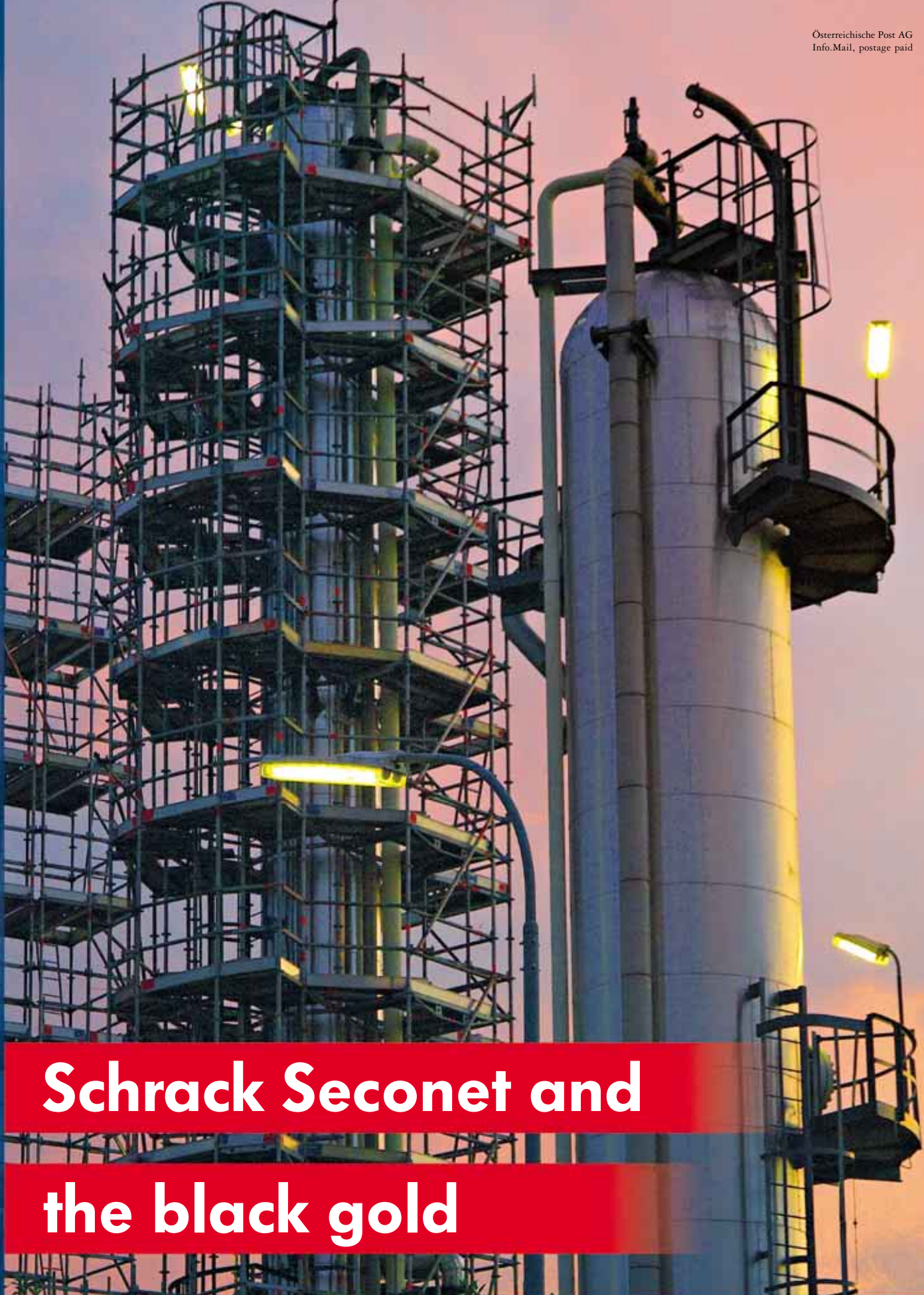


WIRE CARE



Schrack Seconet and the black gold

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**SECURITY
WORLDWIDE**

Customer magazine for Fire Alarm-, Communication- and Security Systems of Schrack Seconet AG



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Dear customers and business partners of Schrack Seconet AG,

when we design our fire-alarm systems we always make sure that they combine the latest technology with perfect usability and the greatest possible amount of information for the user.

