# Integral IP CX.

## Compact Fire Safety.

FIRE ALARM

SCHRACK
SECONET

www.schrack-seconet.com

INTEGRAL IP CX

# The original choice for secure fire safety.

**Integral IP CX –**
**the highest level of fire safety.**
The latest technology, utmost precision and absolute security – these are the features that set Schrack Seconet fire alarm systems apart from the rest. There is a lot at stake with preventive fire safety. Human life and assets must be protected and a company's existence must be safeguarded. Our high tech devices detect fires at an early stage and notify the emergency services quickly and reliably. They are quickly mobilised and supplied with all the information they require to be able to perform their work effectively. At Schrack Seconet, we develop fire alarm systems with a high degree of innovation, which handle all the challenges placed upon them, and have convinced customers in Austria and abroad for decades.

**Controlled Security.**
We do not compromise with regard to issues of quality. The security of our customers remains focal to our business. Investment in research and development and co-operation with testing centres and specialist committees in the trade guarantee a product that combines utmost technological maturity with perfect practical relevance. Just as all development stages occur in Austria, the manufacturing of our fire alarm systems takes place exclusively in Germany. We are convinced Europeans. Outsourcing to low-wage countries therefore is not an issue.

**Evolution instead of Revolution.**
We believe in the power of evolution, as we have always been constructing the most secure and modern fire alarm systems. For decades we have been developing fire alarm systems which have been contributing to ensuring that the world has become safer. This is our principle aim! Our high standards and quality guidelines have allowed us to always set yardsticks for our customers, which have brought preventive fire safety to a new high quality level. In our unstinting quest for quality we always implement the latest technologies and make steps in development which

**Cost assurance and**
**cost effectiveness.**
The Integral family from Schrack Seconet, which also includes the Integral IP CX, stands out from the crowd, in that every stage of technical innovation that we enforce, can also be taken by the operator of the system, without needing to replace the whole system. This ensures that the system can always be upgraded to the latest state of technology. This saves costs and highlights the cost effectiveness of our fire alarm systems.

contribute to our undisputed position at the summit of innovative trading in our sector. This is also the case with the Integral IP CX, which continues the success story of Schrack Seconet's developments.

INTEGRAL IP CX

# Developed for optimal fire safety.

**Integral IP CX – Redundancy as a principle.**
The components of the Integral IP CX are intelligent and powerful. Fires are detected at the earliest possible stage. With its software redundancy the fire alarm control panel carries out its job consequently and efficiently. Redundancy's unique features ensure that the fire alarm control panel can raise the alarm at any time. The Integral IP CX monitors itself. Consequently, the ability of the entire fire alarm system to sound the alarm remains fully operational and fully available.

**Integral IP CX – with future-oriented technology.**
The Integral IP CX can act as a partner in the Integral LAN mesh network and is connected into the network via Ethernet interfaces. So that the control panel can also make use of the building's IT infrastructure for certain applications, it is fitted with IP (Internet Protocol) technology. In the versions CXA, CXB and CXF the Integral IP CX is a 1 and 2 loop control panel, with up to four loops being possible with the CXF model.

**Integral IP CX – the platform for optimal fire safety.**
Individual preventive fire safety measures can be deployed perfectly with the Integral IP CX fire alarm control panel, as the system is suited primarily for deployment in small and medium-sized buildings. It is therefore possible to offer comprehensive security and safety for small and medium-sized enterprises too at affordable costs using the latest technology. The Integral IP CX fits the requirements of these partners in particular due to the fact that it can be flexibly deployed in almost endless different uses. Fault-free monitoring is assured thanks to the proven quality of the Integral system family.

