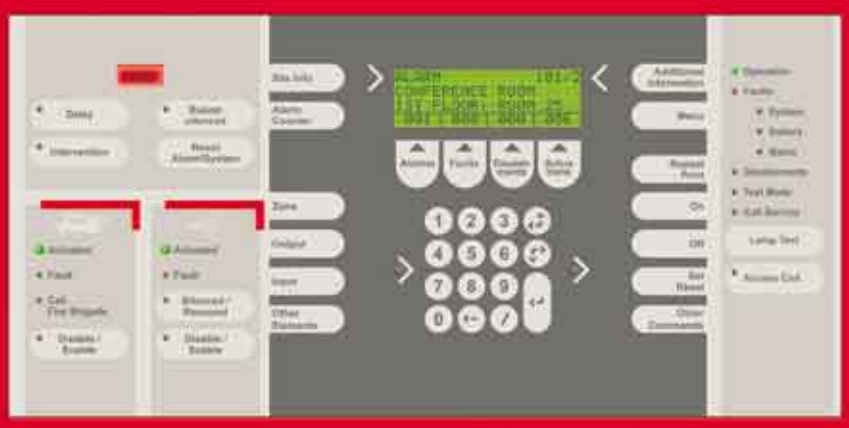
Evolution

NEW



INTEGRAL EVOLUTION

SCHRACK SECONET

Innovation

INTEGRAL
EVOLUTION

For increased safety.

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- NEW **Unique Safety Concept**
- NEW **Intelligent network structures**
- NEW **State-of-the-art Multi-Layer Technology**
- NEW **Decentralised intelligence**
- NEW **Valuable hardware and software redundancy**
- NEW **Multilingual thanks to Uni-Code**
- NEW **Simple commissioning process**
- NEW **Economical forward and backward compatibility**
- NEW **Made in Europe**

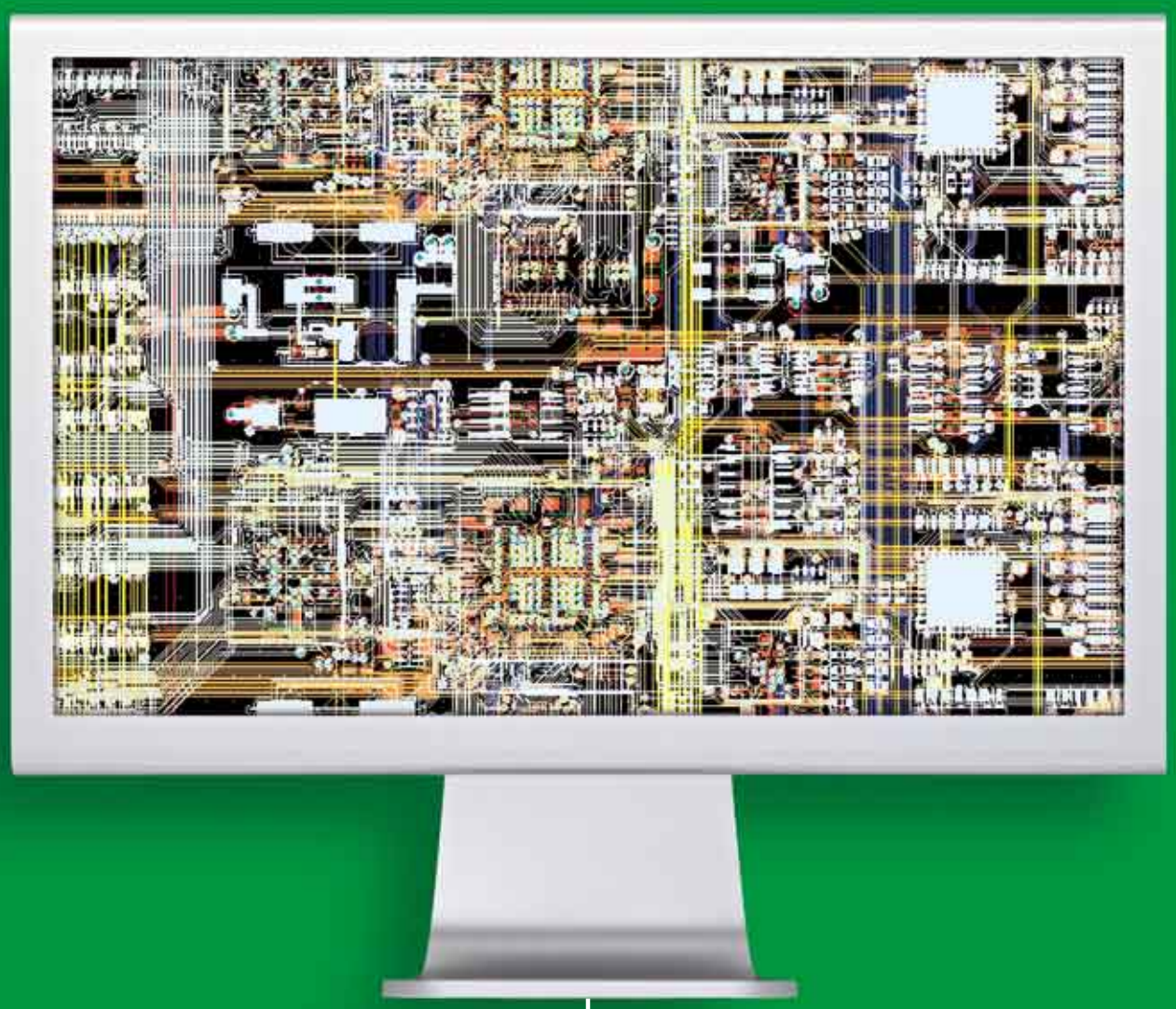
Evolution – when visions become reality.