One of the most important users in the field is the fire fighter. He has to receive competent information quickly to be able to act effectively. Therefore we always have been cooperating closely with the relief units and the authorities and we support all initiatives for quality increase and play an active role at VBÖ Austroalarm. Max Strohmeier, Head of our product management, is the chairman of this Association of Austrian manufacturers of fire alarm systems. Thus we make a decisive contribution to making fire-alarm systems even more secure. And we are very glad that our great commitment has been acknowledged. The fact that the new Chief Fire Officer, Dr. Gerald Hillinger, has discussed his plans and goals and our business in general with the Chairman of VBÖ Austroalarm is yet another sign of appreciation. I wish Dr. Hillinger a lot of success for his new and responsible task.

I should like to take this opportunity to extend my sincere thanks to the former Chief Fire Officer of Vienna, Dr. Friedrich Perner, for his long and excellent cooperation, which always was marked by a friendly atmosphere. For almost 22 years Dr. Perner was Head of Municipal Department 68 (Fire Services and Disaster Relief). He has turned the Vienna Fire Brigade into an efficient team and achieved an internationally exemplary level of operations. He always was open for the demands of our business and often extended competent advice. I wish him all the best for this new stage in his life.

Yours,

Wolfgang Kern

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EURALARM Conference in Munich

EURALARM is an association of manufacturers and installation companies, active in the fields fire alarm and security systems. It represents about 700 companies from 14 European countries with the goal of defining uniform European standards and representing the interest of member associations and member companies throughout Europe.

The Austrian Association of Security Companies (VSÖ) is a member as are the two sister companies of Schrack Seconet, Swiss Securiton AG and German Hekatron. In addition, Christian Wimmer, Head of Product Management for Security Systems, has been elected into the 13-member Section Committee Security. This workgroup will establish guidelines for the certification of alarm systems. In September a meeting in Munich was held, where the harmonization of standards and regulations for products approved and available in Europe was discussed. "The long-term goal of this workgroup is to maintain European values, such as quality

and professionalism, and to guarantee them by defined standards," says Wimmer. European standards for security technology are gaining in importance. The European Committee for Electrotechnical Standardization (CENELEC) has redefined these standards to meet the growing demand for security systems complying with European standards. They are an important quality mark which internationally active manufacturers have to comply with and which dealers

and consumers can rely on, as it guarantees a high performance level for security systems all over Europe. The Section Committee Security meets four to five times a year. The next conference will take place this very year at the Vienna headquarters of Schrack Seconet. ■

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Christian Wimmer, ▲ Member of the Section Committee Security

Schrack Seconet wishes its customers, business partners and friends a Merry Christmas and a successful 2010!

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Well-designed appearance at the MEDICA

One of the most important events in the annual calendar of fairs is the MEDICA in Dusseldorf. The “World Forum of Medicine” took place from November 18 to 21.

This year the fair celebrates its 40-year anniversary. In 1969 the exhibition was founded under the name “Diagnostics week”. In 1974 the event was given the name “MEDICA” and developed very fast. With more than 4000 exhibitors from 70 countries it is among the largest fairs in the world in the field of healthcare and medicine and the congress, which takes place at the same time, is an important event for further education for European doctors. It has been a long tradition that Schrack Seconet, as a producer of healthcare products, takes part in the fair. Its innovative and flexible communication systems have always gotten a lot of acclaim with the international experts. “In the focus of this year’s appearance of Schrack Seconet was the presentation of the networking concept **Seco CareNET**, which combines different sectors in one single system solution,” says Head of Healthcare Product Management, Edwin Fisar. “The multimedia communication platform **VISOCALL IP** plus integrable multimedia centre is

“**Seco CareNET – the network of the future**”



◀ Schrack Seconet fairstand ▲ at the MEDICA (left and above)



the most important feature of this highly complex solution.