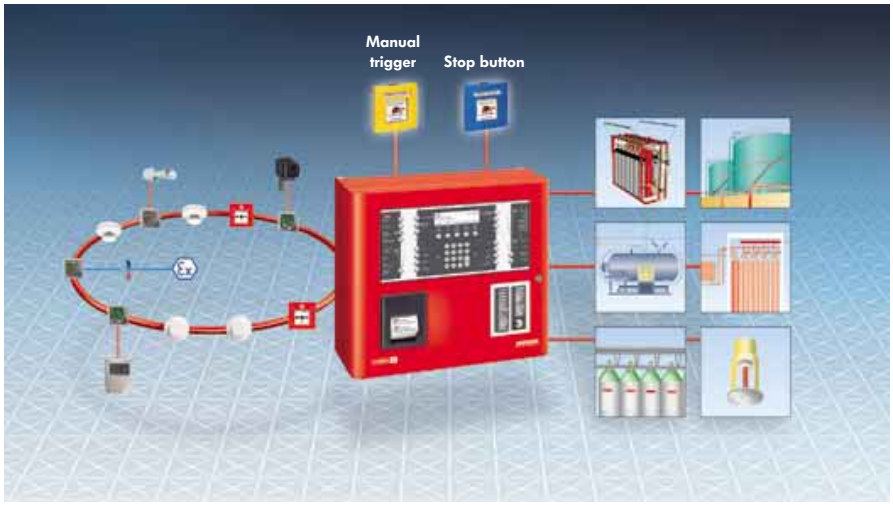
**Integral IP CX – setting new trends and standards.**
New quality standards have been set for preventive fire safety with the Integral IP CX fire alarm control panel. IP (Internet Protocol) is the technology of the future, having proven itself on a daily basis worldwide as a cornerstone of the Internet, and everyday life without is inconceivable. This technology allows us to form and construct completely new types of network structure for fire alarm systems. All possible functions and controllers can be freely programmed and can be networked with system partners.

# INTEGRAL IP CX

# It grows to the most difficult conditions.

**Integral IP CX –**
**a new approach for peripherals.**
The Integral IP CX fire alarm control panel is one of the safest and most flexible fire alarm systems on the market. Many included extra functions make it a universal partner in all preventive fire safety matters. A matching control system for extinguishing systems can be integrated into the fire alarm system. In this case the Integral IP CX not only acts like a fire alarm control panel, detecting all events, but also functions as a single zone extinguishing control panel, controlling the extinguishing system. The control panel can be used as an extinguishing system control panel or a combined fire alarm and extinguishing system control panel.

**Compatible and made to order.**
The large number of extra functions allow us to offer tailored concepts providing individual solutions. All links function between detectors, elements, extinguishing components and fire alarm devices over loop circuits and subcontrol units. Compatible and made to order! Both these important properties characterise the Integral IP CX accurately and reasonably. As with all Schrack Seconet fire alarm systems it is forward and backward compatible and is therefore a flexible and adaptable system. All components in the system can communicate with one another, even if they are from different generations. Systems that have already been installed can therefore be upgraded and overhauled without technical difficulties.