We manufacture the safest and most modern fire alarm systems! This is what Schrack Seconet aspires to do. It remains our foremost aim, with every other aim being subordinate to this. Since our company was founded, we have also striven to achieve this. In striving to achieve this goal, the implementation of the most modern technology and an unstinting dedication to quality have been constant companions.

Evolution – by specialists for specialists.

Such high standards have always been a cornerstone for our work for our customers. This was already always the case in the development of all our previous systems, which always set new yardsticks. And this continues to be the case with the Integral Evolution, a fire alarm system with decentralized intelligence, which continues the success story of Schrack Seconet's developments.

Best of Evolut



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Nature as an Inspiration.

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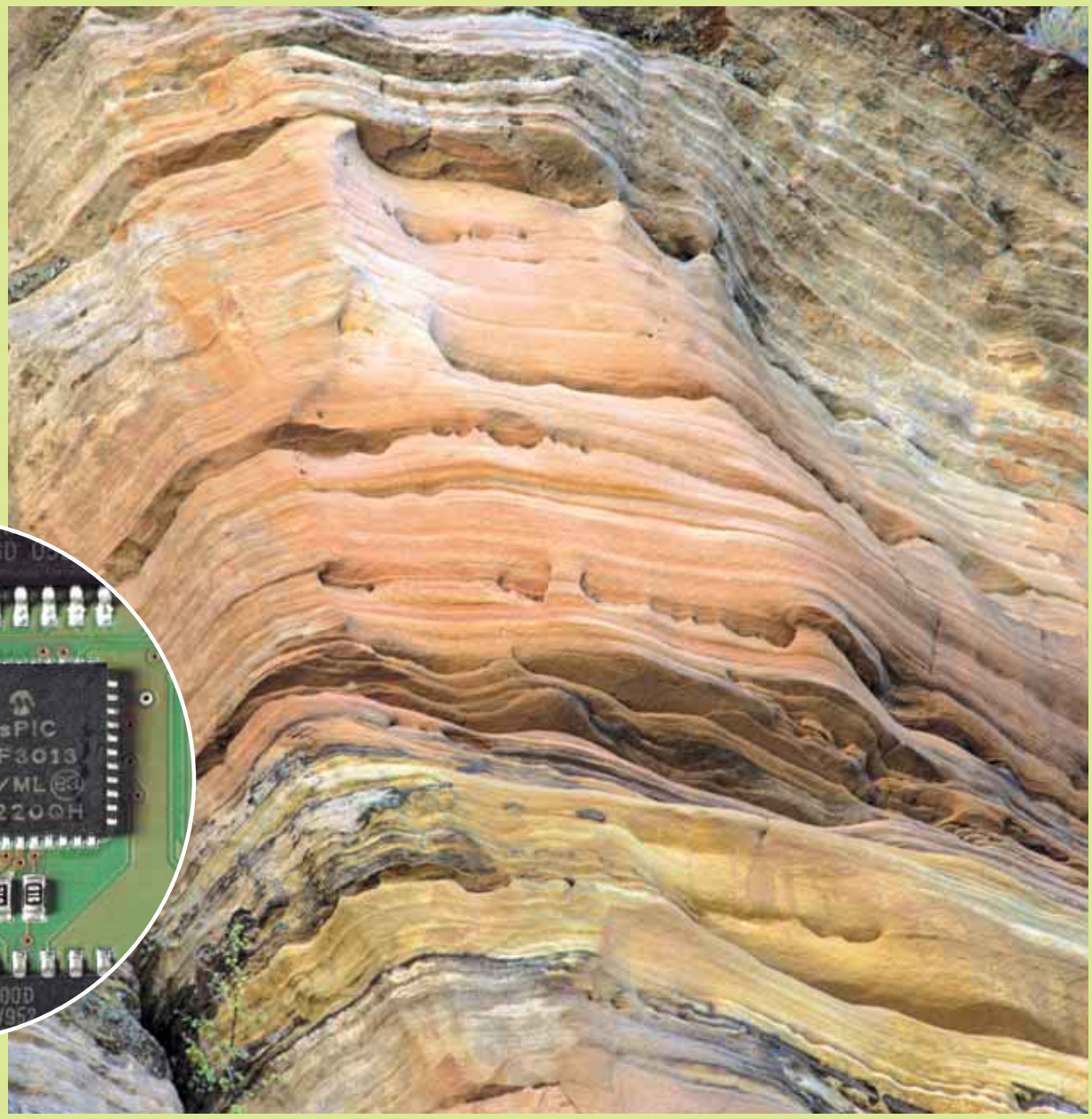
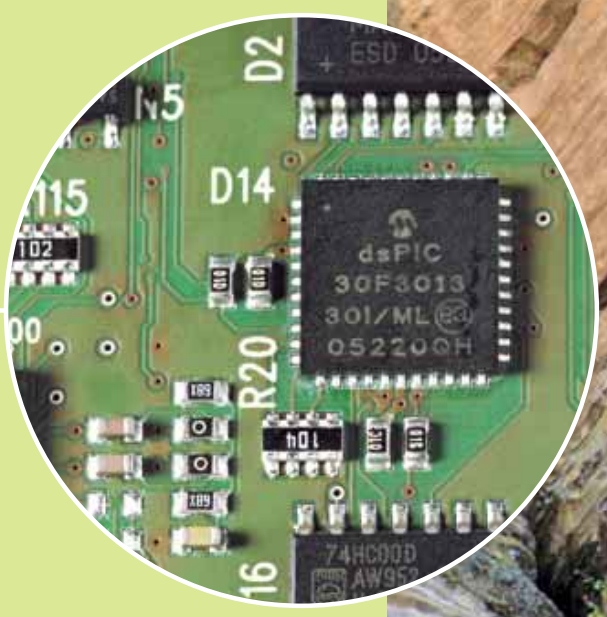
Layer Technology – state-of-the-art technology.
Nature remains the most impressive technical marvel. Evolution has helped to develop ingenious solutions over the millennia. We have therefore used nature as our inspiration in creating the Integral Evolution and have fitted the new range of fire alarm control panels with groundbreaking standards of technology. Larger banks of high-performance memory and faster processors are able to process substantial amounts of data quickly. USB interfaces are accelerating data