With a uniform IP data network not only the efficiency of the complete network infrastructure is increased but the cost factor is sustainably lowered as well.” The future, therefore, is in complete solutions! The Schrack Seconet team has received a lot of positive feedback also for its booth. Edwin Fisar: “A booth at a fair should always represent the spirit of a company. Innovative, modern and communicative – these are the properties in which Schrack Seconet excels, and we have succeeded in reflecting these values also with our booth.” ■

Integral protects Schattenburg Feldkirch

The Schattenburg Feldkirch, the former seat of the counts of Montfort, today is the landmark of the small Vorarlberg town, as well as one of the most popular places of excursion of the federal province.

The Schattenburg was built in the 12th century under the Vorarlberg counts of Montfort. For a long time the fortress served as a protection of the town. Today this venerable building houses a museum and a restaurant. The impressive castle walls, the keep and the wonderfully maintained rooms are well worth visiting and will let you breathe the medieval atmosphere. The fire alarm systems for this unique building come from Schrack Seconet. It is well known fact that fire protection of historic buildings is a very critical task. After all, fire protection in historic buildings has to meet both aesthetical demands and the

demands involved in the preservation of listed buildings.

Therefore it is a noble obligation and responsibility for Schrack Seconet to design fire-alarm systems for cultural-historical buildings and properties. The components of the entire system, whose centre is a fire alarm panel of the type Integral, are networked via six loops. More than 100 multi-sensor detectors of the type MTD, another 24 radio detectors as well as four flame detectors monitor the entire premises of the Schattenburg to protect the valuable cultural heritage from fires. One of the many benefits of a fire-alarm system of Schrack Seconet is its backward compatibility. The system can integrate existing, older components and therefore will offer many options for an expansion also in future. ■

▲ Schattenburg Feldkirch



With 27.3 million inhabitants Uzbekistan is the most populous country in Central Asia. The country borders, among others, on Kazakhstan, Kirgizstan and Tadzhikistan as well as Aral Sea. The capital Tashkent has about two million inhabitants.

In this city the expert team of Schrack Seconet was able to implement a rather unusual project. In Tashkent an ultramodern congress hall was established, which was ceremonially opened on September 1, the independence day of Uzbekistan. The complex of buildings is among the architectonically most interesting and largest establishments in all Uzbekistan. It goes without saying that in a building of this kind fire protection is of utmost importance. Within four weeks Schrack Seconet teams from Vienna and Moscow developed a perfect fire protection solution

Protection for the landmark building of Uzbekistan

for the congress hall, together with the partner company Qurilish Texnologiyalart, which, due to the size of the object, posed a logistic challenge. Completing a project of this size and at this distance precisely on deadline was truly a great challenge. The experts of Schrack Seconet, however, have mastered the task to perfection. The number of the components used was remarkable: 2000 multi-sensor detectors and about 70 linear smoke detectors were installed. Fast detection of the sources of a fire, clear control commands of fire extinguishing, smoke suction and alarm systems – all of these features work effectively and smoothly. “Unique projects such as this one underline the position of our Russian representative office in the huge market of Central Asia,” says project manager Larissa Kirsch. ■



Excellent solutions for excellent research institutions



© Maria Gugging

▲ Maria Gugging/Klosterneuburg

It has been discussed for a long time. Now it is a reality: the “Elite University” at Maria Gugging/Klosterneuburg.

The Institute of Science and Technology (IST) Austria dedicates itself to scientific fundamental research and postgraduate education in the fields life sciences, physics, chemistry,

mathematics and computer science. In 2007 the reconstruction works on the premises of the former hospital complex were started. Schrack Seconet is responsible for preventive fire protection on the entire campus. A fire alarm system was designed for several development phases to fit the requirements of the vast area. In addition

“ Fire protection at the whole campus area ”

AirSCREEN ▶ ASD 535



© Schrack Seconet AG

to Integral fire alarm panels, SecoLOG operation control systems are used which collect and represent all messages and states of the system. The innovative smoke aspiration systems ASD 535 are important components of the system as well. ■

Ample campus area ▼



© Maria Gugging

Schrack Seconet won the order from ISTA and FH Campus Vienna

Schrack Seconet has demonstrated its competence in the field of security solutions with the installation of a student billing system for the FH Campus (Technical College) in the 10th district of Vienna.