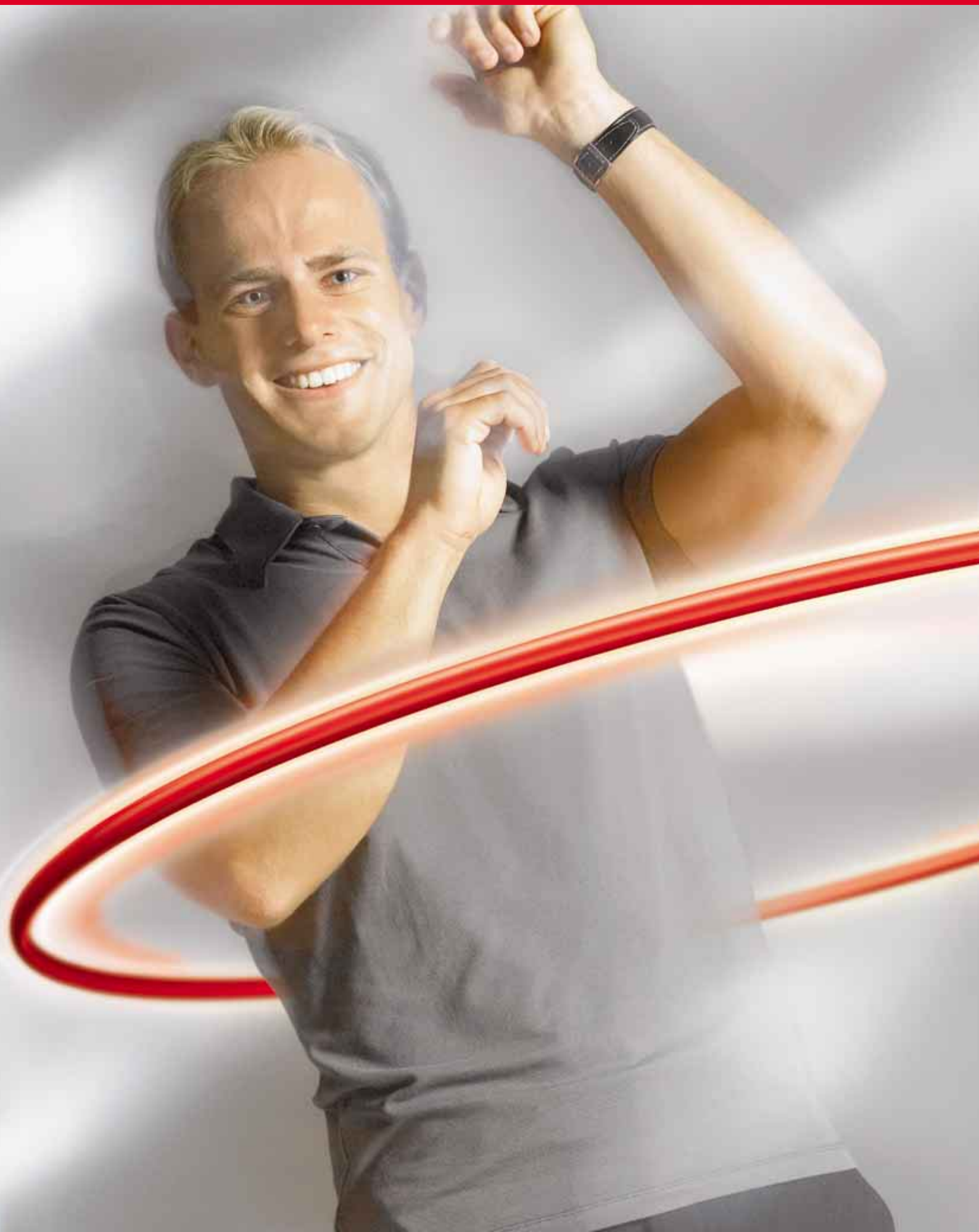


**Certified and approved.**
All Schrack Seconet systems and products exceed the requirements of national and European standards. The Integral IP CX is also approved in accordance with EN 12094, the standard which came into force in 2004 and which determines the required functions for automatic electronic control and delay units.

The whole Integral IP CX system is therefore certified as both an extinguishing system control panel as well as a combined fire alarm and extinguishing system control panel. It conforms to EN 54 part 2 and part 4, which determines the requirements, testing process and functions for fire alarm control panels.

**Integral IP CX – for universal use.**
The extension module increased the possible uses of and areas of deployment of the fire alarm control panel, which performs under the relevant conditions. Dust, moisture or extreme temperatures do not faze it. Even in such conditions it remains fully functionally, as its case can be equipped to withstand the harshest conditions and electromagnetic compatibility (EMC) is also ensured. Self-test routines are used to ensure than any faulty function is discovered immediately.