transfer, and ensure that every element of your Integral Evolution system receives the necessary data safely and swiftly. The basis for all of these features is cutting-edge Layer Technology, which reduces possible electronic interference to practically zero thanks to the deployment of microvia technology. Consequently it has been possible to optimise connections, allowing several functions in the same sized surface area.





Heading into the future at high speed.
In many traditional fire alarm systems, communications are one dimensional: from a single detector to the relevant control panel. Above all, this means that time is wasted. And security technology is precisely where speed is of the essence. Only speed allows danger to people and goods to be averted. It was Schrack Seconet's developers, who in the past already chose to break away from these inflexible single dimensional systems: loop systems, subcontrol unit loops and multiply present components interactively take over all tasks. After all security systems must be thought out to function in the event of a crisis, not just in normal operating conditions. Only a developer who arms the technology deployed to cope in the event of a crisis, taking the possible failure of individual components into consideration, is actually able to build the most stable system, and to thereby offer the best product. For this reason Schrack Seconet has decided to take the next step forward.

The right Way

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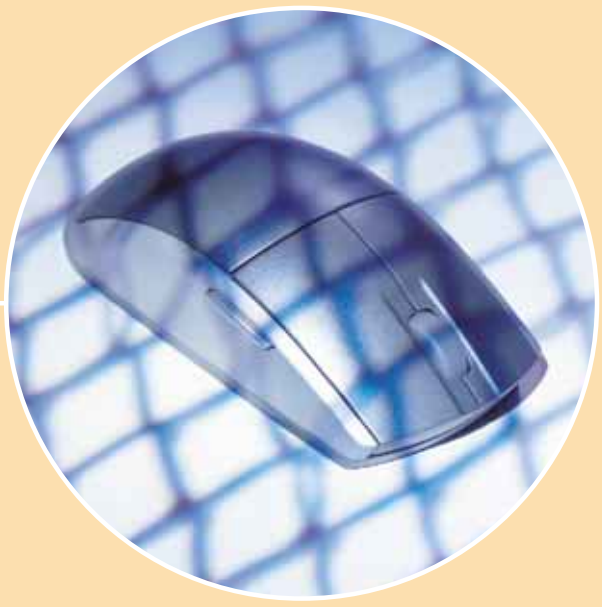
The right way for security.

