cargo and alerts you to any that are unaccounted for, and controls clearance and gauge limits. All events and data are logged for further analysis. Operators can request detailed information on trains and railcars, view relevant video archives, and print reports.

Axxon Railway Intellect tracks and manages rolling stock and cargo at industrial enterprises: oil refineries, chemical plants, sea ports, logistic centres, custom terminals and other major industrial facilities and transportation sites. It gives your corporate security departments the power to discover cargo loss and theft. It gives your logistics departments the advantage of reliable and convenient traffic registering. And it gives your IT departments easy integration capability with your existing business management software.

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Australia Round-up

New Independent Reviewer of Adverse Security Assessments

Robert Cornall has been announced as Australia's new Independent Reviewer of Adverse Security Assessments, responsible for reviewing adverse security assessments made by the Australian Security Intelligence Organisation (ASIO). The appointment will be for a period of two years commencing on 03 September 2015.

Security assessments are used by ASIO and other government agencies to determine, among other things, whether a person meets national security-related

requirements to be granted a visa or issued a passport, or to be given access to sensitive information, areas or materials.

Mr Cornall is a former Secretary of the Commonwealth Attorney General's Department, and is currently the Chair of the Defence Abuse Response Taskforce. In January 2006, he was appointed an Officer of the Order of Australia for service to the community in developing public policy.

According to an Attorney General's Department press release, since the

establishment of the Office of the Independent Reviewer in 2012, the majority of reviews conducted have confirmed Asia's initial assessment. The Government claims that this highlights the integrity of the assessment and internal review processes.

Cornall fills the vacancy left by Margaret Stone, who left the role on 24 August this year to become the new inspector-general of intelligence and security – the chief watchdog of Australia's intelligence services.

ASAIL Executive Briefing Security Excellence

On the morning of Wednesday 21 October 2015, Professor Martin Gill, Director of UK-based Perpetuity Research, will present at ASAIL's executive briefing in Melbourne.

Drawing on his international research world renowned criminologist and security thought leader Gill will share his insights to highlight some of the key characteristics of security excellence.

Apart from his role as director of Perpetuity Research, Professor Gill holds honorary/visiting Chairs at the Universities of Leicester and London. His

research interests cover different aspects of business crime, including the causes of false burglar alarms, why fraudsters steal, the effectiveness of CCTV, the victims of identity fraud, how companies protect their brand image, and the generators of illicit markets and stolen goods.

The presentation will explore Identified barriers to achieving excellence and how these can be overcome; the competing trends in Australia and globally which are impacting on security performance; the role of standards and training and how these relate to outstanding performance;

and the overlap between an excellent corporate security department and an excellent security supplier.

According to Professor Gill's research, if you want to be excellent you need to do certain things exceptionally well, and he will draw on his research as to what constitutes outstanding performance.

The Executive Briefing has been developed to provide senior in-house security managers and providers of security services with an understanding of the drivers of organisational success.

Northrop Grumman M5 Network Security wins award

Northrop Grumman M5 Network Security, an Australian subsidiary of Northrop Grumman Corporation, has been awarded the Defence Science and Technology Group Eureka Prize for Outstanding Science for Safeguarding Australia in a ceremony in Canberra on 25 August.

The award recognises Northrop Grumman M5 Network Security's Australian-developed Secure Communications System. Presented annually by the Australian Museum, the Eureka Prizes reward excellence in

the fields of research and innovation, leadership, science communication and journalism, and school science.

According to Tony Marceddo, head, M5 Network Security, Northrop Grumman, "The Secure Communications System developed by Northrop Grumman M5 Network Security was specifically designed by our Australian team to meet the needs of the Australian Defence Force and we're now looking at opportunities to export this world-leading technology."

Ranging from the single-user SCS-100 to the SCS-400, which can support

more than 150 personnel, the systems allow users to communicate securely over commercially available connections, such as 3G/4G, satellites, ethernet or Wi-Fi. In addition to providing voice communications, a touch screen interface allows users to operate secure email, and other systems.

Northrop Grumman is a leading global security company providing innovative systems, products and solutions in unmanned systems, cyber, C4ISR, and logistics and modernization to government and commercial customers worldwide.

New Fujitsu Body Worn Video solution for NSW Police Force

Fujitsu announced on 17 September 2015 that it has signed a contract with the NSW Police Force for a fully self-contained Body Worn Video (BWV) solution. It is claimed the solution will improve the ability of officers to collect evidence, including the ability to live-stream video feeds from police officers in the field back to operational command units.