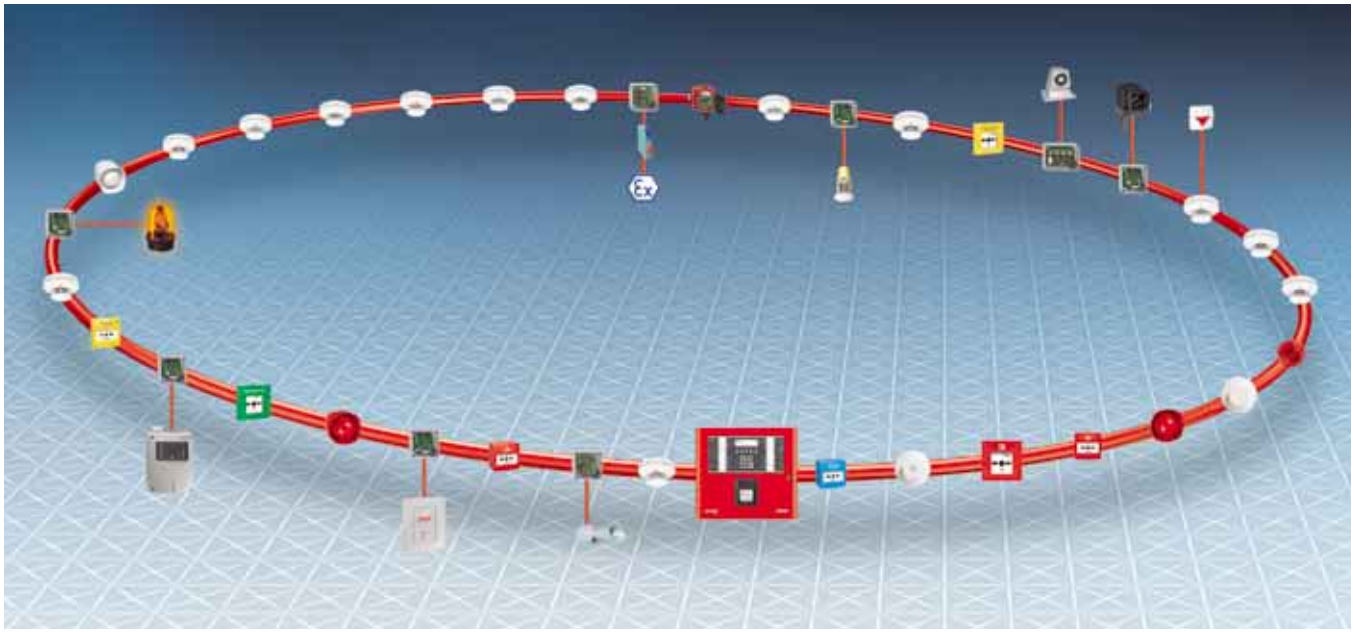
INTEGRAL IP CX



# X-LINE – fire safety without limits.

**Evolution of proven technology.**
We are actively involved in constant further development in all technological issues. It is therefore important that we can present the stage of development to our customers with every innovation, based on existing knowledge and know how. Evolution is our slogan for all technical development issues.

**"Usability Engineering".**
Schrack Seconet will produce the optimal solution for your fire safety needs, regardless of the building to be protected, the branch in which you work and in which region your company is located. The information chain guarantees that data is passed on immediately after detection and increases your opportunities to react. We can offer the correct solution for every requirement, and in drawing up the fire safety concept take into account the individual risks to which you may be exposed. Loss of data, assets and business premises due to a fire not only disrupt a company's ability to conduct business substantial but even endanger companies' existence.



**Increased capacity for your safety.**
The newly developed Integral X-LINE allows unlimited scope for peripherals and connects all components in the system together, such as detectors, fire alarm devices, acoustic alarm notification devices or other control mechanisms and can even incorporate special fire detectors, such as smoke aspirating systems. It therefore allows the number of devices to be connected to be doubled, thereby further increased performance. Up to 250 devices per loop and increased loop lengths of up to 3,500 metres as well as very short start-up times bring the proven loop circuit technology to a higher plane of development.

**Individual possibilities to expand.**
Permanent intelligent communication between the control panel and the individual modules is ensured with the Integral IP CX. With the system being renowned for its high level of flexibility and compatibility, it can therefore be extended and upgraded at any time for purposes required in the future, and also be adapted to suit the individual requirements of the user. If necessary, additional required components can also be subsequently connected. This permits an upgrade of existing systems to the current standard technology at any time as required.

INTEGRAL IP CX

# A platform for user-friendly security.

**The Integral IP CX speaks an easy to understand language!**
Schrack Seconet products correspond to the technological state of the art. As high tech systems they are also responsible for the safety of human life and for protecting assets. The devices always operate and forward information in the local language quickly and simply. So that every emergency service as well as every staff member operating the unit can receive clear instructions in their own language, the Integral IP CX is programmed in such a way that it can speak all major world languages. The user interface and the display

texts are available in many different languages and are noted for their high level of user-friendliness. They explain quickly and clearly what needs to be done. The Integral MAP operating panel ensures that the system is easy to use.

**Direct communication – simple and clear.**
The Integral IP CX is not only a fire alarm control panel of the highest degree of precision, but is also a very sensitive instrument for communication. It gives clear and thorough standardised information and instructions and offers a structured overview of all system processes. New functions with a high degree of user-friendliness make the tasks of users, specialist staff and the emergency services easier.

**Integral IP CX – security at a glance!**
The fire alarm control panel's display supplies you with all the necessary information about operation, faults, alarms and other states. IT provides you with an informative overview about the status of your fire detector system. The display provides quick and concise answers to the most important questions: What has happened? Where has it happened and when did it happen? The Integral MAP operating panel offers a structured overview of all system processes and is attractive thanks to its high level of user-friendliness. The user interface and display texts conform to all modern forms of communication. The simple and intuitive operation in the language of the country makes the system easier to use. The Integral IP CX can be deployed around the globe.

