

# References



COMFORT | ORGANISATION | SECURITY



# References across borders

EVVA has been serving its customers since 1919. All this time we have been steadily evolving into one of Europe's leading security technology manufacturers. Our large number of references is proof of our success: Clients from all over the world place their trust in the EVVA brand, the high quality of our products and our employees' high level of expertise.

The 9 reference projects presented in this brochure serve as examples of the countless facilities EVVA has recently equipped with its systems. These examples from different sectors provide you with an interesting overview of our services. The projects are indeed very different, but all EVVA solutions always include the three factors of convenience, management and security.

Our years of experience can also be of great benefit to your company or institution. EVVA offers you particularly reliable and innovative security systems, using both mechanical and electronic components. See for yourself – in this brochure or by contacting your EVVA customer advisor or partner to arrange a meeting.





# Contents



Administration buildings		07
Logistics companies		11
Pharmaceutical companies		15
Educational institutions		19
Infrastructural facilities		23
Hospitals and nursing homes		27
Industry and business enterprises		31
Culture institutions		35
Hotels and health & fitness companies		39



**access to security**





# Solutions for Administration buildings

Benjamin R., operator

Faced with a challenge.

His expectations fulfilled

Security in a large complex  
guaranteed.





# A ship on Vienna's outskirts

With its pink "T" as a figurehead, T-Mobile Austria's headquarters rises as a proud flagship above the grounds of the former St. Marx slaughterhouse. This major project was completed in record time. With its complex building security requirements, it was clearly a case for EVVA's all-inclusive conceptual design.



## High-tech on a grand scale

In January 2002 work began on one of the biggest building projects in Vienna: the T-Mobile Center on Rennweg. The Austrian star architects' group Domenig/Eisenköck/Peyker designed the headquarters for a high-tech ITC company for the grounds of the former St. Marx slaughterhouse. Conveniently linked to infrastructures, the area still has enough space for new major development projects.

In order to be able to respond to different user needs, the complex is divided up into four main parts: a) the base area for parking, storage, the building services and computer centre, b) the public area with stores, service centres, fitness area, medical centre and kindergarten, c) the wing, where most of the offices are housed and d) the three building "fingers" which leave scope for a possible building extension for offices, but which is also conceived as a space for building a hotel area.

Transparency and permeability are supposed to shape the communications centre's character, although such a huge complex also requires a high standard of building security.



## The challenge

Together with its experts, EVVA planned and implemented a comprehensive security concept which it can show off with pride. Different security areas were an important issue as was security system extendibility. Of utmost importance was the protecting the "red zone", the computer centre, against tampering. EVVA's SALTO electronic locking system rose to the challenges and overcame them.

## Suitable security solution with SALTO

About 500 doors had to be linked online and fitted with cameras with integrated digital image display; 700 more doors were equipped with offline fittings. Two identification technologies, Legic and HID, were used to provide different security levels for access authorisations. T-Mobile alone has about 2,600 employees; the building also



houses employees at the affiliated company T-Systems Austria as well as other tenant companies and, of course, the customers. The whole system, which also included turnstiles, the security centre and the video surveillance system, had to be integrated into

the in-house security system.

All in all a complex operation for security technology. This trendsetting project enabled EVVA to demonstrate once more its high level of expertise in security matters.



### ▶▶▶ EVVA Technology On Site

#### SALTO electronic locking system



- ▶ with Legic and HID technology
- ▶ Over 1,000 controlled access situations
- ▶ Over 2,000 people managed
- ▶ Integration of turnstiles, video



