

GLOBAL

1 2009

For security professionals by security professionals



Premiere for new
lock platform

Coop chooses SafePay™
for closed cash handling

First SafeStore Auto
installed in Oman

DEAR READER



WELCOME TO THE FIRST issue for 2009 of Gunnebo Security Group's customer magazine Global – made for security professionals by security professionals.

ON MARCH 2, 2009, I took up my new position as President and CEO for the Gunnebo Group. My main missions will be to further strengthen Gunnebo's market position, proposition and relationship with you, being a high-valued customer or partner to Gunnebo.

IN THIS WORK, the Global magazine is an important tool for us at Gunnebo. This is where we will report on our best business cases, give details of new system and product developments, share our knowledge and, last but not least, inspire you in your work.

YOUR FEEDBACK IS very important and I am looking forward to hearing about your security challenges. If you have any ideas on how to improve Gunnebo's offering or if you have any interesting stories that you would like us to cover in the magazine, please let us know!

GLOBAL IS PUBLISHED three times a year, with the next issue due at the end of June. From this issue and onwards, the magazine has taken a new direction in order to really focus on informative and inspirational articles about our offering to all business segments. Furthermore, it will cover the latest product innovations, as well as in-depth information on specific security matters and techniques. In this issue you learn how to choose the right lock for your safe – a crucial decision since it ultimately affects the insurance rating of your safe (see page 6).

WE HOPE YOU WILL enjoy the new direction Global has taken and we wish you all pleasant reading!

Per Borgvall, President & CEO Gunnebo AB
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New product launch

A brand new platform for high-security electronic locks is being launched this spring: the Gunnebo GSL 1000. This competitive range of locks will be predominantly aimed at bank, retail and secure storage customers.



How to choose the right lock

Choosing the right lock for your safe is crucial. Read about how to make the right decision and create secure protection, both technically and legally.



Major fire at bank

When Swedbank in Stockholm was hit by a major fire, 450 work stations were destroyed. But thanks to Gunnebo's fireproof safes, valuable information was saved.



Security for high-risk sites

Airports, embassies, nuclear power stations and military bases are examples of sites that need extra high security. During 2008, Gunnebo put a lot of energy into developing customised solutions for these segments.



FACTS

CENTURIES OF EXPERIENCE

The Gunnebo Security Group has 6 400 employees in 25 countries across Europe, Asia, Africa, Australia and North America, and has net sales of over SEK 7 billion. With many years' experience of supplying security solutions, Gunnebo has expert knowledge of secure storage, perimeter protection, entrance control and cash handling. Our solutions protect people, buildings and property and create safe environments for you, your personnel and your customers.

The Gunnebo Group today comprises more than 40 companies, which combined have centuries of experience in delivering security solutions.

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On our website, you will find more information about the products and solutions we offer. You will also find press releases, financial reports, annual reports and a library of old Global magazines. Please visit www.gunnebo.com

Cover: Staff at Gunnebo's office in Barcelona, Spain. Photo: Linda Gårdlöv

Automatic bollards achieve highest PAS 68 security rating

Yet another Gunnebo outdoor perimeter protection product has been tested and approved to the highest level, K12, for the UK's PAS 68 security standard. The product is a 1100mm high, electro-hydraulically driven bollard with a diameter of 275mm.

The crash test was conducted using a 7.525kg truck travelling at 80km/h, with a collision angle of exactly 90

degrees. The vehicle was immobilised as a result of the test. When the bollard made contact with the front of the lorry, the vehicle was pushed backwards and the front axle ruptured.

The bodywork, engine and gearbox were also ruined. However, the bollard only suffered cosmetic damage. Once the wrecked vehicle had been removed the bollard carried on working perfectly. This latest test is yet further proof that Gunnebo high-security products are of the highest quality. ■



Gunnebo's high-security products are top class. Despite tough tests, the bollard only suffered cosmetic damage.



Statoil in Denmark, Norway and Sweden has renewed its SafePay™ agreement with Gunnebo. The aim is to reduce the number of robberies.

Statoil renews agreement with SafePay™

Gunnebo has renewed its general agreement with Statoil in Sweden, Norway and Denmark for the delivery, installation and service of the completely closed and integrated SafePay™ cash handling system.

"Our aim is to eliminate robberies at our petrol stations in Denmark," says Søren Bjelka, HMS director for Energy & Retail, Statoil Denmark.

"We are going to great

lengths to train our personnel, but to achieve our targets we will have to remove all cash from the store environment. We have therefore decided to equip all our stations in Denmark with cash handling systems. As the amount of cash a thief can steal in a robbery is very limited, this is an investment we are making solely to improve security for our personnel, not least those working at petrol stations in the evening and at night." ■

Gunnebo grows in Australia – acquisition creates national presence

In November 2008 Gunnebo acquired Grand Entrance Control, its Australian distributor for entrance control products. Consequently, Gunnebo now has an autonomous presence within Site Protection in Australia for the first time ever.

Gunnebo's Site Protection business in Australia was previously conducted through distribu-

tors. But with the acquisition of Grand Entrance Control, Gunnebo now has an opportunity to assume a leading role in the country's entrance control market.

Grand Entrance Control has a turnover of 3.2 million euros and an estimated 50 per cent of the market. ■



Premiere for new electronic high-security lock platform



A brand new platform for high-security electronic locks is being launched this spring: the Gunnebo GSL 1000. By consolidating functionality and experiences from previous successful lock series and introducing unique new functions, Gunnebo has developed a new range of modern and competitive locks. They are designed for customers in banking, retail and secure storage.

Gunnebo has previously had three different platforms for high-security locks in its product portfolio: Ev'Hora, SafeLock and Seria. However, in recent years the company has been focusing intently on developing a new platform for these locks in order to concentrate its resources into a more effective product. The range being launched in the spring combines the most intelligent functions and greatest customer benefits from earlier products in a new electronic platform. New user-friendly functions have also been added.

"One example is the biometric scanning capability, with access based on a fingerprint and a personal code. Another new development is a refinement of the software and procedures for managing one-time codes," says Mats Rydén, Product Line Manager for high-security locks at Gunnebo.

THE IDEA OF ONE-TIME codes originates from the cash handling sector, where many people require access to cash storage spaces. With a permanent

single code, there is a risk that it may fall into the wrong hands, but a one-time code function eliminates that problem. Although available on previous models, Gunnebo has refined the function for the new electronic lock platform.

"For instance, you'll be able to request a one-time code by mobile phone via a unique mobile application," Rydén explains.

THE GSL 1000 CAN also be supplemented with various customised software packages and technical solutions. One example is IP communication, which enables locks to be administered remotely. This has primarily been developed for customers with large-scale operations in the bank and retail sectors. The lock can also interact and communicate with different kinds of alarm and surveillance systems, and is designed to be an integral part of the customer's existing security system and procedures.

ANOTHER MAJOR advancement with the GSL 1000 relates to user-friendliness. Inspired by the mobile sector, Gunnebo has focused on putting the user first. The traditional grey text in the lock display has now been replaced by a lit display showing logical, clearly descriptive icons that make day-to-day use and maintenance of the system easier.