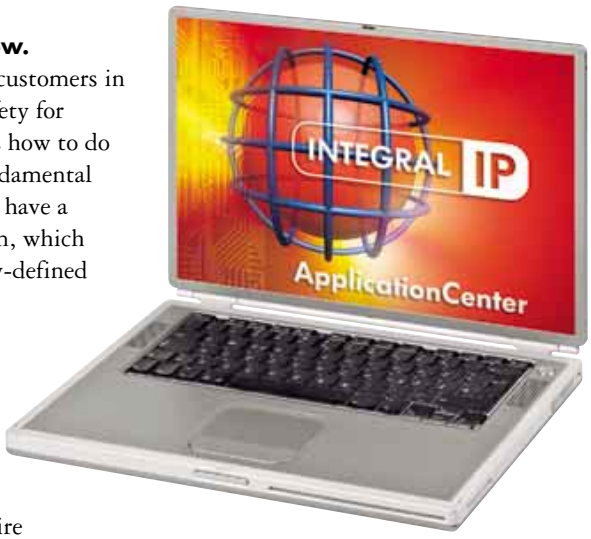
**Integral IP CX – your own personal information system.**
Everything happens very simply with the Integral IP CX – the fire alarm control panel saves all procedures and activities. The events of the last few days can be called up at the touch of a button, and can also be printed out. The fire alarm control panel thereby becomes your personal storage and information system for all security matters.

INTEGRAL IP CX

# Reliable servicing included.

**Knowledge and know how.**
We have been active for our customers in the area of preventive fire safety for decades. No-one can show us how to do it. We conduct intensive fundamental research into technology and have a competent development team, which puts emphasis on new clearly-defined quality standards with every system that is launched. Furthermore, we are also intensively involved in Austrian professional federations and EU committees and cooperate with technical universities, fire prevention bodies, fire brigade associations and testing centres for system certification. We bring together theory and practice into a fruitful symbiosis and often a perfect blend of experience and the most modern technology.

**Routine Servicing and Support.**
Schrack Seconet offers a comprehensive support programme for all its customers. This begins with the centralised support department for customer service technicians, partners and installers and finishes with comprehensive customer service, which is available for all needs. All technical queries can be answered around the clock using our telephone hotline. Of course we also act for customers directly on-site. Whether the system is functioning properly is checked during inspections, servicing or a complete overhaul.




In our dedicated training centre in Vienna and in various international training locations, our customers and partners are trained how to handle the systems.

**Made in Europe.**
This seal of quality means for Schrack Seconet that all fire alarm systems are developed in Austria. The systems are focussed solely on the cutting edge of technology, and have been fulfilling standards for years, that have been far above the legal requirements. High quality in construction is also ensured by the fact that manufacturing and production is carried out in Germany. It has never been a consideration for us to outsource operations to low-wage countries. Such a high level of development and production, which satisfies our requirements for security in preventive fire safety, can only be found in Europe.

**Our customers are the best possible reference for us.**
Schrack Seconet products are held in high regard in many parts of the world. Whether in buildings of cultural significance or avant-garde hotel buildings, large arenas or highly explosive production facilities, or constantly growing airports or modern industrial estates - all these structures are protected by our systems. Schrack Seconet is an Austrian company with subsidiaries in Poland, Sweden and Hungary and representative offices in Romania, Russia, Slovakia, Czech Republic and Turkey, and services customers in many countries in Central and Eastern Europe and Asia through its network of local partners.

# INTEGRAL IP CX

**Fire alarm control panel CXF.**
The Integral IP CXF is a cost-optimized fire alarm control panel for small systems, with a total of a maximum of 500 elements able to be connected to two loop circuits in its basic version. Moreover, they also have another interface, to which either a LAN networking module, two further loop circuits, a universal interface module or an input/output module can be connected.

Each control panel forms an autarchic unit with its own power supply and battery backup supply, to which external operating panels, fire brigade control panels, printers etc. can also be connected as well as detector zones and controllers.
The Integral CXF can be integrated into an Ethernet mesh network if required, and is fitted with software redundancy to ensure the security of the system.

The Integral IP CXF is available with several different types of case – with or without a log printer or as a black box.

**Fire alarm control panel CXA.**
The Integral IP CXA fire alarm control panel is a cost-optimized single loop fire alarm control panel, suitable for connecting a single loop circuit with up to max. 250 devices. The control panel contains all the necessary interfaces for connection to the fire brigade, as well as relay outputs and an external device bus connection. The Integral IP CXA can not be networked, as is therefore not suitable for connection to superordinated systems.

**Fire alarm control panel CXB.**
The Integral IP CXB fire alarm control panel is a cost-optimized single loop fire alarm control panel, suitable for connecting a single loop circuit with up to max. 250 devices. The control panel contains an interface for the external device bus, alarm transmission to the fire brigade or relay outputs which are realised using loop modules. The Integral IP CXB can not be networked, as is therefore unsuitable for connection to superordinated systems.