## References

# Administration buildings

**T-Mobile Center Vienna, Austria**

**Spreebogen Berlin, Germany**

**Basler Insurance, Switzerland**

**Österreichische Nationalbank Vienna, Austria**

**Uno City Vienna, Austria**

**Weisse Arena Films/Laax, Switzerland**

**Parliament Vienna, Austria**

**PRO 7 Munich (TV channel), Germany**

**Porsche Headquarters Bucharest, Romania**

**Vienna Congress Centre, Austria**

**Donauzentrum Vienna, Austria**

**Customs and Excise Regional Office Basel, Switzerland**

**Bavarian Regional Parliament Munich, Germany**

**Federal Office of Criminal Investigation Berlin, Germany**

**Federal Mint, Germany**

**Wangen Municipal Administration, Switzerland**

**Bank Austria, Austria**

**Millennium Center Budapest, Hungary**

**VW Distribution Centre Ludwigsfelde, Germany**

**ORF (broadcaster), Austria**

**Bank CIAL Basel, Switzerland**

**NEWS Verlag (publisher), Austria**

**IBM Vienna, Austria**

**Wincasa Winterthur, Switzerland**



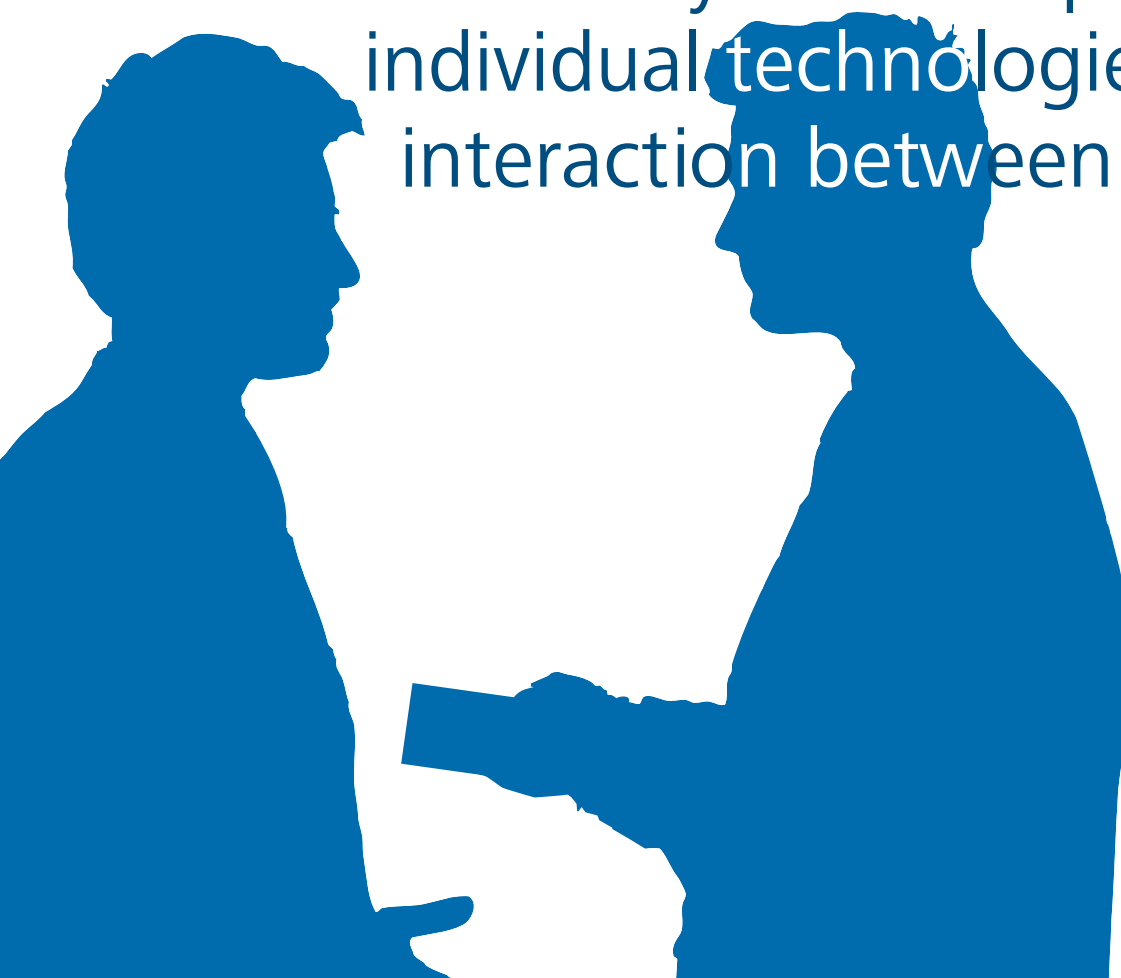
# Solutions for Logistics companies

Michael H., security officer

Needs to expand his facilities.

Wants to continue to use his existing system.

Security is not a question of  
individual technologies, rather  
interaction between systems.





# Boost in security for airport hub

DHL was looking for a simple solution for a complicated task at its European air freight hub at Leipzig-Halle airport – How could additional required security systems be implemented without having to replace existing systems? Could all systems be integrated into one to protect the investment already made? Only EVVA was able to overcome such a challenge.



Photo: DHL/Uiwe Schoßig

At DHL, the largest express and logistics specialist in the world and subsidiary of Deutschen Post World Net, security is of paramount importance. With more than 285,000 employees worldwide and over 1.5 billion shipments to 120,000 destinations, provision of effective security is a prerequisite for a successful business.

This, of course, also applies to DHL hubs; since 2008, Leipzig-Halle airport has been home to one of the three largest air freight hubs in the world, the other two being Hong Kong and Wilmington in the US. Express

consignments for the whole of Europe are handled here. The location is of benefit to DHL customers in many respects.

Anyone who demands high standards of themselves will also look for equally high standards in a partner, someone who can also fulfil difficult requirements. In EVVA DHL has found such a partner for security technology.

## “Both” instead of “either one or the other”

EVVA products are being used all over DHL's extensive Leipzig site. Office spaces presented a particular challenge. The existing security system was already using HID iCLASS contactless identification technology. DHL was looking for a locking system with security fittings that could integrate HID iCLASS. Building modification or restructuring was completely out of the question. Otherwise hundreds of employee passes, i.e. ID devices, would have to be replaced and re-issued. DHL was able to avoid such costs and the time and effort involved in changing over by acquiring EVVA's SALTO electronic locking system.





## One partner – a whole range of technologies

In line with the EVVA slogan "One partner – many technologies", the SALTO fitting can integrate a whole range of identification technologies such as iButton, Smart Card, Mifare, Legic and, in the case of DHL, HID iCLASS. This is the considerable advantage which convinced DHL of the SALTO system's superiority. 350 office doors were equipped with new SALTO-XS4 fittings. The fittings are fully compatible with the existing wall readers and can also open or lock offline, meaning complex wiring is not required. This enables the company's 2,000 or so employees (around 800 per shift) to continue using their existing ID cards.

## Mechanics provide additional protection

DHL used EVVA expertise for both an electronic and a mechanical approach. About 800 doors were fitted with the DPS (double profile system) mechanical locking system. Doors were already fitted with a wall reader. The DPS mechanical cylinder features an essential function which allows doors to be locked and unlocked mechanically if wall readers fail. DPS therefore provides security at all times, even in emergencies, as well as the effective protection of all DHL rooms.



## Capable partner on-site

The whole project was professionally developed by Felgner Sicherheitstechnik, EVVA's long-standing, reliable partner in Dresden. EVVA's expertise and Felgner Sicherheitstechnik's 40 years of experience managed to fulfil all of DHL's individual requirements.

EVVA security technology's capacity for integration and use with other technologies means expensive conversion costs are avoided and systems work perfectly. Negotiations are already underway regarding the next step, using SALTO in all other DHL offices in Germany.

### ▶▶▶ EVVA Technology On Site

#### SALTO electronic locking system DPS mechanical locking system



- ▶ SALTO with HID iCLASS technology
- ▶ Over 800 controlled access situations
- ▶ About 2,000 people managed







## References

# Logistics companies

DHL Leipzig, Germany

SCHENKER, Austria

DPD-Depot Hermsdorf, Germany

delacher, Vorarlberg, Austria

Transport AG St. Gallen, Switzerland

AMAZON Distribution warehouse Leipzig, Germany

Rossmann main warehouse Landsberg, Germany

Quehenberger Logistik, Austria

Bruno Urschitz, Austria

Frigologo Kühllogistik, Austria

Transportlogistik Augustin, Austria

Spedition Lugstein Seewalchen (carriers), Austria

TPS AG Transporte, Switzerland

Spedition Gartner Lambach (carriers), Austria

DPD Obertrum, Austria

Fiege Hamburg, Germany

Gebrüder Weiss Maria Lanzendorf, Austria

Dachser Langenau, Germany





# Solutions for Pharmaceutical companies

Thomas K., CEO

No room for a single mistake.  
Knows how important security  
is for his company.

Many areas are confidential  
– the security solution is  
comprehensive.



# Increased security for the pharmaceutical & medical industries

Companies operating in the medicine and pharmaceutical sector have a whole range of security needs. Unsophisticated access control without additional application features soon reaches the limits of its capabilities. The Swiss company B. Braun Medical AG was looking for a partner who could look beyond security technology and who was able to offer a more comprehensive solution. EVVA is the partner, SALTO the solution.



## High security standards

For almost 170 years, B. Braun has been one of the most important producers and suppliers of medical products for areas such as anaesthetics, intensive care medicine, cardiology or surgery. As a globally active family firm with over 32,000 workers, 750 of whom are employed at B. Braun Medical AG in Switzerland, the company demonstrates its expertise in medical care on a daily basis. With more than 40,000 products, the company holds a leading position on the European market. B. Braun supports hospitals and medical practices in their efforts to enhance their work

processes. It is thus understandable that B. Braun also attaches great importance to security within its group. And must attach importance. This is due to the stringent security regulations which apply in this highly specialised industry in particular; access control systems for pharmaceutical operations must meet strict, precisely defined standards. B. Braun does not take any risks in this respect and places its trust in one of Europe's leading security technology manufacturers, EVVA.