Installation and advanced system maintenance are now also easier with the GSL 1000. Moreover, the lock's functions and system parameters can be

programmed from a standard PC with a Windows-based configuration application. This reduces installation time, simplifies care and maintenance, and gives large-scale users a good overview of the entire lock network.

"Whereas each previous lock platform had its own specific area of application, the GSL 1000 will be for a wider market. The new high-security lock gives customers in every sector from secure storage to banking a modern product, completely in line with the latest requirements," Mats Rydén concludes. ■

TEXT: KARIN SPJUTH

FACTS

- **GSL 1000** is the name of the platform and the actual product group. There will be various versions of the lock with increasingly advanced capabilities.
- **GSL 1030:** Standard lock designed for customers in secure storage, banking and retail.
- **GSL 1040:** Biometric capability (fingerprint scanner).
- **GSL 1050:** Includes RFID technology.

The lock will be tested to European security norm EN1300 Classes B and C, and certified to ECB•S, VdS and A2P.

Troax first with keyless storage systems

Gunnebo Troax is the first company on the Swedish market to launch a keyless lock for storage units in apartment buildings.

In 2008 Gunnebo Troax launched a new lock for its Cetus system of storage units for apartment buildings. Rather than a key, the system is based on a tag with a unique nine-digit code that cannot be copied. The system can also be extended, which means the same key can be used for all doors in the building.

For tenants the system means more security, easier key management, less break-ins to storage areas and an easier open and close function.

Moreover, both the landlord and the tenants avoid having to deal with standard keys.



No more keys for those who install the new lock for storage units.

“KEYS CAN OFTEN ENTAIL quite a lot of costs for property management companies and property owners. For instance when a new tenant moves in, the cylinder lock may have to be changed, pad-

locks broken open and so on,” says Jarno Palo, Product Manager at Gunnebo Troax.

THE SYSTEM MAKES IT POSSIBLE to monitor who has been in the storage space, and only authorised individuals can access attic or basement areas. Also, there are no keys to keep track of. A lost keytag can easily be deactivated and cannot be used without the appropriate authority.

Gunnebo Troax, which also manufactures machine and property protection solutions, is the first company on the Swedish market to launch a keyless lock for storage units in apartment buildings.

“We have launched in Sweden and the plan is primarily to expand in the Nordic region,” says Jarno Palo. ■



VisioCast – remote operation and surveillance

Gunnebo’s new, intelligent digital CCTV system, VisioCast, comprises a digital recorder, a server and a video multiplexing matrix that can show several images simultaneously. The system is available both as a hybrid and as an IP version. VisioCast is a flexible system that can be easily upgraded. The system is supplied with a number of advanced modules, including applications for point-of-sales terminals monitoring. An analysis function makes it possible to identify foreign objects or removed items.

VisioCast is designed for total remote management, thus keeping running costs to a minimum. The solution includes a web server so that several different users can operate the system via Internet Explorer and can configure the system, search for and transfer files remotely. A complete suite of software and virtual matrices for playback, remote operation and remote surveillance makes it possible to manage several networked surveillance cameras and recorders. ■

SMI Server solution with new advanced functions

The new SMI Server V2.2 presents new opportunities for integrated electronic security systems. New advanced functions have been added to the SMI Server solution to meet the ever-changing requirements of the security sector and the evolving needs of the customer.



- Full integration of biometrics for combining 1:N identification and 1:1 authentication functions.
- Real-time access display, control and CCTV management.
- Multi-family function management and adaption of access rights by user.
- New high-performance SM400 controllers for optimised field architecture. ■



The art of choosing the right lock for a safe

The lock is a small but crucial detail when it comes to safes. The wrong lock can give rise to serious technical and legal problems. Essentially the lock must be approved for the safe in question, but it is also important to think carefully about how the safe will be used.

There is a Nordic and European standard for regular door locks, but when it comes to locks for safes there is a verita-

ble jungle of measures and standards. And far from all locks are suitable for all safes.

The most basic safes on the market come fitted with a lock which can usually not be changed. With higher quality safes, however, there are generally various approved locks for each safe. The list of approved locks forms part of the safe's certification documentation.

The safe is tested and approved in accordance with one of the current EN

standards. The standards are revised every five years by the TC 263 standardisation committee. The class of safe describes its resistance to external forces, such as a certain size of cutting wheel, a gas flame for a set number of minutes and a fall from a particular height.

A LOCK FOR A SAFE is tested at least twice, by two different laboratories and to at least two different standards: the special

norm for locks, EN 1300, and the standard for the safe onto which the lock will be fitted. For a lock to be approved for mounting to a safe, the lock construction has to be adapted to the safe's mounting and boltwork construction.

"The list of approved locks forms part of the safe's certification documentation. Fitting a lock that is not approved for the safe in question is a breach of certification, and the certificate is rendered invalid," says Myriam Bevillon, Product Line Manager for safes at Gunnebo.

Anyone fitting a lock not approved for a particular safe is taking a big risk, both technically and legally.

"Technically it could either mean that the lock is blocked, or that unauthorised access is easy. The legal consequence of breaching the safe's certification is that the insurance company will not cover the items stolen from the safe," says Pieter de Vlaam, Certification Manager at Gunnebo's Competence Centre Secure Storage, and a member of the TC 263 standardisation committee.

MOST SAFES ARE certified for ten or so different locks, both mechanical and electronic. Mats Rydén, Product Manager for electronic locks at Gunnebo, estimates that approximately a quarter of existing safes in Europe are fitted with at least one electronic lock. But just over half of all safes delivered around Europe today are fitted with at least one electronic lock, and a growing number of owners of older safes are choosing to replace or supplement their older mechanical locks with electronic ones.

"In extremely tough environments with very low temperatures, moisture, sand or dust, mechanical locks may still be preferable to electronic locks. The drawback is that lost or stolen keys are a problem. An electronic lock can quickly be reprogrammed if the code goes astray or if the owner no longer wants a particular person to access the safe," says Mats Rydén.

ELECTRONIC LOCKS were introduced on the market around 15 years ago, and

they have gradually been developed and refined. Today there is everything from simple, energy-efficient locks with a handful of codes to sophisticated locks for several users with more functions.

The code which forms the basis for all electronic locks can be combined with fingerprint scanning or an electronic chip. Some locks also have an audit memory for registering and logging different events.

"The most advanced locks can connect more than 50 different users who have access to the safe at different times of the day and with different conditions. Chain stores and companies with offices in several locations may benefit from a lock that can be managed remotely via IP. Some locks make it possible to allow CIT personnel, for example, to access the safe using one-time codes," says Mats Rydén.

HOWEVER, THE MOST advanced lock is not necessarily always the best. The art is to choose a lock that suits the environment and the safe's area of use.

"The starting point is to define the procedures for use: who needs access to the safe, for what purpose, and how often will the safe be opened?" says Myriam Bevillon.

A company that opens its safe 20-25 times a day needs a different type of lock than one that opens it once a day – otherwise the battery will soon run out.

The next step is to consider whether each person should only have access to the safe during a particular time of day, week or year, and how important it is to be able to register and log events so that it is possible to go back and check who opened the safe at a particular time.