Dimensions (all CX types): 600 x 445 x 225 mm (HxWxD)
Case colour: red RAL 3000

# A comprehensive product portfolio.

**Electronic Control and Delay Unit.**
The Integral IP CX system can also be used as an Integral IP CXE extinguishing system control panel or combined Integral IP CXF/CXE fire alarm/extinguishing system control panel. A different cabinet version is available for this purpose, containing an additional LED parallel indicator panel for a single extinguishing zone with extra freely programmable inputs and outputs. This version of the Integral IP CXE conforms to the standards and directives EN 12094-1 and VdS 2496, and is suitable and approved for controlling a single extinguishing zone and monitoring the following fire extinguishing systems:

- $CO_2$ high & low pressure extinguishing systems where life is or is not endangered.
- Inert gas and argon extinguishing systems where life is or is not endangered.
- Water spray and mist water deluge systems
- Pre-action sprinkler systems
- Sprinkler systems
- Chemical extinguishing systems

**Integral MAP external operating panels.**
Available with or without log printer for connection to all Integral IP control panels. Up to 8 external operating panels can be connected to a control panel via its own data bus, up to 1,200 m from the control panel. User interfaces and display texts are available in 20 languages.
Dimensions (HxWxD): 230 x 445 x 35 mm
or 360 x 445 x 45 mm (with printer).

- Display (6 lines, 40 characters per line)
- Conforms to all options of EN 54-2:2006
- Can be deployed as a main network operating panel
- Toggling between up to 4 languages in normal operation
- Connection for external data bus for connecting additional indicating and operating devices
- Freely-programmable buttons and LEDs
- Individual user management with password and user level

**Fire brigade control panels & indicator panels.**
In addition to Integral IP operating panels, various other versions, various fire brigade control panels (e.g. ÖNORM F 3031, DIN 14662, SN054002 conformant) and LED indicator panels are available. Detailed information is available upon request.

**SCHRACK SECONET AG**
**Headquarter Austria: A-1122 Vienna, Eibesbrunnergasse 18 • Tel.: +43-1-81157-0 • office@schrack-seconet.com**
**Technical support Fire Alarm Systems Tel.: +43-1-81157-570 • Technical support Health Care Systems Tel.: +43-1-81157-525**

**Branch offices Austria:**
A-6850 Dornbirn, Sebastianstraße 13a • Tel.: +43-5572-51199-0
A-8055 Graz, Neuseiersberger Straße 157 • Tel.: +43-316-407676-0
A-6021 Innsbruck, Valiergasse 56 • Tel.: +43-512-365366-0
A-9020 Klagenfurt, Feldkirchner Straße 138 • Tel.: +43-463-429362-0
A-4060 Leonding-Hart, Kornstraße 16 • Tel.: +43-732-677900-0
A-5020 Salzburg, Vogelweiderstraße 44a • Tel.: +43-662-887122-0

Czech Rep. • CZ-100 00 Prague 10, V Úžlabině 1490/70 • Tel.: +420-2-74782284
Hungary • HU-1119 Budapest, Fehérvári út 89-95 • Tel.: +36-1-4644300
Poland • PL-02-583 Warsaw, ul. Wołoska 9 • Tel.: +48-22-3300620
Romania • RO-021723 Bucharest, Sos.lancului nr. 6A, Sector 2 • Tel.: +40-21-6533246
Russia • RU-129626 Moscow, Ul. Staroalexejevskaja 5 • Tel.: +7-495-510 50 15
Slovakia • SK-83003 Bratislava 33, P.O. Box 31, Odborárska ul. 52 • Tel.: +421-2-44635595
Sweden • SE-145 84 Norsborg, Botvid Business Center • Tel.: +46-8-680 18 60
Turkey • TR-34722 Kadıköy-İstanbul, Sokak no.: 5/12 • Tel.: +90-216-345 51 99

Partner in (BG) (BiH) (BY) (CH) (CY) (D) (DK) (E) (EST) (FT) (F) (GE) (GR) (HR) (I) (IL) (IND) (IR) (KS) (KSA) (KWT) (KZ) (L) (LT) (LV) (MK) (NL) (P) (PK) (RB) (RL) (RO) (SLO) (SRB) (TM) (UA) (UAE) (UZ)

FIRE ALARM

www.schrack-seconet.com

SCHRACK SECONET

© Schrack Productions - B-PR-592EN - V 1.0 - 04.2010 Subject to technical modifications!