Fujitsu has partnered with Australian mobile video streaming technology company, m-View Live Video to develop the self-contained solution customised to the needs of the NSW Police Force. Featuring body worn cameras manufactured by FireCam, the BWV solution incorporates a scalable software

platform that includes storage, search, playback and access controls required to support officers in performing their regular duties and to secure the chain of custody of digital evidence.

The BWV solution will incorporate Fujitsu's unique PalmSecure palm vein reader, which is claimed to be one of the most secure and reliable forms of biometric authentication. This will make it easy for officers to check-in their equipment at the end of each shift with the assurance that the evidence gathered is aligned to the correct source.

A key driver behind the adoption of the solution is the potential for improvements in processes for statement

and brief preparation, prosecutions and complaint investigations.

According to Mike Foster, Chief Executive Officer of Fujitsu Australia and New Zealand, "Fujitsu has worked on various projects with NSW Police for over a decade and this relationship, along with our experience supporting other police services nationally, has helped us design the answer to their unique needs."

NSW Police's Major Events and Incident Group Commander, Assistant Commissioner Alan Clarke, said: "The Body Worn Video solution will deliver a reliable and direct form of evidence gathering, which will compliment the officer's written notebook entry."

MAST CEO talks maritime security in Perth

The need to regulate and police the maritime domain to tackle global threats is as pressing as ever, said Phil Cable, CEO of leading maritime security company MAST. Cable's comments were made on 17th September as part of a presentation at the Maritime Law Association of Australia and New Zealand (MLAANZ) Conference 2015 in Perth.

According to Cable, the global threats faced by the maritime environment, whether it be terrorist, pirate, illegal fishing, human trafficking or narcotics smuggling, stem from lack of law and order. He stated that many states lack the organisation, finance or will to police their territorial waters or economic zone. Some, like Yemen, Libya, or Somalia,

are failed or near failed states in which there is a "permissive environment for criminality".

"Whilst the Indian Ocean can now be considered one of the safest oceans on the planet," he stated, "the threat of piracy has not been eliminated." Recent attacks in Southeast Asia and the Gulf of Guinea and increased people trafficking out of Libya, and between Yemen and the Horn of Africa, he continued, suggest that global threats to shipping are far from eradicated.

Cable explained that there are two main types of threats to shipping in SE Asia in the form of violent boardings/ robberies and more sophisticated attacks whereby a vessel's cargo is stolen.

The kidnapping of crew members for ransom remains the key driver of piracy

in the Gulf of Guinea. "One of the main challenges to address these threats is the lack of regional cooperation creating a plethora of legal and jurisdictional requirements," he stated, "as well as the lack of acceptance that public-private partnerships are the key to develop a sustainable force capable of regulating and policing the maritime flank."

"Maritime crime is a problem that needs engagement from all players – government, law enforcement, the shipping industry and its associates which include the security industry. Growing the capabilities to manage the maritime domain is complex and must be underpinned by high standards of training for Coast Guard operators and maritime law enforcement officers.

Dragonfly teams with NSHC to fight cyber crime

Dragonfly Technologies has announced a strategic partnership with Singapore based NSHC to fight cyber crime across the Asia-Pacific. The partnership will drive collaboration in the Asia-Pacific region between the two firms.

The partnership, which was announced on 8 September, will provide cyber security services in the

areas of PCI DSS, threat intelligence, penetration testing and application security services, training and awareness for law enforcement agencies and security research.

According to Branko Ninkovic, Dragonfly's CEO, "our partnership with NSHC is a collaboration that will span several countries and includes Australia,

Singapore, South Korea and Japan. Our partnership provides a single channel in the fight against cyber-crime for the local Australian market."

"Our collaboration with Dragonfly will bolster our research to be the leader in advanced offensive cyber warfare research," stated Jaekee Min, Vice-President, Global Business, NSHC.

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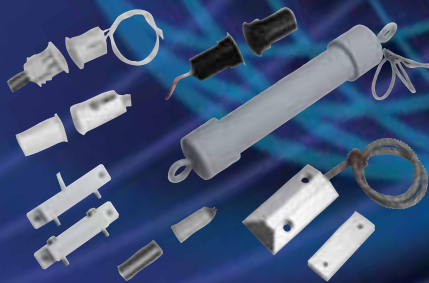


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