"Other important factors are where the safe will be placed – indoors, outdoors, in the basement or in the back office – and whether the site is equipped with alarms, CCTV or other security equipment," Myriam Bevillon concludes. ■

TEXT: LEENA SEKKAT

LEARN MORE ABOUT LOCKS

Gunnebo Training Centre is arranging a number of courses on locks in 2009 for personnel and customers. One course is dedicated to Gunnebo's own XN range and the others focus on building lock knowledge, from a basic to an advanced level.

- The basic course focuses on general knowledge and defining various types of lock.
- The advanced course focuses on electronic lock features and functions.

FOUR STEPS TO THE RIGHT LOCK

1. How many people will use the safe?
2. Hierarchy of users?
3. How often will the safe be opened? Is access required at all times?
4. The trick is not to buy the most sophisticated lock, but to buy the right lock – the one that suits your specific application.

For more information please contact your local Gunnebo contact.

Export companies put eco-pressure on shipping

Shipping is having a worrying effect on the environment. Gunnebo has therefore joined the Clean Shipping Project. The aim is to put pressure on shipping lines to achieve cleaner shipping. With a brand new environmental index, shipping lines and individual vessels can now be assessed, and the results used when procuring transport services.

TEXT: MARIA LARSSON • PHOTO: MAERSK



Andreas Wramsmyr, Transport and Logistics Manager, Gunnebo AB.



Gunnebo is taking part in the Clean Shipping Project, which will lead to more environmentally friendly transport. Pictured here: Emma Maersk, the world's biggest container vessel.

mental issues are positive about the project because they will now be recognised for the resources they have devoted to environmental improvements."

However, Andreas Wramsmyr is quick to point out that these are not unreasonable requirements.

"Apart from the fact that shipping lines must focus on better fuels with a lower sulphur content, we're not talking about massive investments."

AT PRESENT CLEAN SHIPPING encompasses 18 major Swedish export companies, but the aim is to expand the network.

"In the long run we hope Clean Shipping will be a global project. The first step will be to attract companies further afield in the Nordic region, and then Northern Europe," Andreas Wramsmyr concludes. ■

Clean Shipping is a project that has attracted the involvement of many Swedish export companies, including H&M, ABB, AstraZeneca, Vin & Sprit, Volvo Logistics, Tetra Laval, Stora Enso and SKF. Gunnebo also joined during the autumn.

"We consider it vital to help reduce the environmental impact of shipping. As we look at the emissions caused by the Gunnebo Group, it is clear that transport is responsible for much of our impact on the environment," says Andreas Wramsmyr, Gunnebo Group Transport and Logistics Manager.

THE ESSENCE OF the project is to classify individual vessels and shipping lines based on a new environmental index developed within the framework of the Clean Shipping Project. Data are collected on an ongoing basis and are compiled in a database, which participants in the project can then use.

"The index awards points in various areas, and these parameters can then be used by us as cargo owners to choose

the shipping line with the lowest environmental impact. However, the price/quality ratio is also considered," Andreas Wramsmyr explains.

The Clean Shipping Index encompasses environmental factors such as fuel, lubricating oil, bilge water, ballast water, hull paints, coolants and waste. The environmental index will be part of Gunnebo's work in the coming year.

THE SHIPPING INDUSTRY is currently encumbered by great, ever-increasing environmental problems. Emma Maersk alone – the world's largest container ship – emits as much sulphur dioxide in a year as 50 million cars*. At the same time, there is great potential to reduce environmental impact dramatically. However, the problem lies in implementing international regulations, as tougher requirements have not been widely adopted among the so-called flag states.

"The key now is to bring commercial force to bear on the shipping lines. The lines that are already strong in environ-

FACTS

The Clean Shipping Project is a western Swedish project commissioned by public sector organisations such as the Gothenburg Region Association of Local Authorities, the Region of Västra Götaland, the Västra Götaland County Administration and Business Region Göteborg. The project is also funded by the EU through the European Regional Development Fund. For further information about the project, go to: www.cleanshippingproject.se

* Source: Veckans Affärer (Swedish business weekly), No.16, 2008



Gunnebo has been supplying the National Bank of Cambodia with security products for 10 years. Several of the bank's local branches are to be modernised, which means new business for Gunnebo.

Growing bank business in Cambodia

In recent years Gunnebo's sales in Cambodia have increased significantly.

"Obviously, the fact that the National Bank of Cambodia is buying our products and is happy with them strengthens our position in the market," says Elsie Tay, Country Manager for Gunnebo Singapore.

Gunnebo Singapore has been supplying the National Bank of Cambodia (NBC) with security products from Chubb Safes, one of Gunnebo's physical security brands, for over ten years.

To date the orders have mainly comprised the delivery and installation of vault doors for NBC branches across the country. NBC is also the first and only bank in Cambodia which has purchased safe deposit lockers as a service for its customers.

"THE MOST DIFFICULT PART was securing the first order. Now that the customer has discovered the quality of the products, the high level of security, the design and service offered by Gunnebo, it is only natural that they contact us if they have new projects under way." This is according to Vandara Say, Managing Director of Armstrong Engineering, a dealer of Chubb Safes products in Cambodia.

DURING THE TEN YEARS Gunnebo has been supplying products to the National Bank of Cambodia, orders for upgrades and new products have already come from various quarters. For example, there have been orders from the NBC head office in Phnom Penh, as well as from branches in Kampong Cham, Sihanoukville, Siem Reap, Svay Rieng and Kampong Chhnang.

"NBC now has a bank in each of the 21 provinces. These will be modernised and renovated over the next few years. The customer has bought Chubb Safes products from the word go and will continue to do so for these projects. This is good news for Gunnebo," says Jeffrey Hermawan, Business Line Manager Secure Storage, Gunnebo Singapore. ■

TEXT: KARIN SPJUTH

The first SafeStore Auto to be installed in Oman

A SafeStore Auto Maxi is to be installed in the Bank of Muscat in Oman. It will be the first one in the country and more are to follow.

Gunnebo is the only company to deliver this kind of solution for safe deposit lockers to banks. The SafeStore Auto (SSA) to be installed at the headquarters of the Bank of Muscat is a Maxi version containing 709 safe deposit boxes.

This is phase one of a bigger project and the first product to be installed at the bank. In phase two, Gunnebo products from Outdoor Perimeter will be installed at the site.



From left: Jacob Touma, Country Manager West Asia, Ijaz Anwar, General Manager Axon and Sheikh Mohammad, National Sales Manager Axon.

The order was placed at the end of October and installation will start in the first quarter of next year.

So far seven SafeStore Auto have been installed in Qatar and six in UAE.

"This will be our fourteenth SSA to be installed in the region. We have high hopes for more orders. This particular region has huge potential," says Jacob Touma, Gunnebo's Country Manager West Asia.

"For Axon it is the second SSA order. We are proud of our association with Gunnebo and are very optimistic about future installations," says Ijaz Anwar, General Manager of Axon. ■

TEXT: LINDA GÄRDLÖV





Systems for Electronic Article Surveillance are installed in all new and remodelled Nocibé stores. Gunnebo supplies the Stargate Clear AM 58kHz – an EAS system that, according to Nocibé, helps reduce theft in stores.

EAS antennas stop shoplifters

EAS antennas (Electronic Article Surveillance) are now a matter of course when French cosmetics chain Nocibé opens new stores.