After the successful installation of a fire alarm system the Technical College set us another target: the development of a “campus card”, which not only was to serve as an ID card for students and employees but also to make possible cashless payment for copies, at vending machines and in the cafeteria. The solution: contactless chip cards the size of a credit card, whose validity is extended each semester for the students. This validation process can be performed by the students themselves at specific control panels. At these panels also the services already used are represented in a clear manner. ■

© Christoph Wessely



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“ The solution: contactless chip cards ”



Schrack Seconet and the black gold



Petroleum is an important motor of global economy and virtually the most important raw material of modern industrial society. The oil price is the central value at international raw material markets. Motorists have to come to terms with its volatility every day at the pump. Companies

of the petroleum industry, such as refineries, need specifically sophisticated protection measures and perfectly designed preventive fire protection. And this is where Schrack Seconet comes in. After all, the top player of the sector equips companies in Austria and abroad with innovative fire alarm systems.



© Schrack Seconet AG

Feodosian Oil Terminal, Ukraine ▲

With the incredible number of 17,000 individual components, the “black gold” is one of the most complex mixtures of organic substances. From a global point of view crude oil is still the most important fuel. In 2008, about 73 million barrels of petroleum were produced every day, i.e. 11.6 billion litres or 3.65 billion tons. This brings global oil production to a new high. The big oil companies have increasingly invested in oil drilling and found numerous new deposits. Last year almost 200 new oil findings were reported. The incredible number of 85 million barrels is consumed every day all over the world, with the main consumers being USA, China, Japan and Russia. The demand in India increases significantly as well. However it is a well-known fact that the reserves of petroleum are not inexhaustible. Experts do not quite agree with each other, when asked when petroleum will be replaced by renewable fuels. According to the majority, however, the global reserves are secured for at least another 50 years. Petroleum is an economically relevant commodity, having an immediate impact on the role of the US dollar as global currency. While it is true that the importance of renewable fuels is

“ **Crude oil – the most important energy source worldwide** ”

constantly increasing, oil will still be important in the energy mix of the future. For apart from its role as primary source of energy and for the production of fuels, petroleum is often used as base material in the production of plastics, cosmetics or pharmaceutical drugs.

Critical business areas call for the most advanced fire alarm systems

Companies that are active in petroleum production and storing are tied to specific building regulations due to the criticality of the business. Of course these regulations include increased preventive fire protection, ensuring highly-effective detection of fires and leaks. During the past years Schrack Seconet has gained great reputation when it comes to designing and implementing high-value system solutions. A good example is the petroleum tank farm, ETLB. The subsidiary of the Austrian petroleum stockholding company (ELG)

operates three tank farms at Wien Lobau, which store emergency reserves of oil, based on the requirements of the Oil Stockholding and Registration Act, to prevent supply bottlenecks. Schrack Seconet has installed fire alarm systems both in the tank farms and in the office buildings, which meet the specific requirements of the premises.

OMV and Rohöl-Aufsuchungs AG (RAG) search for and produce petroleum in the Vienna basin and in the molasse zone (Upper Austria and Salzburg). It is a well-known fact that Austria is dependent on oil imports in addition to domestic production, which in 2009 amounted to 0.9 million tons. Austria imports oil from 17 countries, the most important ones being Kazakhstan, Iraq, Algeria and Libya. In 2008 total imports amounted to almost 8 million tons. From a global point of view, Saudi Arabia, Russia, Iran and Nigeria are the largest oil exporters. In Austria a network of oil pipelines exists with a total length of 660 kilometres. The Adria-Wien Pipeline (AWP) branches off from the Transalpine Ölleitung (TAL) in Carinthia and leads to the only refinery of Austria, located in Schwechat near Vienna. The Schrack project along the

420-km pipeline from the pumping station in Würmlach to Wien Schwechat comprises almost 30 fire detectors of the type BMZ Integral. In addition, the tanks are monitored with special infrared flame detectors.