An improved security concept.
Regardless of whether in high level science, or a gang on a building site: nowadays nearly everyone works in teams. Doing so means that work is easier to carry out. Centralized systems, in which there is a single omniscient presence, are a thing of the past. Such systems are too static and too instable. Technology is also having a rethink. Large networks made up of many smaller processors are more stable and have a greater performance than a single centralized device. This of course applies also to security technology!

Decentralized Intelligence.
Our devices do not only know a single route to the destination. The intelligent system searches for the open information conduits. Its network-based character guarantees that the probability of a system failure is reduced to practically zero and that security in the area increases to a hitherto unimaginable level.



Quite simply faster and more efficient.
The integration of several control panels allows a yet closer meshed network, the physical size of which is no longer limited. Ultimately this is made possible by new higher performance software, which provides many additional innovative and practical features. Self-test routines are able to recognise all system states and changes in state at an early stage. Spot-on precision communication between the detector and the control panel leads to a smaller necessary flow of information and to quicker reaction times throughout the entire system. Every single component thinks for itself! By subdividing intelligence, the performance of the system therefore increases multiple fold. Consequently the Integral Evolution fulfils the two most important requirements expected of a security system. It works quickly and efficiently – all to ensure your safety!

Double Intellige

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EVOLUTION

Double Security.

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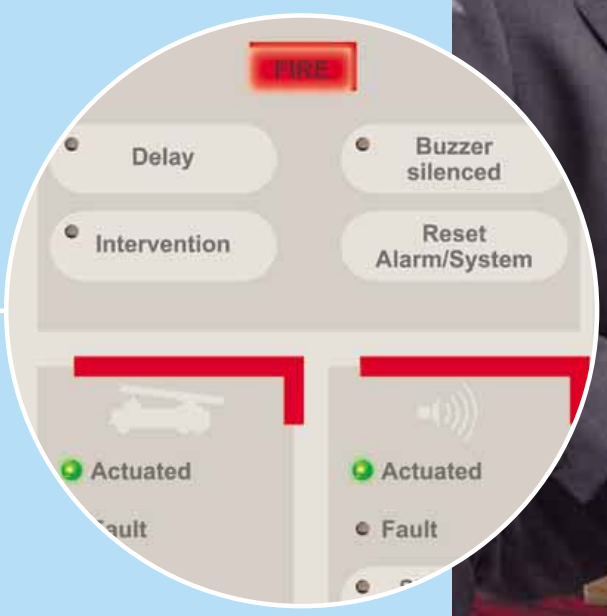
A Success Factor:
Genuine Redundancy.

Despite of all the innovations, well-known preferences in security technology have not been ditched by Schrack Seconet. A key word is redundancy: In the latest generation of systems, that of the Integral Evolution, all components in a system, and all elements are present in multiple quantities. Only Schrack Seconet fire alarm systems can boast this to be the case. A consequence of this redundancy is that the entire security system continues to be fully functional even in the event of the sporadic failure of individual components. And best of all, you will not notice anything. The affected system component's twin sister will simply take over its tasks and will ensure that 100% system functionality is maintained. Self-test routines and constant detailed checks furthermore ensure that a fault does not remain undetected for long.



Perfect control –
covering all eventualities.

The Integral Evolution combines software redundancy with hardware redundancy. Consequently we are able to introduce a new level of quality into fire alarm technology. No other company in the market can offer this feature. Two control circuits with two software packages and automatic changeover function monitor one another and thereby ensure the highest degree of security – with backward compatibility naturally also ensured!

Quick thinking –
reacts immediately with safety.

Now the "thinking" in our security systems is done jointly by the control panel and detectors. As a result, system statuses that deviate from the norm can be more rapidly detected and taken card of, thereby increasing security in the area covered by the system and security against total failure. In the event of a circuit failing, then every component in the system examines the shortest way to re-establish the connection to other system components.