“They help reduce theft,” says Géraldine Le Borgne, who is responsible for new installations and maintenance of the stores.

Nocibé has 330 stores and a hundred or so franchise stores, making it the second largest retailer in its area in France. The company sells cosmetics, perfume and skincare products, for example, and also offers beauty treatments.

NOCIBÉ HAS BEEN WORKING with Gunnebo for many years on products that tighten security and reduce shoplifting in the retail environment. The company has chosen Fichet-Bauche safes, which are

part of Gunnebo’s range.

“Today we buy all our safes from Gunnebo and all our stores have safes,” says Géraldine Le Borgne.

Nocibé is also investing heavily in EAS antennas in the stores and also works with Gunnebo in this area. EAS antennas have been installed in all its new stores and remodelled stores in France since 2005.

“The system is a deterrent, and therefore important in fighting theft. So far we have installed antennas in over 100 stores.”

GÉRALDINE LE BORGNE mentions several reasons why Nocibé has chosen Gunnebo to supply the antennas.

“The system is compatible with the anti-theft labels we already have on all our products in store. We also like the

design of the antennas, and the price for the equipment and installation is competitive,” she says.

Nocibé also appreciates the follow-up that Gunnebo offers, as well as the system for reactivating the labels.

THE COMPANY WOULD consider developing the installed system in future to tackle theft from goods being smuggled out in specially prepared bags. Géraldine Le Borgne thinks that metal detectors would be a good solution.

“But the solution would be of even more interest if the metal detectors could be integrated with the antennas,” she says.

Nocibé currently has more than 2 000 employees and an annual turnover of 420 million euros. ■

TEXT: MARIA LARSSON

New SafePay™ SCL – ink-protected from customer to counting centre



The last piece of the puzzle is in place. SafePay™ SCL is a completely closed cash handling system with ink protection all the way from payment to the counting centre. John Ravn, Controller at Danish retail chain Coop Fakta, has been involved in the whole journey.

SafePay™ has been developed further and today offers a completely closed cash handling system.

“It feels great. From the very beginning we’ve advocated a 100 per cent closed cycle, where no one comes into contact with the money until it reaches the counting centre,” says John Ravn, who has actively taken part in the development of SafePay since the late 1990s when work on the very first system began.

Coop Fakta installed its first SafePay in 2003, and since 2007 it has been testing a prototype of the new SafePay SCL in which the special bag in the cash transfer unit has been replaced by a locked, ink-protected container.

THE LAST PIECE of the puzzle in the SafePay system has been developed in close co-operation with a work group comprising John Ravn and 15 or so other representatives of various companies, including Coop Fakta’s biggest rival Dansk Supermarket, Statoil and Shell, CIT companies Loomis and Danish DVH and Coop Sweden.

“When it comes to security we’re not competitors. We’ve been working together on cash in transit solutions for a long time, and we think it’s a major advantage to also be able to collaborate on a security standard,” says Ravn.

The work group has met around 25 times since the development process began in 2007, and still meets several times a year to discuss other potential collaborations.

“Our close co-operation and the opportunity to find out the group’s thoughts, ideas and requirements have made it possible to move very quickly from idea to finished solution, and to then quickly roll out the product on the market,” says Tobias Gunnesson, Product Line Manager SafePay.

TO DATE SAFEPA SCL has been installed in 250 stores in Denmark. At least 500 SafePay will be installed in 2009 in Denmark alone.

“There is also very strong demand in Sweden, Norway and the Netherlands. The cash transfer unit works in all countries, although co-operation with cash transit companies in each country is required to ensure integrated handling with the local infrastructure,” Gunnesson continues.

Coop Fakta, which has installed the system in around 100 stores to date, has initially prioritised the most vulnerable stores in large towns and cities such as Copenhagen, Esbjerg and Odense. John Ravn has talked about the installations on several occasions in the Danish press and on TV.

“I hope the information will reach anyone thinking about robbing a store, so they understand there’s no point if it’s a Coop Fakta. Even a failed robbery places a lot of strain on personnel. It’s terrible to be threatened at gunpoint or

with a knife,” says Ravn.

The next stage in the development of SafePay has already begun. The focus now is on developing and refining the services, such as the CIT companies’ planning and depositing in the store account. ■

TEXT: LEENA SEKKAT

FACTS

SafePay already includes a cash transfer unit, the SafePay CTU, where cash from each checkout is deposited in a special bag. The bag is automatically sealed prior to collection, but is unprotected for the few seconds it takes the CIT personnel to move the bag from the SafePay CTU to a secure case.

SafePay SCL stores the cash in an ink-protected security case. The CIT personnel remove the locked, ink-protected case from the SafePay SCL and replace it with an empty SCL Case. The money is therefore ink protected all the way from payment to the counting centre.



Bank ravaged by fire

– But valuable documents in fire-resistant safes survived

TEXT: MARIA LARSSON PHOTO: BILDBYRÅN



Last year an intense fire swept through a branch of Swedbank in Stockholm, Sweden. In a matter of moments, 450 work stations and vast quantities of material were destroyed. However, materials stored in fire-resistant safes escaped unscathed.

It is one year since the Swedbank branch in Stora Essingen, Stockholm, was ravaged by fire. The fire broke out late one

In February 2008 a major fire swept through Swedbank's Stora Essingen branch in Stockholm, Sweden. Several important documents were destroyed in the fire, but thankfully Swedbank had recently invested in fire-resistant safes from Gunnebo. The documents stored in those safes were unharmed.

evening so none of the 900 employees were harmed. But one of the buildings in the office complex was so severely damaged by smoke, soot and water that 450 work stations became unusable. The firefighting operation itself took over five hours.

Swedbank's own crisis group was quickly on the scene. That night and in the days that followed, they worked extremely hard to try and resolve the most urgent problems. These included securing new work stations, maintaining the IT function and limiting the negative impact for customers. Large numbers of documents that only existed on paper were also destroyed during the fire, which posed certain problems. However, Swedbank had previously purchased fire-resistant safes from Gunnebo (Rosengrens) which were opened the day after the fire.

"Material placed in safes in line with our routines was unharmed, but a lot of other material was damaged by smoke or water," explains Peter Wångren, chairman of the bank's crisis group in a magazine interview*.

A FIRE CAN NEVER be anticipated and complete protection is impossible. But the damage caused by fire can be minimised, and fire-resistant safes play an important part in this. There are, however, several important aspects to consider before buying a safe. This is according to Pieter de Vlaam, Product Line Manager, Secure Storage at Gunnebo, and a leading expert in fire issues.

"To choose the right fire-resistant safe you have to know what valuables are to be stored in it and where the safe will be located, especially bearing in mind any combustible materials that may be nearby. If even one of these parameters is forgotten, the choice of safe could quite simply be completely wrong," he says.

The temperatures a material can

withstand vary greatly. Paper documents can take temperatures of 170°C, while data media containing plastic – such as CDs and USB memory sticks – can only survive up to 50°C.

WHERE THE SAFE is placed is also very important.

"In our role as supplier we need information about the building itself: how it is constructed, what load the floor will take, as well as what systems are installed in the building to detect and prevent fire," says de Vlaam.