## SALTO in 250 doors

EVVA equipped B. Braun's facilities in Swit-

zerland with the particularly popular electronic SALTO system, incorporated with Mifare technology. Sibersa AG, a long-standing, experienced EVVA partner in Switzerland, installed the SALTO fittings in around 250 doors and the online wall readers.



## Complex wiring is a thing of the past.

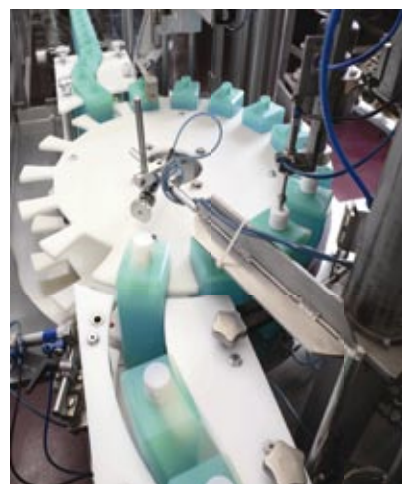
With SALTO, data exchange and, consequently, authorisation management are particularly effective processes. Until now locking could only be authorised quickly and without complicated door programming when using wired online access control solutions, but with SALTO this is also possible without wiring. Data is exchanged via the ID devices carried by users – at B. Braun cards are used. Authorisation information such as access profile, battery status and access events are transferred from the online wall readers to – the non-wired fittings via the ID – devices. Lost ID devices are blocked in the same way. The virtual network of ID devices being used thus replaces a wired network. This unique data exchange process saves on valuable personnel resources in day-to-day operations and optimises maintenance work since information updates no longer need to be updated manually. Non-wired door units can be conveniently centrally managed in the same way.

## Ideal organisation

Authorisations for the approx. 750 employees, for guests, for cleaning personnel, etc. can quickly be assigned and changed again. SALTO thus reduces management workloads while providing utmost convenience and optimum security of investment.

## More than just access control:

- ▶ SALTO is not just used for access control. SALTO enables other applications to be integrated into the system. At B. Braun, this includes work time logging, vending machines, cash registers and photo-copiers.
- ▶ A single card provides the user with easy, convenient access to all applications and services.
- ▶ Increased security requirements apply to B. Braun's sensitive areas, the so-called "ultra clean zones". Additional code key-pads have been installed which require a user PIN code in addition to the card.
- ▶ All personnel data can be imported into the system using the SALTO software. There is thus no need to enter data twice. This is made possible through the embedded MS-SQL database and the HR import function (based on SAP).



No isolated applications – Integrative comprehensive solutions are EVVA and Sibersa's hallmark and lead to a high level of client satisfaction. B. Braun and countless companies in a whole range of sectors have already experienced it for themselves.

### EVVA Technology On Site

#### SALTO electronic locking system



- ▶ with Mifare technology
- ▶ about 250 controlled access situations
- ▶ About 750 people managed
- ▶ Integration with work time logging, cash registers, vending machines, photo-copiers



## References

# Pharmaceutical companies

**B. Braun, Switzerland**

**Hexal Pharma Radebeul, Germany**

**Baxter Vienna, Austria**

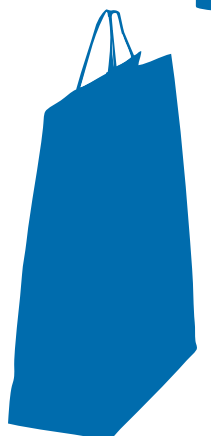
**Laboratorium Viollier AG, Switzerland**

**Basilea Pharmaceutica AG Basel, Switzerland**

**Hermes Pharma Wolfsberg, Austria**

**GM Pharma Braunau, Austria**

**EBEWE Pharma Unterach, Austria**





# Solutions for Educational institutions

Sophie M., school head

She loves her pupils.

Also likes the school to run smoothly.

Its security system gets  
things organised,  
without restrictions.





# Top marks for access control

There are many reasons for installing an electronic locking system at universities: Multi-site security system, automatic opening and locking of outside doors, greater protection for sensitive areas and ensuring students keep to opening hours. With EVVA's SALTO, a new era has begun at Vienna university: less administration – greater security and convenience



Photo: Vienna University

Founded in 1365 by Duke Rudolf IV, the University of Vienna is the oldest university in the German-speaking world. It currently has around registered 72,000 students and offers over 130 study programmes. With around 8,000 employees, 6,000 of whom are academics, Vienna University is the largest teaching and research institution in Austria. The university's academic facilities are spread over more than 50 sites. The heart of the university is the historic main building on the Wiener Ringstrasse and the nearby university campus.

There are thus many different sites with thousands of employees and even more

students. No wonder there is such a strong desire for an integrated, multi-site security system. EVVA's SALTO electronic locking system fulfils such a desire and offers a great deal more.

## From isolated application to complete solution

As a first step, Vienna University's Central IT Services implemented a locking system, firstly as an isolated application, to safeguard its server and operations rooms. The locking system was called SALTO and worked very effectively. "As a result of such a very positive experience," says Markus Ankner, the

engineer in charge of the university's Central IT Services data line infrastructure "We decided to implement SALTO as an integrated locking system throughout the university. The system is a particularly secure investment, can be extended and offers numerous advantages."

## SALTO triumphs

The advantages of SALTO electronic locking system for Vienna University in detail:

- ▶ Automatic permanent opening of outside doors during normal opening hours
- ▶ Automatic locking by self-locking panic locks outside opening hours. Only authorised users can then gain entrance from the outside. To exit from the inside, users press the handle to open the door. Easier access authorisation management reduces operating costs.
- ▶ Reduction in personnel costs. Door staff no longer have to check if the doors are open or closed.
- ▶ Multi-site security system with separate management of different sections ("multi-administrator function"). This means university administrators can manage their respective separate organisational unit themselves by calling the client and accessing the associated SQL database. User administration – which employee has access to which areas at a certain time – is thus carried out locally using the SALTO





software. Use of access control elements can also be shared by several different sections.

- ▶ Controlling traffic flows: Students only have access to department areas or lecture rooms during opening or consultation hours. Outside these hours, the doors are electronically locked. The big advantage: University operations are run in a much more regulated and far more efficient way.
  - ▶ All authorised university employees have access to their workplace using their ID device, the iButton, even outside normal opening hours.
  - ▶ Greater security for sensitive university facilities such as server rooms, laboratories and offices. Thefts of university property such as laptops as they occurred in the past are now effectively eliminated with SALTO. The Central IT Services server rooms are not only protected electronically – they also use EVVA's 3KS (3-Curve System) mechanical locking system. This enables doors to also be locked and unlocked mechanically.
- ▶ There is also an ideal EVVA solution for special doors: E-cylinders from the XS4 platform secure lattice doors in the university's basements.