Human Uni-Code

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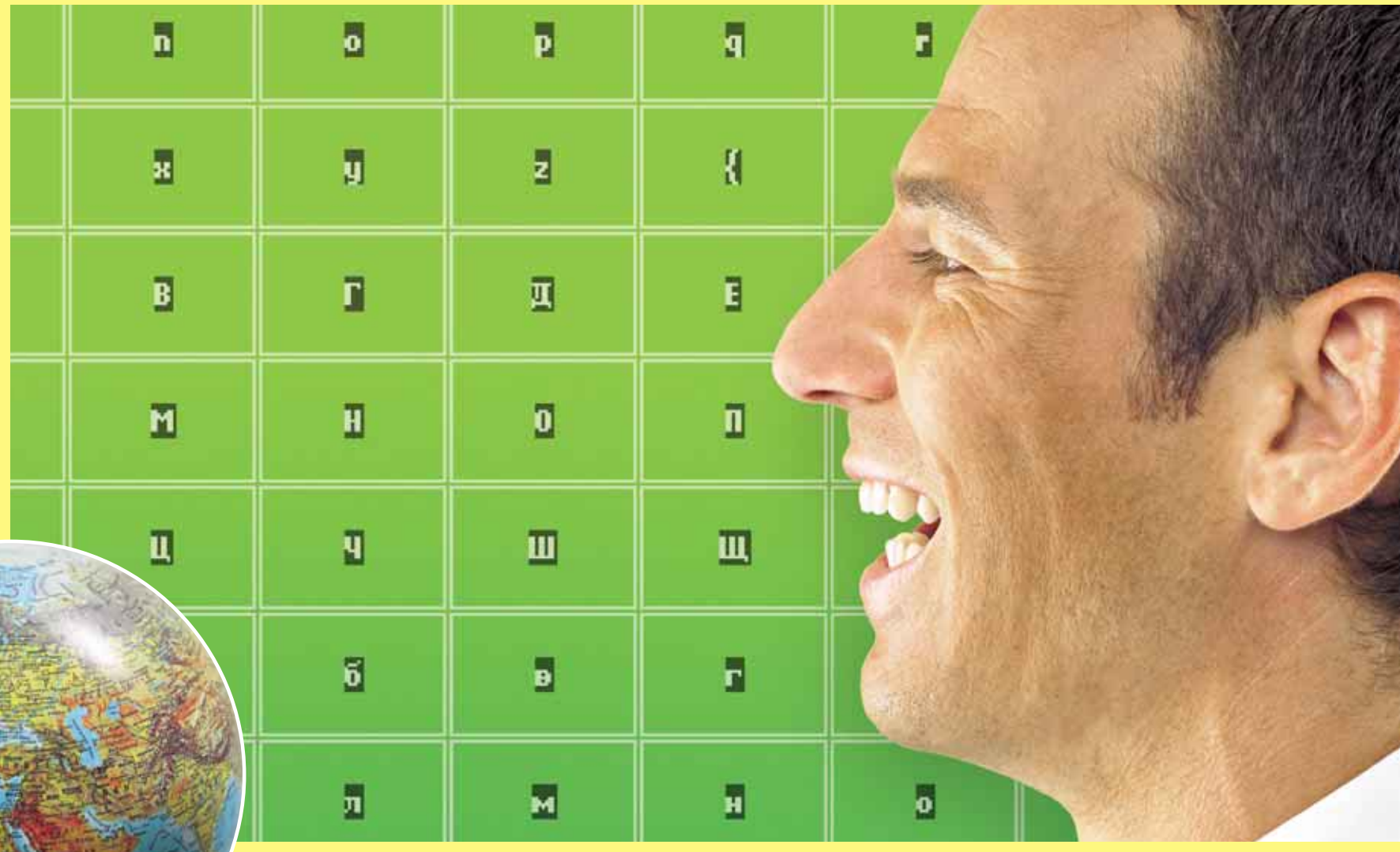
A Multilingual System.