Other important considerations are how many people will use the safe and how often it will be opened. Furthermore, information is also needed about internal and external security procedures.

RESEARCH SHOWS that it generally takes between one and two hours to bring an office fire under control, although this excludes the extra hours it takes for the heat to subside.

"It may be that the valuables are fine immediately after the fire, but the firefighters have other things to think about than cooling down a safe. That's why it's important to choose a fire-resistant safe that can withstand high temperatures for a long time," de Vlaam explains.

* *Finansvärlden (business journal) March 11, 2008*

FACTS

Swedbank is one of Sweden's leading banks with a total of 9 million private customers and around 500 000 corporate customers primarily in Sweden, the Baltic States and Ukraine.



The city of Cali in Colombia has recently invested in a new bus transport system to solve its traffic problems. Gunnebo has been chosen to supply passenger gates for the system.

FACTS

- Gunnebo has previously supplied passenger gates for Colombia's BRT systems in Bogotá, Pereira and Medellín.
- The order for Cali MIO encompassed 168 turnstiles designed by the customer for access to the stations, 60 entrance gates (GlasStiles S) for disabled access and 100 turnstiles for use on buses.
- A modern BRT system can transport as many people as a rail-bound system, but the investment cost is only 5–10% compared with a tram or metro system. It is also far quicker to have a bus-based system up and running once a decision has been made.
- Union Temporal RYT comprises Colombian and Brazilian companies and will now be operating the system for the next 18 years.

Race against clock when new public transport system installed in Colombia

When the city of Cali in Colombia decided to install a new bus transport system, it chose Gunnebo to supply the passenger gates.

The problem was that 200 units had to be installed in 45 days.

"It really did seem an impossible task – but we managed," says Leo M. Detassis, Business Development Manager – Metro, Gunnebo.

More and more Colombian cities are choosing to solve their traffic problems with an advanced system for local buses. The system is called Bus Rapid Transit (BRT) and can be likened to an underground train network, but above ground and with buses.

A BRT system has its own roadway with protected bus lanes, the buses have higher passenger capacity and they call at stations rather than bus-stops.

Colombia has made a lot of progress with BRT systems and they have already

been established in Bogotá, Pereira and Medellín Metrocable using a similar concept. Moreover, in December a new BRT system was launched in Cali, the country's third largest city.

FUNCTIONING ACCESS CONTROL is essential for coping with large passenger numbers quickly. When Cali decided to build its system, called Cali MIO, Gunnebo was therefore asked to supply passenger gates. The order was worth 700 000 euros in total.

"It wasn't a massive order, but it was a strategically important project because it consolidates our position on the transport market in Colombia," says Leo M. Detassis.

"It's also important for future assignments. There are 14 cities in Colombia that are currently introducing BRT systems or planning to do so."

Once the agreement was signed it was full speed ahead for Gunnebo.

The customer, local distributor Fichet Colombia, had stipulated that 200 units had to be delivered within 45 days.

"It really did seem to be an impossible task. But thanks to tremendous efforts from the factory in Italy, where the turnstiles are made, we managed to achieve our goal," says Detassis.

CALI MIO IS ONE of the biggest BRT systems in Colombia and it has attracted a lot of attention – not least because it took almost two years for the project to get started. The tender procedure was repeated twice until a winner was announced and an agreement was finally reached with a local consortium, Union Temporal RYT. The new BRT system was finally opened in December 2008. ■

TEXT: KARIN SPJUTH

PHOTO: FICHET COLOMBIA

Spanish high-speed trains expanding

– Gunnebo secures evacuation routes



Spain is at the forefront in Europe when it comes to high-speed trains. New tracks are continuously being laid, and evacuation routes are being built in the many tunnels under construction. Gunnebo makes sure the tunnels are equipped with explosion and fire-resistant doors.

Spain is investing heavily in railways, and extension of the high-speed rail network is fully under way.

To guarantee safety in the new long railway tunnels, Gunnebo has supplied and installed fire- and explosion-resistant doors.

Spain has positioned itself as one of Europe's most modern rail nations. The first high-speed line was opened back in 1992 between Madrid and Seville. Cities such as Toledo, Malaga and Barcelona now all have express links with the capital. By 2020 Spain plans to have the largest high-speed rail network in Europe.

HIGH-SPEED TRAINS cannot run on old rails, they need new ones. To cope with the high speeds, the new track has to have straightened bends and be as flat as possible. The result is a lot of tunnels. Rather than running the track over the mountains, they go straight through.

"Each tunnel has two bores, one in each direction. Between them are galleries which act as evacuation routes. If there's an accident in one bore, passengers can get to the other side," explains

Manuel Latorre Marin, Marketing Manager at Gunnebo Spain and Gunnebo's account manager for the project.

FOR THE GALLERIES to do their job, the doors need to be extremely strong. They have to be able to withstand a pressure of 7,5kPa (kilopascals) and be fire-safe for 120 minutes.

Gunnebo's fire- and explosion-resistant doors meet these requirements.

"We have previously supplied and installed them in the Abdalajis Tunnel on the Madrid-Malaga line. We're also currently working on another three tunnel installations," Latorre Marin explains.

THE TUNNELS ARE managed by Adif, a Spanish public enterprise equivalent to a national railway administration, which has the task of implementing the infrastructure decisions made by Spain's government.

"So far we've received orders worth 750 000 euros, and Adif have told us they want fire- and explosion-resistant doors for future tunnels as well. So there is good potential for future business," Manuel Latorre Marin concludes. ■

TEXT: KARIN SPJUTH

PHOTO: MIKEL ORTEGA

FACTS

The three tunnels where Gunnebo is currently installing products are:

- The Pajares Tunnel between Madrid and Asturias.
- The Montcada Tunnel on the Madrid-Barcelona line.

■ The Loja Tunnel between Malaga and Granada.

The high-speed rail link between Madrid and Barcelona reduced the journey time from 6 hours to 2 hours 40 minutes.

High-security protection for high-risk sites – worldwide

Embassies, nuclear power plants, logistics centres, airports, prisons and military bases are all among the sites identified by Gunnebo as requiring high-security protection. While the activities of these sites differ widely, they all require protection from theft, sabotage, vandalism, terrorism and espionage.

Gunnebo One Company was introduced in 2005 with the ambition of fully integrating Gunnebo's different businesses. The new organisation was to focus on certain selected customer groups in need of high security and to provide them with a full security system scope, i.e. customers in the bank, retail and site protection sectors.

In late 2007, Gunnebo began the proc-

ess of deepening the analysis of special needs within the identified target segments in Site Protection.

THE GOAL IS SET on designing offerings with respect to systems, concepts and services to reflect the special requirements of the selected customers and to organise activities and efforts to better match their needs.

In 2008, Gunnebo completed the first round of reviews focused on embassies, logistics centres and nuclear power plants. The markets have been analysed, the concepts and systems developed, the communication systems improved and Business Development Managers have been appointed.