## Networked security at the university

It goes without saying that the SALTO system not only integrates existing units at the university, but will also incorporate new ones in the future. All Vienna University buildings will thus be networked in a single locking system, all without the time and expense of wiring. Data is conveniently exchanged via the user's practical iButton. Using the SALTO virtual network to transfer data saves considerably on costs. Only on-line wall readers are wired into the existing Central IT Services network infrastructure. Over the next few years all Vienna University sites are to be equipped with SALTO: "We will now gradually incorporate more de-



partments and areas into the system. Both outside doors and, when required, doors to certain corridors, rooms or lecture rooms will be fitted with SALTO components. This will mean an end to unclear administration processes and unwanted accesses!", sums up a pleased-looking Markus Ankner.



Photo: Vienna University

### ▶▶▶ EVVA Technology On Site

#### SALTO electronic locking system 3KS mechanical locking system

- ▶ SALTO with iButton technology
- ▶ currently over 50 controlled access situations  
hundreds more in the pipeline
- ▶ Over 8,000 people managed (on completion)





## References

# Educational institutions

Vienna University, Austria

Pfäffikon Vocational School Winterthur, Switzerland

Osnabrück University, Germany

Univerzita Palackeho Oloumoc, Czech Republic

Master Campus Treviso, Italy

Lugano University, Switzerland

Sursee Campus, Switzerland

Vienna University of Economics and Business Administration, Austria

Vienna Municipal Schools, Austria

Schloss Leonstein children's home, Austria

Eco General Secondary School Strasswalchen, Austria

Regional Vocational School for Tourism Waldegg, Austria

Vocational Training Centre Weinfelden, Switzerland

AMS Tulln, Austria

Telekom Training Centre Neuss, Germany

WIFI Vienna, Austria

Steinhuserberg School House Lucerne, Switzerland

Max Planck Institute Mainz & Leipzig, Germany

St Benno Grammar School Dresden, Germany

Higher Federal Institute for Tourism Bad Ischl, Austria

Graz University – Resowi, Austria

Higher Federal Institute HAK Bregenz, Austria

BFI, Austria



# Solutions for Infrastructural facilities

Team, Security Services Area

See thousands of people come and go  
Wish to guide the flow of customers  
and give support to employees.

Their security solution is  
flexible and changes  
according to needs.





# High-flying security

Checking in almost 29 million passengers per year to the highest standards with regard to reliability and security requires a great deal of administration, organisation, competence and know-how. Munich Airport has managed to rank as a top European airport thanks to its trend-setting concept.



## Airport of the Year

Munich Airport has already twice received the European Regional Airline Association's "Airport of the Year" award. The fact that extremely strict security guidelines need to be applied means there are also demanding requirements on the security system. That is why Europe's most secure airport places its trust in EVVA's reliability and know-how. About 29,000 workers are employed at Munich airport. Each of them undergoes the same strict control procedure as the one for passengers as requirements for securing the non-public area are today higher than ever. This presents a great challenge to those in charge of security at the airport and their partners.

## Experienced partners

Over five years, EVVA was put through its paces as a mechanical and electronic security technology manufacturer by the Security and Access Control Service Department at Munich Airport. The SALTO system combined with the 3KS (3-Curves System) was particularly effective in meeting with requirements. When working together on such a large project, however, the chemistry also has to be right between all participants as the focus is on a long-term partnership in terms of making a secure infrastructure investment. The EVVA partner at Munich Airport is Daimler GmbH, a reliable, established partner whose electronic know-how EVVA really trusts.

## Security system requirements

For Thomas Bihler, Head of Access Control for Munich Airport's Security Service Department, it was important to have an established, reliable system which could keep pace with the airport's further expansion. Mr Bihler says, "We can see that EVVA is able to respond to the airport's special needs and that their product range can meet all our requirements." The most important factors for Franz Berner, Head of Locking System Management, are that access control is easy to administer, that it works efficiently and that his department has no problems with the self-explanatory system components. The SALTO electronic locking system iButton is used in combination with the 3KS mechanical locking system in both Terminal 1 with its gross floor space of 198,000 m<sup>2</sup> and in the operating company's building in Terminal 2. The requirements for the airport access control were clear: Only one system could be considered, one which could provide a mechanical safety latch (fire safety override). Ideal system prerequisites were found in



EVVA's SALTO platform, which is compatible with mechanical locking systems. One other important aspect, however, was in SALTO's favour: Only SALTO fittings could be mounted on the structure in many doors due to their dimensions and slim-line design.

## An airport – Infrastructure of a small town

Munich Airport not only includes a medical centre with two operating rooms, a wastewater treatment plant and two chapels, but also two fire stations and its own police department. The infrastructure can be compared to that of a small town. Complex facilities impose demanding requirements on a locking system's flexibility.

Over a 100 shops and eateries turn travellers' heads. Due to the usually frequent change in concessionaires at airports, a purely mechanical locking system would be less convenient: Continually changing cylinders, replacing keys or producing new ones would be unprofitable for the operator. That is why the airport opted for the advantages of an electronic locking system which can respond quickly to changes in access authorisation, time scheduling needs and ID device loss. All shops and eateries in Terminal 2 are equipped with SALTO iButtons and 3KS cylinders. The shop glass doors needed to be fitted with both a mechanical fire safety latch and electronic access control. The SALTO fitting was mounted across the lower metal faceplate.

## Special application

As mechanical cylinders were fitted near to the floor, they needed to be protected against dust. The SSW protection mechanism against dust and the effects from the weather is adapted to the shape or external dimensions of the cylinder and built into it. Its low installation height enables it to be installed flush with fittings. Dust is prevented from entering by the automatic closing of the small, spring-loaded latch plate. This means our products are also able to withstand harsh conditions. The sturdy iButton serves as the identity device for shop employees. It is easy to use even when the SALTO fitting is on the lower part of the door. A separate network was set up to ensure optimum, highly secure access control.

A separate network was set up to ensure optimum, highly secure access control. Only a very few keys are in circulation in order to keep key management as easy and secure

as possible – the iButton is used for access purposes. However, its validity is restricted to 14 days in order to comply with strict security regulations as closely as possible. Authorisations are easily updated within the SALTO virtual network where authorisations can be transmitted via the ID devices from the few online wall readers to the non-wired fittings.

## A solid business partnership produces the best results

Cooperation and mutual trust between EVVA and Munich Airport conclusively show how two major companies can optimally match requirements with corresponding solutions. This is essential in order to be able to equip premises to the highest standard possible and ensure the client's utmost satisfaction.