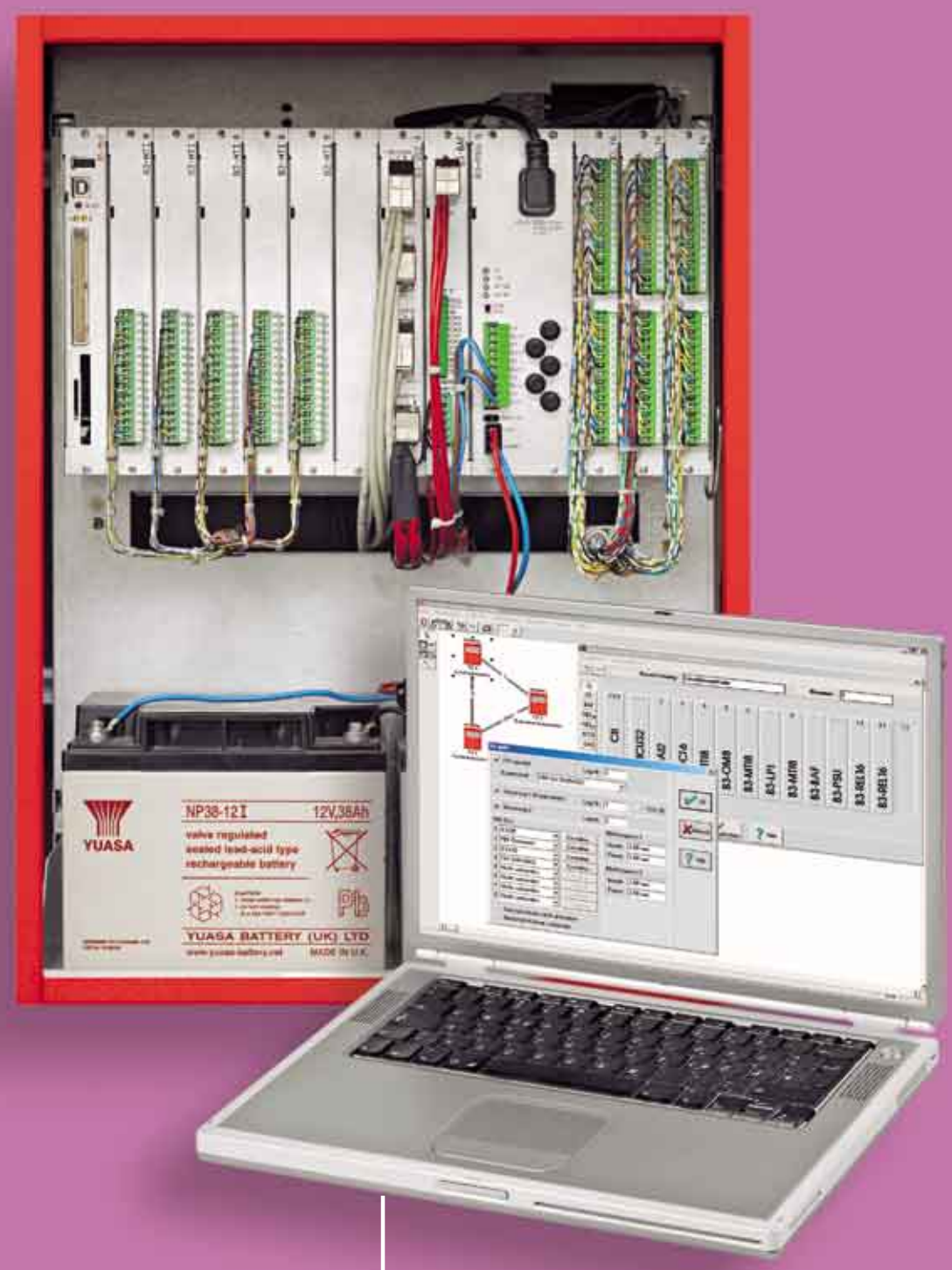
Extremely simple communication between man and machine.
Progress exists for the good of mankind. Especially as far as security technology is concerned. Systems must be intuitively comprehensible and easy to operate. Our systems therefore include many features which make life easier for you as the user. Nothing can get past this system. Furthermore, all important events can also be queried again at a subsequent point in time. A memory chip which is integrated into the system makes this possible, upon which up to 65,000 individual events can be saved. The high end operating panel with a colour display ensures that there is a clear overview! Centralized monitoring of several buildings and controlling the system from the remotely located company headquarters are also possible, as is a current status report of the fire alarm system from a home PC. The RemoteControl Panel feature which we have developed allows you these opportunities and many more too.



A Global Standard.
The finesse of the technical aspects of our system development allows us to set global standards.
Most importantly: you don't have to worry about a thing. Schrack Seconet guarantees you a simple installation process as well as the 100% functional security of your new fire alarm system. To a certain extent you receive it in a ready-to-use state – tailored to suit your demands and requirements. Just ask our experts!

Uni-Code as a Success Factor.
The Integral Evolution also boasts an innovation in terms of language compatibility. The programming is based upon Unicode. This universal character encoding contains all symbols used in all languages. The Integral Evolution is currently already available in approximately 20 languages, and further languages can be implemented without any problem at any time. Unicode also allows us to use different language editions in the same system.