Gunnebo has a vast range of top-quality high-security products and

with its extensive collective knowledge and expertise, is the market leader in its fields of the security industry. The results of the current process will further enhance our ability to supply our target customers with a full high-security offering reflecting their complete needs and requirements. ■

TEXT: LINDA GÄRDLÖV

FOR MORE INFORMATION,
PLEASE VISIT:

www.gunnebo.com/logistics
www.gunnebo.com/nuclear
www.gunnebo.com/embassy



LOGISTICS

The transport and logistics sector is an international and ever-evolving field: multiplicity of exchanges, flexibility, development of new activities, variety of players and strong competition. All these factors contribute to a complex environment and the need for a security solution which meets the specific needs of this sector. In this way, protecting logistics infrastructures and transport equipment is a main concern for the

whole industry. Today, Gunnebo is able to provide a transport and logistics solution, or parts of a solution or products, fulfilling market and customer requirements, not forgetting maintenance, on a pan-European level. The range includes exterior high-security perimeter protection, interior entrance control, electronic security, intrusion detection and various solutions for efficient secure storage.

"Our offering aims to provide added value—we do not simply deliver products,



Christer Boström

or bundles of products, but solutions that bring our customers savings on time and cost, as well as increased security," says Christer Boström, Business Development Manager Logistics. ■



Jean-Marie Hauswald

NUCLEAR

The security of nuclear power plants or nuclear research centres is a major concern for governments and energy providers. The threat of disturbance or attack from activists or terrorists, demands a complex and coherent security structure covering all areas of a site.

“With our large platform of security solutions and products, our worldwide

presence and historical experience in this market, Gunnebo is already a well-known partner for energy professionals in many countries,” says Jean-Marie Hauswald, Business Development Coordinator for the nuclear sector.

“The main goal with the specialist team is to gather local experience and best practices. This will improve the synergies of the existing solutions and their fulfilment of customers’ expecta-

tions, helping us to become the preferred partner in this area.

“Another task of international electricity providers, nuclear equipment producers, governmental or supra-national institutions and engineering companies is their international and cross-border projects. A big challenge, but there are several positive and encouraging signals,” says Jean-Marie Hauswald. ■

EMBASSY

The security of embassies and other diplomatic sites is a major concern for governments. The threat of attack from international terrorism demands a complex security structure. With our in-depth knowledge of critical infrastructures, considerable technological expertise and a continuously developing range of products and solutions, Gunnebo offers embassies the total security package, ensuring reliability, flexibility and a high level of quality, around the world.

“Gunnebo provides complete security solutions including equipment, software and value-added services. We are able to lead the process from start to finish, from architecture definition to systems integration, installation and implementation, and of course ongoing maintenance once installation is complete,” says Thorsten Grunwald, Business Development Manager for embassy security.



Thorsten Grunwald

Gunnebo’s offering for embassies includes access and entrance control, outdoor perimeter protection and electronic security.

“There are 4 000 embassies in the Gunnebo countries alone and we have already been contacted to provide security to many embassies in the EU, the UK, Spain, Australia and elsewhere,” says Thorsten Grunwald.

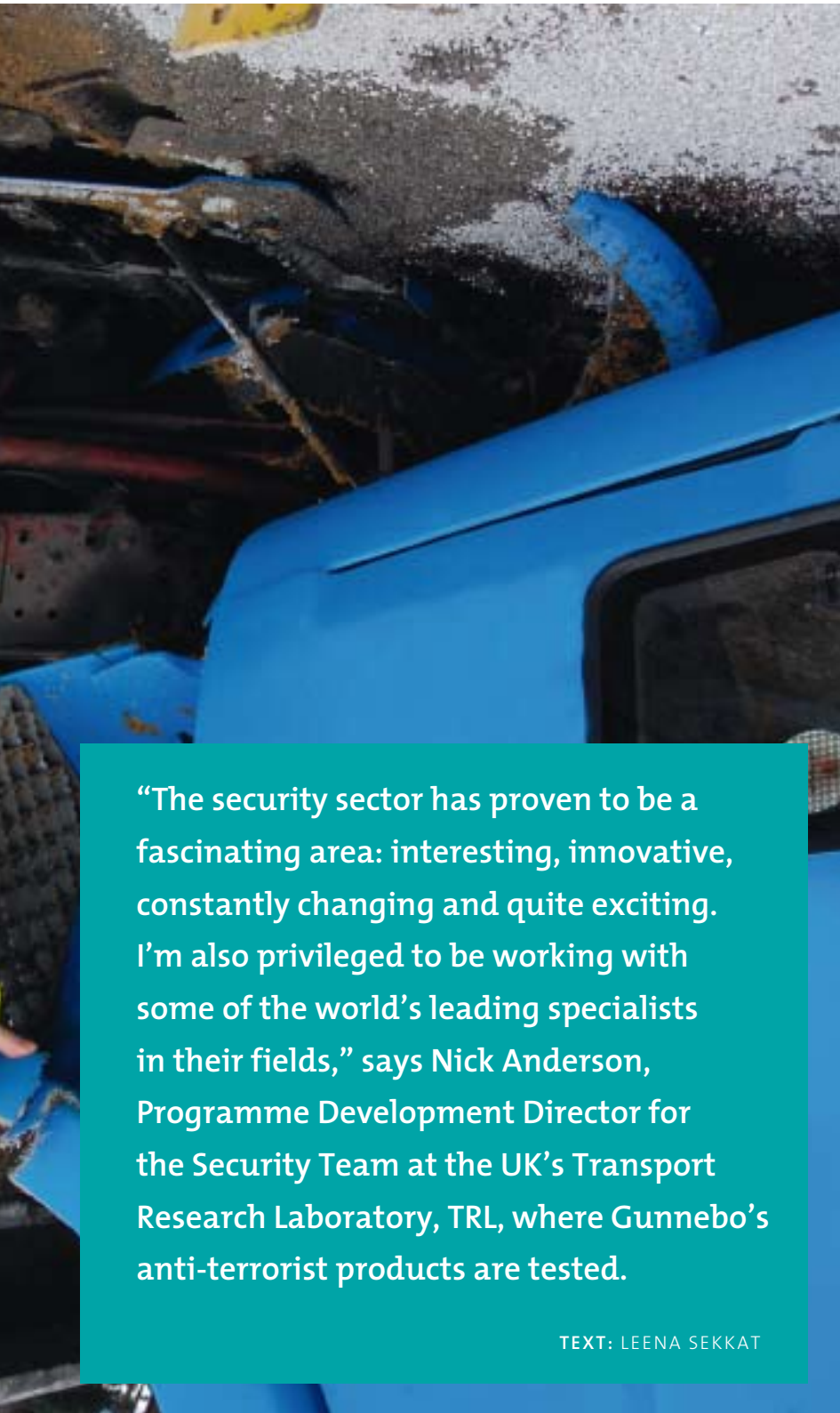
“Gunnebo are ahead because we not only provide the products, we also offer product maintenance and full solutions everywhere in the world. We have an adaptable organisation and the concept for Gunnebo will be to create a specialist team to become market leader in this business area.” ■



“Security is a fascinating



area”



“The security sector has proven to be a fascinating area: interesting, innovative, constantly changing and quite exciting. I’m also privileged to be working with some of the world’s leading specialists in their fields,” says Nick Anderson, Programme Development Director for the Security Team at the UK’s Transport Research Laboratory, TRL, where Gunnebo’s anti-terrorist products are tested.