### ▶▶▶ EVVA Technology On Site

#### SALTO electronic locking system 3KS mechanical locking system





## References

# Infrastructural facilities

Munich Airport, Germany

ÖBB (railways), Austria

Zermatter mountain railways, Switzerland

Queen Mary II cruise ship, UK

Vienna Schwechat Airport, Austria

Susten Fire Department, Switzerland

Dresden Airport, Germany

Wiener Linien (public transport), Vienna, Austria

Brandenburg Regional Transport, Germany

Wiener Lokalbahnen AG, Vienna, Austria

R. F. I. Ferrovie Italiane, Italy

Scalo Fluviale Venice, Italy

Local transport company Burg, Germany

Multi-storey car park Matterhorn Zermatt, Switzerland

ÖAMTC Christophorus airfields, Austria

Leipzig-Halle Airport, Germany

Orient Express Vienna, Austria





# Solutions for Hospitals and nursing homes

David W., hospital group

His working day: Doctors, nurses, patients  
and laboratory assistants.

Is always looking for optimisation potential.

Finds it in his locking  
system management.





# Everything runs smoothly at the City Hospital

1,100 electronic fittings, 30 online readers, 100 safe locks and 100 e-cylinders.

For over 1,500 employees and over 1,350 controlled doors. In Basel City Hospital, EVVA's SALTO electronic locking system provides optimum access control, management and security.



*Photos: Basel City Hospital*

Great challenges can become a great burden. Such a challenge is the task of finding the right security technology for a company which has a broad infrastructure. How can security and convenience be enhanced while making administration simpler? How can sensitive areas be protected? Can different company locations be intelligently networked? Markus Bienz, the project manager responsible for Building and Facility Services at Basel City Hospital, faced such a daunting challenge. The solution was provided by the SALTO electronic locking system.

## 1 security system for 24 sites

Basel City Hospital is a widely renowned, ground-breaking socio-medical enterprise. With its medical rehabilitation, geriatric nursing and care for disabled people, it fulfils tasks which are increasingly gaining in importance in today's society. 13 of its total of 24 sites such as its rehabilitation hospital, centres for the elderly and workshops have already had SALTO installed and the remaining sites will be equipped shortly. This multiple site security solution is one of the many advantages of this system. SALTO facilitates central main management for

doors and individual areas plus local site management for the group of people on each site. This means each stand-alone division in the hospital can manage its access authorisations itself using the SALTO software. Thanks to such great flexibility, access authorisations for employees or residents can be issued, modified or eliminated with immediate effect. This way, the reception desk can also issue time-limited authorisations to outside visitors such as guests, cleaning staff, tradesmen and suppliers. This all means the company's workload is greatly reduced. SALTO can, of course, effortlessly integrate all other sites and future extensions into the security system.

## Online and offline accesses

With SALTO security and convenience go hand in hand. The complexities of using several identification devices disappear. Users now only need a single device, the iButton, to identify themselves. iButtons replace conventional keys and win over due their ease of use, even for the elderly.

The data exchange between iButtons and the control electronics on the doors such as fittings and e-cylinders takes place offline via a virtual network – automatically and without complications. The particular advantage of this virtual SALTO network is there

is no need to spend time and money on extensive wiring. However, when it comes to monitoring sensitive areas in Basel City Hospital, online wall readers are also used. The control electronics compare the iButton's authorisation information with their own and if they match, they allow the user to enter.



## From the lift to the glass doors

In addition to doors with fittings and wall readers, an enterprise as large as Basel City Hospital features many other access control types. The SALTO locking system combines them all into a single system:

- ▶ Lifts with restricted floor access. Certain floors can only be visited by authorised persons.
- ▶ Store cupboard solutions
- ▶ Sliding doors with radar control (day and night switch)
- ▶ Glass doors with e-cylinders. The e-cylinder is part of the SALTO platform and particularly comes into play for specific circumstances such as when no fitting can be mounted on the door.
- ▶ Safes with i-Locker bolt locks. Also part of the SALTO family, the i-Locker is the ideal solution for lockers, drug cabinets, office cupboards or other storage spaces for

valuable items. It stands out due to its high level of lock security and extensive flexibility in access management.

- ▶ Integration with vending machines. These are easily operated at the City Hospital using iButtons.

Authorised users need just one ID device for all accesses, their iButton. Authorisations can be changed immediately using SALTO software. An MS SQL server database provides all the security and convenience of a professional database system.

## On the safe side with SALTO

To date, around half of the City Hospital has been equipped with SALTO. The rest of the hospital departments will be completed over the next few months. It will then be a question of "mission accomplished" as far

as security, convenience and organisation streamlining is concerned. Markus Bienz adds, "In its mission statement, Basel City Hospital undertakes to nurse, care for and aid its residents and its patients to the best of its abilities. This is an ambitious claim, which must also be underpinned by the hospital's security technology. EVVA's SALTO system was exactly the right choice for our needs: highly flexible and compatible, extendable as required, effortless management of access authorisations and an ideal price-performance ratio. Competent, personal advisory services from Sibersa AG, the local EVVA partner, and the 24-hour support hotline are a perfect final touch to the whole service." Great challenges are best overcome with brilliant solutions – with SALTO from EVVA.

### ▶▶▶ EVVA Technology On Site

#### SALTO electronic locking system



- ▶ with iButton technology
- ▶ currently over 1,350 controlled access situations
- ▶ currently over 1,500 people managed
- ▶ Project will increase by another 50%
- ▶ Integration with store cupboards, lifts, vending machines