Backward Compatibil



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Secure renovation.

ity.

Renovation and modernisation without a problem.
If you believe that the Integral Evolution's new revolutionary technology would mean that no stone should remained unturned, and that every element great or small in the existing system would require being replaced, then you are very wrong. As ever, 100% backward compatibility has remained a central feature of all Schrack Seconet developments.

For old and new platforms.
This means that previously installed detectors and elements can be integrated into a more modern system at any time. Do you want to renovate your existing system? Do you want to keep your existing detectors or subcontrol units? Do you want to carry out all the necessary modernisation steps, whilst still having a functional fire alarm system at your disposal? No problem.

The new Evolution: Efficient and Economical.
As a result of these advantages, the Integral Evolution is not only an extremely efficient system, but it is also a very economical system. It can be deployed in a modular and cost-saving manner. The modernisation and extension of existing Schrack Seconet systems are possible - both quickly and simply. Security therefore does not become a mere cost factor, but instead becomes an affordable commodity!

Made in Europe

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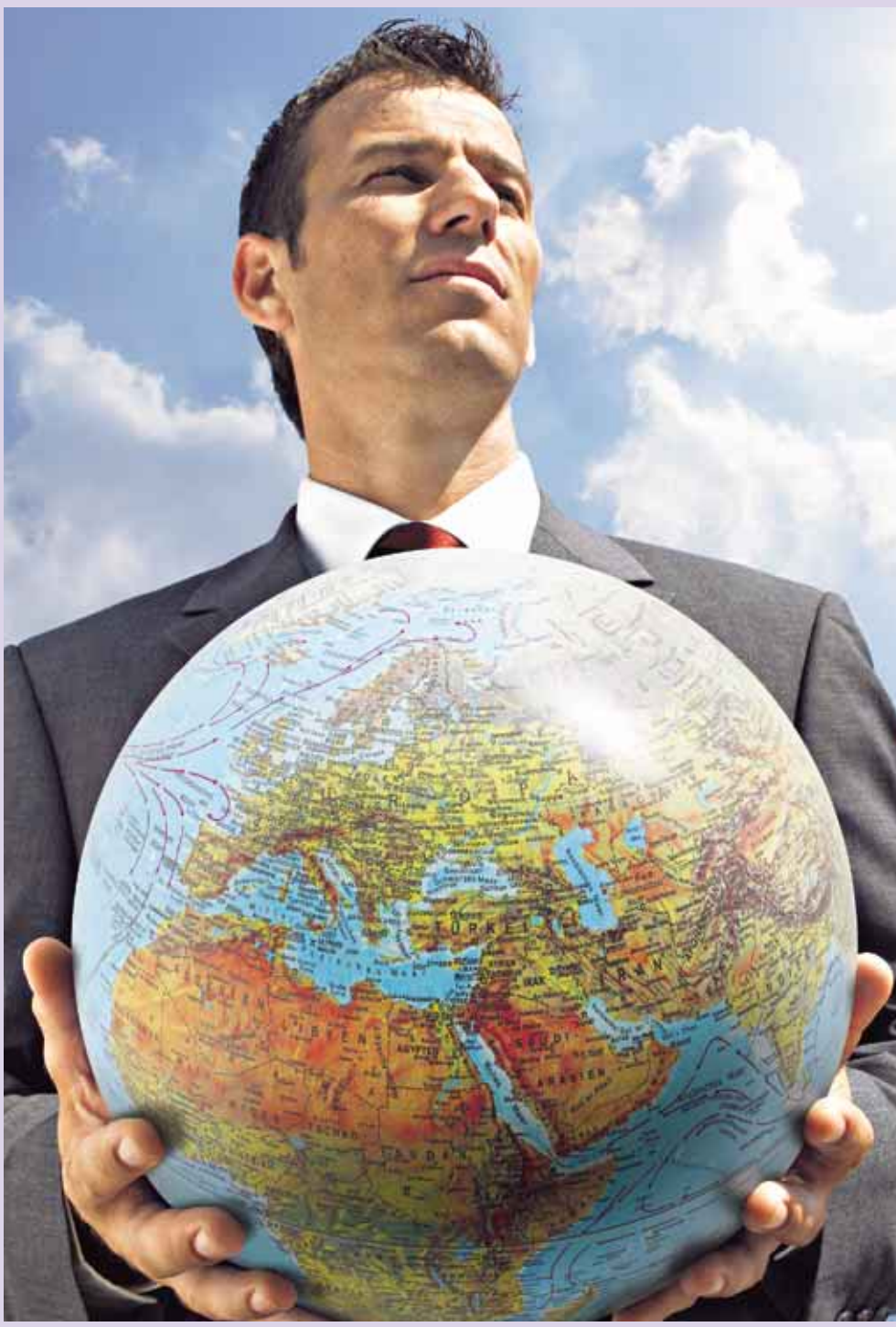
The European Control Panel.