TEXT: LEENA SEKKAT

Nick Anderson has a degree in psychology and previously worked in border control and airport security at Gatwick. He has also travelled widely after several years with international consultancy firm Halcow. He joined TRL in 2005, largely by chance, after a few years working as a freelance consultant.

Nick says he has always been interested in what drives people, why they make particular decisions and how their perception of the world is shaped.

“I thought studying psychology would help me understand behaviour and attitude change, but just like other things in life I’ve realised that books and theoretical knowledge are one thing, while true insight springs from personal experience.”

THE TRL SECURITY TEAM is made up of three professional groups and around 20 employees specialising in impact testing, security assessment and consultancy services and design innovation. TRL also has a large number of experts covering every conceivable area related to transport issues – from roads to aviation. Nick’s job is to agree the strategic plan for the security operation and then make sure that it is implemented.

TRL conducts around 35 crash tests every year, and it has been a leader in this area, especially in the development of consistent standards to assess the design, installation and function of road blockers. This now forms the foundation for the possibility of a European quality standard for road blockers.

“A common standard will bring peace of mind for producers and customers alike. Under the present arrangements a manufacturer can market a security blocker that may not have been impact tested at all!” Nick explains.

NICK LIVES WITH HIS WIFE Tracy and their two youngest children in picturesque Wiltshire, to the west of London, and commutes the 100 or so kilometres to TRL in Berkshire – that is, when he is not working from home, a 19th century house that takes up most of his free time. The family left London in the late ’90s and has since gradually restored the house.

Every Friday he is in the studio down

“We must all endeavour to be well-informed, attentive and vigilant.”

at local radio station Swindon 105.5 with his friend Barry Harris for their own show *The Big Weekender* – three hours of information on local goings-on, interwoven with light-hearted chat, interviews and music.

THE HOUSE, GARDEN AND radio show stand in stark contrast to the considerably tougher reality Nick touches on in his job. TRL’s Security Team was set up in 2001 after the Twin Towers attacks, and is now the only organisation in Britain authorised to carry out crash tests according to British PAS 68 and American DOS standards.

Having two international standards makes life more complicated for Gunnebo and other manufacturers of high-security products. Countries close to the UK demand products tested and approved to PAS 68, while those closer to the US demand certification from DOS.

“Obviously the ideal would be to agree on a single, harmonised standard, but that’s a long and complicated process. Both Britain and the US have long worked to develop standards, and different vehicles behave differently when they collide with a road blocker,” Nick comments.

HE MENTIONS A SCENARIO where a European-made lorry is effectively incapacitated after crashing into a road blocker developed in Europe. When the same road blocker is hit by a lorry of a different construction, it does not perform in the same way.

“So I think harmonisation is still a while off. We may even need different standards or performance options, for different situations around the world – depending on what the local threats are assessed to be,” says Nick.

He believes that education and social development are at least as important as legislation and enforcement measures when it comes to stopping international terrorism, which is constantly assuming new forms and adopting new methods. In his view the trend towards targeting softer, less highly guarded targets such as hotels may well continue, but warns against the temptation to meet that threat with more road blocks, more CCTV cameras and greater government control.

“If we do that, we’ll create the sort of restricted society that the terrorists are aiming for. It’s a question of constantly balancing what’s technically and electronically feasible with the kind of liberal society we want to live in,” believes Nick.

HE SAYS THAT OUR faith in technical solutions is a good thing provided that the technology genuinely fulfils clear and defined requirements, but stresses that the responsibility for a safe society does not only rest with the security professionals.

“We must all endeavour to be well-informed, attentive and vigilant. Passengers became more watchful after the 7/7 London transport bombings, but only temporarily. The challenge lies in constantly being on the lookout, without letting the fear of a new attack take control,” says Nick, adding that there is rarely a simple explanation for what goes on in our complicated world.

“Personally I always try to see things from different points of view, and expressions of extremism really do concern me, wherever they originate. The implied intolerance that usually springs from such views tends to restrict thinking and that needs to be confronted.” ■



NICK ANDERSON

Age: 50

Family: Wife Tracy, children

Emma, 23, Freya, 15 and Brody, 10.

Lives: In a (stubborn) 1850s house in a small village in Wiltshire.

Free time: Working on the house and growing vegetables. Own Friday local radio show *The Big Weekender* with friend Barry Harris.

Reads: Preferably books that give an insight into other cultures, most recently *A Thousand Splendid Suns* by Khaled Hosseini.

Listens to: Rock music. Foo Fighters, Kings of Leon but also The Beatles.

Eats: Everything from a good curry to steak or spaghetti.

Drinks: Preferably a red Rioja.

Travel: Rarely to sunspots and typical tourist traps, more often to Oregon, Berlin and other places with big outdoors or plenty of history.

Motto: “You don’t learn to swim in a library”.



TRL

TRL was founded in 1934 as part of Britain’s Ministry of Transport. Privatised in 1996, TRL is an independent commercial organisation with over 450 staff, including world-recognised experts in transportation, infrastructure, vehicle engineering, sustainability, safety, security and investigations.

TRL provides impartial consultation, advice, testing, certification and research for a range of issues, linked to the transport sector.

TRL supports governments, public and commercial operators of critical infrastructure and security companies with research and development, testing and certification of security products and outdoor perimeter security assessment techniques, as well as specialist consultancy for mitigating the effects of hostile vehicle attacks.



The roadshows gave listeners important information about Gunnebo, along with refreshments and a chance to mingle.

INDIA:

Roadshows increase business by 62 per cent

There are around 70 000 banks in India. This makes it virtually impossible for senior managers to visit each branch in person. Instead Gunnebo is conducting roadshows.

“Over the past two years we have increased our business with the bank sector by 62 per cent, largely thanks to our roadshows,” says Raju Dayani, Vice President Sales & Marketing, Gunnebo India.

In autumn 2008, Gunnebo India carried out a major tour of the whole country. They met over 1 500 customers in total during the 15 roadshow stops.

“The aim was to launch a new product, an electronic alarm system. At the same time it’s an effective way of building relations with new and existing customers. We get to meet a lot of people in a short space of time, and they have a chance to see and touch our products,” says Raju Dayani.

A roadshow is preceded by careful planning. The customers are prepared in several groups, and the show is meticulously thought out. There are lighting arrangements, a professional speaker and a screening of a film about Gunnebo, its products and security trends in general. The presentation is followed by cocktails and dinner.

“We’ve held several roadshows and have had an excellent response. In recent years we have increased our business with the bank sector by 62 per cent. A lot of this is founded on the contacts and relations we establish during the roadshows,” says Raju Dayani.

A new electronic alarm system, VADS (Vault Alarm Dialer System), was presented during the autumn. There is already proof that the autumn shows have had an effect. The very first week VADS was launched Gunnebo received 50 orders from India’s largest bank, State Bank of India. ■

DENMARK:

A 60-year anniversary

Smith Erik Arne Berg celebrated a big anniversary in November – 60 years with Gunnebo Denmark.

“Thanks to a good atmosphere and a lot of fine colleagues, I’ve never felt the need to look for another job,” he says.

During his career he has worked both as a fitter and a locksmith. After 50 years with the company he was presented with a royal reward medal and enjoyed an audience with Queen Margrethe. His 60th anniversary was marked by a grand reception in the company offices. And even now Erik Arne has no plans of retiring.