The export department of Schrack Seconet as well has a list of important references from the petroleum industry. Numerous refineries in CEE have opted for the reliable systems of Schrack Seconet, as for example Lotus refinery in Danzig, Poland, which is among the largest in the country. 37 fire alarm panels with 1600 detectors and more than 500 modules protect the vast area. In 2010 the fire alarm system will be expanded by another seven panels. With the easy-to-use panel of BMZ Integral a graphical representation of incidents is possible at eleven locations. In the Ukrainian city of Feodosia, on the Crimean peninsula, Schrack Seconet has equipped the

“Feodosian Oil Terminal”, which stores crude oil and mineral oil, with an all-over protection fire alarm system. Starting off with the installation of an Integral system in 2004, the system has been continuously expanded over the past years. Another refinery on the reference list is located in the city of Kirishi. In this city the company Kinef operates the largest refinery in Northwestern Russia. “What customers in this sector appreciate about fire alarm systems of Schrack Seconet is in particular the principle of redundancy. Two independent systems are installed in one fire alarm panel, thus making a failure



© Schrack Seconet AG

of the system impossible,” says Head of Export, Herbert Hübl. ■

“ Important references from the petroleum industry ”



© Schrack Seconet AG

▲ Kinef Refinery, Russia

Schrack Seconet has implemented fire alarm systems for the following national and international partners in the petroleum industry.

- Erdöl-Tanklagerbetrieb (ETLB) Lobau (Lobau tank farm)
- Adria-Wien Pipeline
- Lotus Gdansk Refinery, Poland
- Feodosia Oil Ukraine
- Kinef Refinery, Russia



© Schrack Seconet AG

▲ Lotus Gdansk Refinery, Poland

Petroleum – facts & figures

Global production 2008:	73 million barrels petroleum per day, incl. condensates (about 11.6 billion litres or 3.65 billion tons)
Global daily consumption 2008:	85 million barrels
Annual increase of world consumption:	2 percent
Average Brent crude oil price 2008:	97.26 US Dollars
Petroleum imports into Austria in 2008:	7,942,692 tons
Fuel consumption in Austria 2008:	9.7 billion litres

FIRE SPECIAL

Gerald Hillinger – the new Chief Fire Officer of the City of Vienna!

On June 30, Dr. Hillinger received the certificate of appointment from the Chief Executive Officer, making him Head of Municipal Department 68. Later in the evening his predecessor, Dr. Friedrich Perner, presented him with the “red action telephone”.

F&C: The Professional Fire Brigade has an excellent reputation both in Austria and internationally. Is there still room for improvement?

“ **Our focus is on the special field of harmful substances** ”

This made the appointment procedure for Dr. Hillinger as new Chief Fire Officer of the City of Vienna complete. He is now responsible for the Fire Brigade and Disaster Relief. However, this is not new territory for him. After all, he was the deputy of his predecessor for three years. Fire & Care was given the opportunity to make an interview with Dr. Hillinger about his plans and goals.

F&C: Dr. Hillinger, you are the new Chief Fire Officer of the City of Vienna. We should like to extend our sincere congratulations also on behalf of VBÖAustroalarm. What will be your focus areas in your new function?

Hillinger: I am very satisfied with our reputation and our image. We have achieved very much in the international fire brigade associations and I want to continue on this path. Our focus is on the special field of harmful substances. I am particularly pleased that the Vienna Professional Fire Brigade also contributes to the positive image of the Municipality. We will cultivate our image by offensive public relations. For me this includes in particular the Festival of the Fire Brigade Am Hof, participation in the events of the association “Helfer Wiens” (helpers of Vienna), the Fire Brigade Ball but also editing operation reports for media use. Of course every single fire fighter enhances the positive image of the fire brigade. Therefore the way we present ourselves and our values, i.e. to be present and willing to help, is very well received by the citizens of Vienna.

F&C: What do you think of the cooperation with Austrian manufacturers of fire alarm systems?

Hillinger: The cooperation has always been very good and has taken place on an agreeable and friendly basis, and I am sure it will keep on functioning in the same way. It is important for us that systems are developed that standardize usability and handling on a high quality level for the fire fighter. This will enable us to work professionally and to forward the required information fast. In this way security for all persons involved is guaranteed. Another important factor for us is that there are uniform standards. After all, the important interface still is the fire fighter.