## References

# Hospitals and nursing homes

Basel City Hospital, Switzerland

AKH Vienna, Austria

Queen Elizabeth Hospital, Hong Kong

Davos Hospital, Switzerland

Münster Hospital, Switzerland

Graz LKH, Austria

Soteria Klinik, Leipzig

Jewish Hospital Berlin, Germany

Physio-Center de Bellevue, Switzerland

Mildred Scheel Hospital Kiel, Germany

Haus der Barmherzigkeit Vienna, Austria

Thermal baths Schallerbach, Austria

Clinique des Grangettes Geneva, Switzerland

Ems St. Pierre Sion, Switzerland

Senior citizen centre Aumatt Reinach, Switzerland

St. Mauritius Old People's Home Zermatt, Switzerland

Karlovy Vary Hospital, Czech Republic

Klinik im Kurpark Bad Rothenfelde, Germany

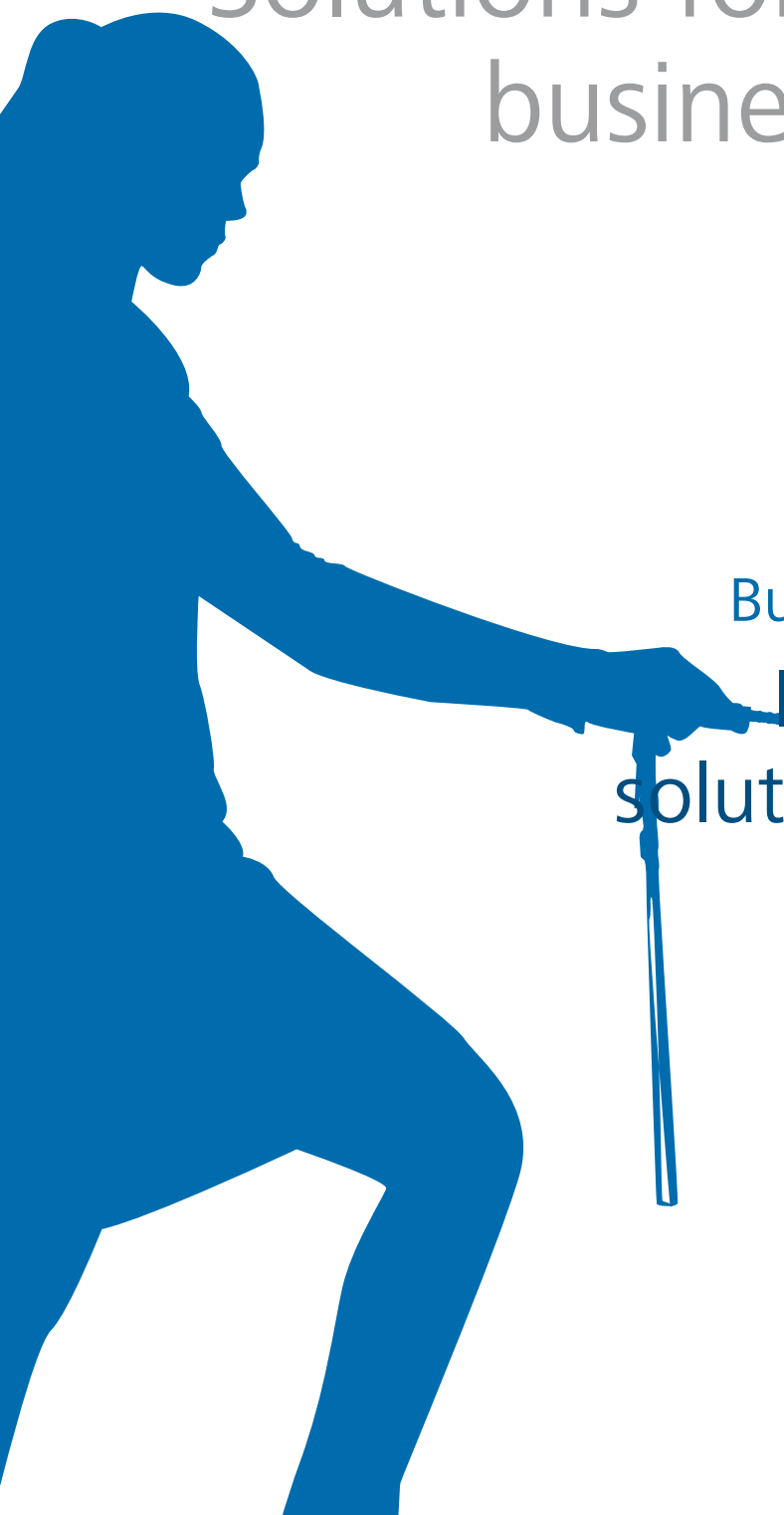
Ospedale Civile di Montebelluna, Italy

Policlinico Univ. Torvergata Rome, Italy

Heart and Circulation Centre Dresden, Germany



# Solutions for industry and business enterprises



Catherine E., Administrator

She doesn't mind dirt.

But she does breakdowns.

Innovative security  
solutions are welcome.



# Security for slide bearings. A field report

Imagine you are in charge of security and access control in an industrial plant and are supposed to select the best technology for your company. What do you value? Innovative products? Tailored solutions? First-class references? One-to-one consultation services? For Thomas Böck, the engineer in charge of security at Miba all these concerns were important. EVVA was the company who could best fulfil such requirements.



Photo: Miba

Vehicles without slide bearing technology would be unimaginable today. No car, train or ship would run without slide bearings. One of the most important manufacturers of this component is Miba in Austria. Miba products, which also include sintered mechanical parts and friction pads, are built into vehicles and power plants the world over and make them safer, more powerful and more environmentally friendly. This industrial concern is the world market and technology leader for medium-speed diesel motors. Decades of experience, constant research and development and, last but not least, highly qualified employees are the reasons behind Miba's excellent reputation as a

partner to leading engine manufacturers. These are also high-priority characteristics which are required for the in-house security system.

## Fulfilling all requirements for industry.

In Miba's main facility in Laakirchen in Upper Austria over 700 workers are employed to produce complex slide bearings for machines and engines.

Many people are moving about the plant on a daily basis. Something which requires an access control to strictly regulate who has access to certain places at certain times. The security concept must also

to be able to withstand tough conditions in plant operations and provide a long service life. Complex solutions and a highly secure investment are thus required EVVA products are the answer to such a demand: "EVVA products were already in use at our plant and we were extremely satisfied with them," states Thomas Böck, the engineer responsible for security and the environment at Miba in Laakirchen. "We now wanted to extend our security system and use electronic access control with work time logging in addition to existing mechanical cylinders. With their leading edge experience, EVVA managed to win us over once more against rivals with their innovative solutions and very professional, one-to-one advisory services."

## Protection against dirt

The Miba main facility is one of the largest production plants in the group and consists of 20 buildings. A total of about 500 doo-







Photo: Miba

rs are fitted with EVVA 3KS cylinders. 3KS (3-Curves System) is a very secure system – it is practically impossible to copy keys – and is also highly resistant to wear. The spring-free design and the sturdy nickel-silver materials guarantee effective resistance and a long service life. It is thus ideal for use in industrial plants where they work with machines, oil and raw materials. A further great advantage for Miba is that the 3KS modular design enables cylinder lengths to be easily adjusted to individual door thicknesses on site. This saves on both time and money. The system is quickly fitted and precisely adjusted by our EVVA partner.

### Access control and work time logging in a single system

For many companies, combining mechanical and electronic security technology is ideal for business-management reasons. This is also the case for Miba. Mechanics is the secure basic system. The SALTO electronic system with its contactless Legic technology comes into use for special doors such as those in the main entrance, the data processing room and other sensitive areas. EVVA

highly popular, widely-used locking system not only provides effective access control, but also integrates work time logging. The system records when employees come and go and only allows authorised persons to enter certain areas. In addition to key fobs and cards, EVVA's Combi key is also used as an ID device and serves to operate both the mechanical and the electronic locking systems. It is thus an universal device.

### A single security system for all buildings

SALTO manages access to all Miba buildings. EVVA products also grow along with requirements – building extensions can be effortlessly incorporated into the system at a later date. With SALTO, intricate wiring is a thing of the past. The virtual network enables data to be easily exchanged via the ID devices carried by users. Lost ID devices can be blocked in the system immediately.