Software – made in Europe.
The adage that you get what you pay for also applies in security technology. For this reason Schrack Seconet does not purchase cheap components and also does not outsource individual production stages to countries with low labour costs. The Integral Evolution is the only fire alarm system of its types, which is exclusively developed in Austria and which is manufactured in Germany.

Hardware – made in Europe.
We are strong believers in the competence of people and in the quality levels of development and production in highly industrialized Europe.
From our pride in our European roots, a demand for quality has emerged, which complies with the most stringent benchmarks – and which is appreciated by customers all around the world.
The Integral Evolution is a truly European system.



Evolution – the package for success.
The Integral Evolution is entering new frontiers in security technology.
It is innovative and deploys the newest technologies.
As a result it sets the benchmarks and standards for the future, and will revolutionise preventative fire safety.
The Software and Hardware components together form harmonious unit, which no other fire alarm control panel is able to boast. It affords users, specialist staff and the emergency services absolute security and ease of use, since it guarantees rapid use and efficiency. The Integral Evolution is simple to use for the simple reason that it contains the highest possible standard of technology.
And it conforms to all national and European standards, such as European Standard EN 54. In many areas it far exceeds the requirements of this standard. Our commitment to quality does not end, after all, with the demands contained in national standards or guidelines.

We are your partner for: • Fire alarm systems • Hospital communications • Communications in care homes and homes for the elderly • Security systems • Access control • Intrusion detection and video surveillance technology. As well as our range of technical solutions, we also offer a wide range of service, e.g. planning, installation and fitting, commissioning and system maintenance. Our range of services is rounded off by offering training for planners, constructors, technicians and users.

www.schrack-seconet.com

Schrack Seconet AG

Wien-Vienna
Eibesbrunnergasse 18
A-1122 Wien
Tel.: +43-1-81157-0
office@schrack-seconet.com

Zentralkundendienst
Customer Service
Tel.: +43-1-81103

Dornbirn
Wallenmahd 45
A-6850 Dornbirn
Tel.: +43-5572-51199-0

Polen-Poland
ul. Domaniewska 41
PL-02 672 Warschau
Tel.: +48-22-6060614

Graz
Neuseiersberger Straße 157
A-8055 Graz
Tel.: +43-316-407676-0

Rußland-Russia
Ul. Staroalexejevskaja 21
RU-129626 Moskau
Tel.: +7-495-510 50 15

Innsbruck
Valiergasse 56
A-6021 Innsbruck
Tel.: +43-512-365 366-0

Schweden-Sweden
Månskärsvägen 9
SE-141 75 Kungens Kurva
Tel.: +46-8-680 18 00

Klagenfurt
Feldkirchnerstrasse 138
A-9020 Klagenfurt
Tel.: +43-463-429362

Slowakei-Slovakia
P.O. Box 31, Odborárska ul. 52
SK-83003 Bratislava 33
Tel.: +421-2-44635595

Linz
Kornstrasse 16
A-4060 Leonding-Hart
Tel.: +43-732-677900-0

Tschech.-Czech Rep.
V Úzlabine 1490/70
CZ-100 00 Prag 10
Tel.: +420-2-74782284

Salzburg
Vogelweiderstr. 44a
A-5020 Salzburg
Tel.: +43-662-887122-0

Ungarn-Hungary
Fehérvári út 89-95
H-1119 Budapest
Tel.: +36-1-4644300

Securiton GmbH, Alarm- und Sicherheitssysteme

Von-Drais-Str. 33
D-77855 Achern
Tel.: +49-7841-62 23-0
info@securiton.de

Berlin
Rhinstrasse 137 a
D-10315 Berlin
Tel.: +49-30-757 979-0

Frankfurt
Weitzesweg 16
D-61118 Bad Vilbel
Tel.: +49-6101-4091-0

Hamburg
Aspelohe 27 A
D-22848 Norderstedt
Tel.: +49-40-534379-0

München-Munich
Wernher-von-Braun-Str. 10a
D-85640 Putzbrunn
Tel.: +49-89-4626168-0

Rhein/Ruhr
Schallbruch 34 a
D-42781 Haan
Tel.: +49-2129-3758-0

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Fire Alarm

SCHRACK SECONET

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