F&C: How strongly is the work of the Vienna Professional Fire Brigade supported by the

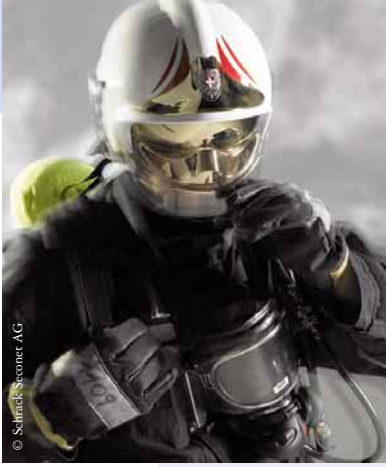


© Dpl. Ing. Dr. Gerald Hillinger

▲ Dr. Gerald Hillinger
Chief Fire Officer
of the City of Vienna

“ **One of our major tasks – the promotion of training and education** ”

Hillinger: One of our major tasks will be the promotion of training and education. I am planning to take the necessary steps already in the near future. We have a staff of about 1,800. More than 1,700 of them work in active operations. The know-how always must be up-to-date to ensure optimum safety for our citizens. In addition, I want to intensify our good cooperation with the Austrian Federal Fire Brigade Federation and also to maintain the high standard of dealing with the topic of preventive fire protection and to continue the related activities and measures.



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high quality of the equipment and fire alarm systems?

▶ Action force of the Vienna Professional Fire Brigade



© Wiener Berufsfeuerwehr

Hillinger: Specifically from the perspective of the fire fighter, who, after all, is the secondary user of the systems and equipment, it is important that a controlled procedure is safeguarded. The responsibility in terms of security will always rest with the property owner or system operator. However, we are the helpers in extreme or dangerous situations and therefore have to know what we may get ourselves into. Therefore also the maintenance issue of the systems is very important. For it is only continuous maintenance that will guarantee quality and thus also security.

F&C: A prerequisite for security is knowledge! This is the motto of VBÖAustroalarm. Do you think that architects, constructors and designers know more about the necessity of preventive fire protection than was the

case ten or fifteen years ago?

Hillinger: There is generally more knowledge and understanding around today. At the same time, however, we are confronted with a development in the construction sector, which I would like to dub as "bold architecture". By this type of architecture, which of course may be very attractive, also the demands on preventive fire protection have increased and it also poses a challenge in terms of fire protection technology. It is important for all those involved to know:

attractiveness must never be traded for security!

F&C: Dr. Hillinger, thank you for talking to us. We wish you a lot of success for your responsible task. ■

Dr. Gerald Hillinger was born on March 11, 1966. After his graduation from high school, he studied chemical engineering at Technical University Vienna. After his graduation from Technical University, Dr. Hillinger received a Schrödinger scholarship and thus was able to continue his studies and research activities for one more year in Buffalo/USA.

Dr. Hillinger has been working with the Professional Fire Brigade of Vienna since 1993. He is married and has two children, a daughter, aged 12, and a son, aged ten. Also in his rather scarce leisure time he engages in his former research areas: his main interest is in renewable energy and fuels of the future.

Praxishandbuch „IT im Gesundheitswesen“

Erfolgreich einführen, entwickeln, anwenden und betreiben

Information technology plays a major role in modern medicine and in the day-to-day routine of hospitals. IT speeds up and simplifies many processes in the health sector. The present practice handbook addresses a broad public. The target group includes not only doctors and nursing staff but also members of the hospital administration and quality managers. Apart from the development and integration of information systems it is particularly IT management that is in focus. Relevant tasks of hospital IT are described in great detail as well as interdisciplinary interrelationship with business management, legal matters and

Practice handbook "IT in healthcare"

Successful introduction, development, application and operation

health politics. A special section is dedicated to the development of IT solutions in the health sector in compliance with the respective standards and legal regulations. The editors, Johner and Haas, are renowned as authorities in the field of IT in healthcare. For this extensive work (554 pages) they were able to find equally competent guest authors. More than 200 images and well-structured classification elements make the sometimes rather difficult subject more easily digestible. The book certainly meets the demand of being a comprehensive and at the same time clearly structured handbook on IT in healthcare. ■

Herausgeber:
Peter Haas, Christian Johner



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BOOK

RECOMMENDATION

ALL IN ONE



FIRE ALARM



HEALTH CARE



SECURITY

The art of security.

Permanently ongoing innovation, years of experience and the unstinting quality of our products, have contributed to us becoming a globally renowned contact for comprehensive security solutions.

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