“As long as I’ve got my health I’d like to carry on a few more years,” he says. ■



Tom Christensen (left), head of Gunnebo in Denmark, congratulates Erik Arne Berg on 60 years with the company.

POLAND:

Gunnebo Poland installs 8 units of AutoSec

One of the largest Swiss banks has selected Gunnebo Entrance Control and ordered eight AutoSec – high-security, motorised revolving doors – to divisions in Poland. Four of them were installed

in July and November 2008. Installation of other AutoSec will take place in May 2009.

“Solutions for controlling the flow of people into and out of buildings are very

important – especially for banks,” says Tomasz Krulak, Business Line Manager for Site Protection at Gunnebo Poland. The AutoSec product gives our customers a high degree of safety.” ■



The banks in Laos are now fitted with Gunnebo products. Here, Mr Ngan Youra Tauch, Manager of Vientiane Branch, and Miss Vilavanh Leuanghan, Vault Attendant, in front of a new safe.

SINGAPORE:

First Chubbsafes order in Laos

Gunnebo Singapore and local partner Kerberos Security Systems have sold their first products to the bank sector in Laos.

Until recently, Laos had no international banks. Now both Standard Chartered Bank and ANZ Bank have started business in the country. Banks from the neighbouring countries are also represented, including Acleda Bank of Cambodia. Generally speaking there has not been much of an emphasis on security in the bank sector, but in 2008 Gunnebo and Kerberos Security Systems have

consciously focused on entering the market – and succeeded.

The first customer was Acleda Bank, which has installed safes, vault doors and vertical cabinets. The next order came from ANZ, which has fitted safes and filing cabinets.

Laos is planning to become a member of the World Trade Organization (WTO) in the next few years and foreign investments are expected to increase, which leads Gunnebo to anticipate more orders from the financial sector. ■

INDIA:

Gunnebo protects one of the world’s biggest refineries

One of the world’s single largest local oil refineries is being built in Jamnagar in Gujarat, north-western India. When finished it will have a capacity of 1.2 million barrels a day.

Behind the project is The Reliance Group, India’s largest private industry group with Reliance Industries as its main flagship.

Needless to say, all that precious oil

needs protecting. Gunnebo, a product supplier to Reliance Industries for the past five years, has therefore been asked to provide outdoor perimeter protection products for the refinery. The order was worth 32.1 million Indian rupees (around 500 000 euros) and encompasses sliding gates, swing gates and boom barriers.

Installation is under way and is expect-

ed to be completed by Q1 of 2009.

“This could possibly lead to other large orders. Reliance Industries has so many industrial sites all over India and most are either under construction or being modernised. So we’re looking forward to winning a lot more contracts like this in future,” says Dinesh Babbar, head of the Fire Protection Systems business unit. ■

ABU DHABI:

Gunnebo secures the airport in Abu Dhabi

Following tough competition Gunnebo won the order to secure the airport in Abu Dhabi. The project, which began two years ago, entered its third phase in December.

Gunnebo has delivered products to the Abu Dhabi airport since 2006. Installation of the SpeedGates began in December 2008 and will be finished in February 2009.

Fifty-seven cabinets arrived by air from Italy where they were constructed at the Gunnebo Competence Centre Entrance Control in Lavis.

The SpeedGates are placed in the newly built extension to the airport and

in the customs area.

“The competition to get this order was very tough and we are happy that the customer finally went with our products and solutions for the site. It is a privilege to be associated with Abu Dhabi Airport which is one of the fastest developing airports in the region,” says Jacob Touma, Country Manager West Asia.

“The professional support of Gunnebo Middle East combined with the excellent quality of Gunnebo material and the remarkable technical team of Falcon Eye Technology, has made this project a landmark in the Entrance Control

industry within the Middle East region. We are glad to be working again with Gunnebo on this prestigious project,” says Habib Halabi, Managing Director at Falcon Eye Technology LLC. ■





This particle accelerator is located in the 27-kilometre tunnel. Access to the tunnel is restricted and partly handled using Gunnebo entrances.

SWITZERLAND:

Gunnebo shields answer to mystery of the universe

By simulating the Big Bang on a miniature scale, scientists hope to establish how the universe was formed.

Taking place in Geneva, the project is one of the most experimental ever in the field of particle physics.

To ensure that only authorised individuals have access to the spectacular Large Hadron Collider where the experiment is taking place, Gunnebo has supplied 40 security booths.

More than 50 years ago, 12 nations signed a convention to establish the CERN particle physics laboratory, which

aims to answer the mystery of how the universe was formed. Today 20 countries are involved and over 6 000 scientists from all over the world are working on the project to study the forces that govern the universe, and what happened in the Big Bang.

TO FIND OUT, a 27-kilometre long tunnel has been built underground. It is called the Large Hadron Collider (LHC) and is a particle accelerator. In it, minuscule particles will be collided at extremely high speed to turn energy into matter – just like when the universe began.

The first collision took place in September 2008, and at least a year's worth of data is required before any analysis can be carried out.

NEEDLESS TO SAY, a high-risk project demands high security. Gunnebo has therefore supplied 40 security booths, CompactSave, for the collider. They will ensure that only authorised people have access, and that not too many personnel are on site when the collider is not in use. In addition, the booths guarantee that all personnel are outside of the hazardous LHC zone when the machine is in operation.

“What distinguishes this booth from others is that the control system is mechanical. This means there are fewer electronic details, which in turn makes it more secure even if subjected to radioactivity,” says Jean-Gabriel Perreten, Senior Business Manager at Gunnebo Switzerland.

GUNNEBO'S INSTALLATION in the collider took 12 months and entailed a fair amount of risk.

“It was a very interesting project technically, but also a difficult one. The work environment was tough and demanding; not only was it very hot inside the collider tunnel, but the air was bad as well. Our engineers even had to wear masks. There was also a fire and gas hazard, which meant being constantly prepared for an emergency.” ■

TEXT: KARIN SPJUTH **PHOTO:** CERN

WORLDWIDE:

Framework contract with the European Commission

The Gunnebo Security Group has, through its Competence Centre Electronic Security, signed a framework contract to provide services and solutions to the European Commission's Delegations across the world. This framework contract will be carried out over the next four years through specific contracts worth up to a maximum of 40 million euros.

“This is a highly prestigious agreement that shows the strength of Gunnebo as an integrated security group. In the contract, a broad range of Gunnebo products and installation skills for worldwide delivery are specified,” comments Göran Gezelius, former President and CEO of Gunnebo AB. ■





Despite tough attacks, the criminals could not open Gunnebo's safe. The attempted robbery ended with the robbers fleeing while the money was left untouched.

Criminals foiled by Gunnebo safe

Gunnebo safes protected assets from armed robbers, despite four explosion attacks. The drama took place in Johannesburg, South Africa in early November 2008.

The attempted robbery occurred on one of South Africa's busiest motorways. Seventeen men, armed with AK47s and driving a minibus and two cars, stopped a security van. According to police, the van came under fire and was forced off the road.

However, despite four attacks with explosives the Gunnebo safe – a Chubb safes 280 L CAT 4 – remained completely intact. The would-be robbers ended up completely empty-handed. ■