Photo: Miba

EVVA's decades of experience provides Miba with a long-term investment in the convenience and the security it requires. An experience which also stands in good stead numerous other companies equipped with EVVA systems worldwide.

#### ▶▶▶ EVVA Technology On Site

#### SALTO electronic locking system 3KS mechanical locking system



- ▶ SALTO with Legic technology
- ▶ Over 500 controlled access situations
- ▶ Over 800 people managed
- ▶ Integrated work time logging



## References

# Industry and business enterprises

**Miba, Austria**

**Migros Brig, Switzerland**

**Industrielle Werke Basel IWB, Switzerland**

**Siemens Prague, Czech Republic**

**Königliche Porzellan Manufaktur Berlin, Germany**

**OMV, Austria**

**Verbund Austria, Austria**

**Bell Grossmetzgerei Basel & Oensingen, Switzerland**

**Unilever, Slovakia**

**Billa, Austria**

**Baer AG Küssnacht, Switzerland**

**PC Ware Leipzig, Germany**

**Wien Strom/Wien Gas, Austria**

**Hagedorn AG, Switzerland**

**Lidl Supermarkets, Germany**

**Porsche, Romania**

**Alpine Mayreder, Austria**

**Head Sport AG, Austria**

**TESCO Prague, Czech Republic**

**SCS Multiplexx, Austria**

**Daimler Chrysler AG, Germany**

**Swarovski, Austria**



# Solutions for Culture institutions

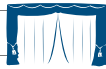
Matthew T., Building Services Engineer

Artists fascinate him.

A lost key causes him a lot of work.

A sophisticated  
security concept reduces his  
workload.





# All the world's a stage for SALTO

The city of Baden-Baden in the South German region of Baden-Württemberg is not only famous for its Roman medicinal baths and status as a former Imperial summer health resort. It also has cultural events to offer: It is home to Europe's second largest opera house, the Festspielhaus.



atmosphere where guests are treated to sumptuous meals and refreshment.

## Security highlights

It goes without saying that security solutions are particularly important at one of the largest opera houses in the world. It is certainly a great challenge for Knut Engel, Head of Building and Technical Services. From the day this unique building was opened, he relied on an extremely high-quality mechanical locking system. The decision was made to install EVVA's unique Magnetic Code System (MCS), a solution which uses both magnetic and mechanical coding. MCS provides maximum security thanks to 8-fold key magnetisation as well as protection against lock picking, breakage, drilling and cylinder extraction.

## Culture highlights

The Viennese architect Prof. Wilhelm Holzbauer was commissioned to refurbish the building, the neo-classic foyer of which still bares traces of its former role as a railway station. He has created a modern concert hall – a successful blend of historical and contemporary styles. This architectural wonder and its large number of top musical performances attract many visitors and tourists every year.

Since its opening a few years ago, 2,500 people have been able to attend each performance in the new festival hall where

they can enjoy the auditorium's outstanding acoustics. The biggest names in classical music gather at the festival hall. Events range from concerts by the Vienna Philharmonic through to acclaimed performances by the Slovak soprano Edita Gruberova. About eighty different programmes are on offer throughout the year and run from opera and musicals through to classical concerts.

Besides cultural offerings, culinary delights are also provided: With its stuccoed ceiling, large mirrors and gleaming parquet floors, the "Aida" restaurant offers an incomparable

Due to the large number of outside doors and a combination of open and closed user groups consisting of personnel or visiting ensembles keys were often lost.

In order to eradicate such problems, Knut Engel chose an EVVA solution yet again – the SALTO electronic locking system. As far as identification technology was concerned, the decision was made to use the hardwearing iButton, the best option for all user requirements in the festival hall. All external doors were equipped with SALTO fittings or wall readers. The technology was also used

inside in sensitive areas such as offices. During the next stage, all dressing rooms will be fitted with the system.

As parking space management was always causing a problem due to numbers of permanent employees, sometimes very large ensembles and 2,500 visitors, the limiting system was also linked to the SALTO system.

### Quick and easy to use

Mr. Engel spoke about choosing EVVA and SALTO: "It was essential to find a solution for the outside doors due to the problem with lost keys as well as to be able to issue performers with time-limited accesses. The system also needed to be easy to use. We needed to be able to programme ID devices quickly and easily ourselves." This is where SALTO, its intuitive operation and integrated software carry out scheduling, so operators can manage allocations for staff effectively.

### Online and offline data transmission

The festival hall's building structure with its blend of the old and the new means requirements from an electronic access control system are even greater. The virtual network function enables SALTO to include online and offline components in a single system. The data exchange takes place via identification devices. Fittings or wall readers which are not wired together can thus receive and process all relevant information.

This is particularly advantageous for all areas where refurbishment work and wiring on doors would not be possible due to the historical building structure.

### Individual solutions

With its "access to security" strategy, EVVA focuses on developing a tailored security concept for companies which combines convenience, management and security. User and operator needs are the main focus of the approach. Equipping the Baden-Baden Festival Hall enabled this particular solution approach from EVVA to prove its strengths yet again.

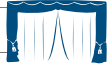


#### ▶▶▶ EVVA Technology On Site

##### SALTO electronic locking system MCS mechanical locking system



- ▶ SALTO with iButton technology
- ▶ about 70 controlled access situations
- ▶ About 100 people managed



## References

# Culture institutions

**Festspielhaus Baden-Baden, Germany**

**St Stephen's Cathedral Vienna, Austria**

**Imperial War Museum London, UK**

**Royal Library Copenhagen, Denmark**

**Semper Opera House Dresden, Germany**

**Young People's Arts Centre, Switzerland**

**Berlin Cathedral, Germany**

**Raimundtheater Vienna, Austria**

**Landesmuseum, Affoltern Collection Centre, Switzerland**

**Burgtheater Vienna, Austria**

**Old Opera House Frankfurt, Germany**

**Vereinigte Bühnen production company Vienna, Austria**

**Mozarthaus Vienna, Austria**

**German History Museum Berlin, Germany**

**Festspielhaus Bregenz, Austria**

**Holland Casino Utrecht, Netherlands**

**Volkstheater puppet theatre Bautzen, Germany**

**Lessing Museum Kamenz, Germany**

**Filmpalast am ZKM Karlsruhe, Germany**

**Kulturpalast Dresden, Germany**

**La Poste Arts Centre Visp, Switzerland**

**Haus des Nationalparks Rügen, Germany**

**Bodensee Center Friedrichshafen, Germany**





# Solutions for hotels and wellness centres

Charlotte T., owner

She always has time for her guests.  
She wants only the best  
for their convenience.

As a businesswoman she likes  
to make secure investments.  
Also when it comes to  
security solutions.



# Golden age for singles.

In Spiez, on the shores of Switzerland's picturesque Lake Thun, there is a hotel searching for soul mates. The Single Hotel Eden is the first hotel in the country for single travellers and offers every imaginable comfort. The owner wasn't interested in standard solutions, the "golden" touch was the order of the day. A clear case for SALTO, the flexible locking system from EVVA.



## Eldorado for single travellers

People travelling alone on business or for pleasure can get a nasty surprise when it comes to looking for a room. All too often, single people get a worse room or the available space is far too small. Things can be different, however. The completely newly renovated 4-star Single Hotel Eden is the first and only facility in Switzerland to cater exclusively for guests travelling alone.

Everything is just perfect – spacious rooms with stylish beds and flat-screen TV, extensive gardens with a gazebo, a magnificent tennis court, a wellness area with steam bath, a Finnish sauna, individual whirlpool baths, an indoor swimming pool, fitness room, restau-

rant with excellent cuisine, bar, tea room, library, billiard lounge, inclusive services such as wireless LAN, shoe cleaning and concierge and, last but not least, the idyllic view from the balcony onto Lake Thun and the Bernese Alps. What more can one ask?

## The desire

That's what the owner Lisbeth Mathys asked herself. She had bought the old Eden and remodelled into an innovative paradise. Having decided against conventional standard refurbishing, she wished to lend the building a unique "golden" atmosphere. But how? The answer was clear – the SALTO electronic locking system from EVVA. SALTO not only offers hoteliers a secure, easy-to-use

door management system, but also a very high degree of flexibility with regard to its use and design.

## Fulfilment

SALTO fittings are available in different designs and formats – even unusual requirements are catered for. All the SALTO fittings in the hotel were this gold-plated, highlighting the luxurious ambience together with the elegant curved brass handles. Champagne-coloured doors with wood trimmings combined with cutting edge security technology? Anyone, who thinks they won't go together, obviously hasn't seen the different SALTO designs.

Around 70 SALTO fittings have been installed at the Eden – over three floors with 15 guest rooms each plus the fourth floor where the staff quarters are. There are also fittings for the garden and green house as well as the all-purpose i-Locker bolt locks from the SALTO family range. Whether for cash drawers in reception, wall and office





cupboards, cutlery and towel cupboards or cloakrooms, i-Lockers are the perfect fit. They are made to measure and are flush when closed.

## Comfort – Organisation – Security.

Design and flexibility are important, but are not the only important factors by any means. Design and function are an inseparable pair. A hotel business imposes strict requirements on locking technology, particularly with regard to convenience, organisation and security.

EVVA takes these three main concerns into consideration when planning in order to ensure maximum security of investment. In the Single Hotel Eden smart cards are used as the ideal ID device. The big advantage: Guests have access to their room and all hotel facilities with a single card. 1 card for all services – that not only keeps guests happy, but also the staff as their workload is lighter. The SALTO electronic system handles the changes in authorisations easily and conveniently. Lost smart cards can be effortlessly replaced. Data exchange in door fittings also takes place offline, meaning no expensive wiring was necessary in the hotel.

All fittings are fire-protection tested as safety issues are particularly relevant in the hotel business. The Single Hotel Eden's emergency doors are also fitted with SALTO's mechanical safety latch so that emergency services such as the fire service can gain immediate access in an emergency. A log is also electronically recorded for this mechanical safety latch, a distinctive brand feature on the market.



## Expertise in solutions The EVVA brand

From garden houses and cash drawers through to guestroom doors and the wellness centre, EVVA's SALTO electronic locking system rose to the challenges and overcame them.

IPSC TRADING GmbH, a long-standing EVVA partner in Switzerland, saw through the whole project with their expertise and implemented all the tailored SALTO solutions. The Single Hotel Eden was opened to much acclaim from the media and public across the country. The golden age has now really begun for singles.

### ▶▶▶ EVVA Technology On Site

#### SALTO electronic locking system



- ▶ with smart card identification technology
- ▶ about 100 controlled access situations
- ▶ About 70 people managed



## References

# Hotels and health & fitness companies

Single Hotel Eden, Spiez, Switzerland

Hotel Kempinski, Moscow, Russia

Hotel Adlon, Berlin, Germany

Hotel Kaiserhof, Kitzbühel, Austria

Hotel Riders Palace, Laax, Switzerland

Therme Loipersdorf, Austria

Arabella Sheraton Hotel/mountain railways, Switzerland

Hotel Metropol, Davos/mountain railways, Laax, Switzerland

Therme Stegersbach, Austria

Hotel Cube/mountain railways, Switzerland

Schlosshotel Velden, Austria

Hotel Post Lermoos, Austria

Hotel Europa Basel, Switzerland

Hotel Arabella Sheraton Waldhuus Davos, Switzerland

Best Western Hotel des Alpes Flims, Switzerland

Dom Aquarée Berlin, Germany

Hotel Belvedere Grindelwald, Switzerland

Hotel Bellevue Interlaken, Switzerland

Swiss Youth Hostels, Switzerland

Hotel Mercure Potsdam, Germany

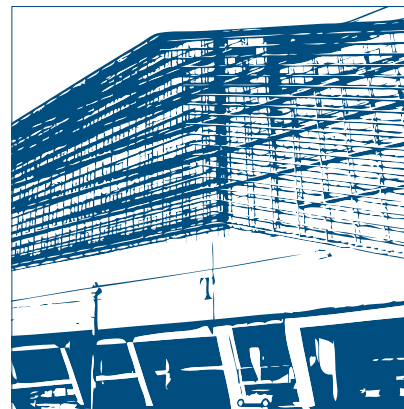
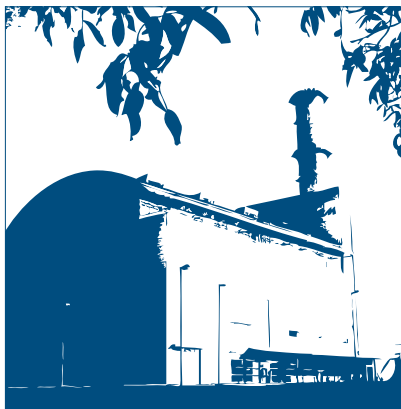
Hotel am Stephansplatz Vienna, Austria

# Cross-border satisfaction

9 selected examples – 9 excellent solutions. When are you going to decide on optimum security, greater convenience and better management? No matter how large your company is or which sector it is in, EVVA will develop the ideal, individual security solution together with you, tailored precisely to your users' needs and to your buildings' requirements.

Our products are distributed worldwide via our own branch and EVVA partner networks. Requirements for each individual project are usually very different. That's why we and our EVVA partners value a truly customised service. It ensures clients are fully satisfied and money is well invested as EVVA products stand out due to their outstanding durability and long service life.

Interested? Curious? There is always an EVVA customer advisor or partner near you. We are looking forward to meeting you and accepting your challenges!







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