On behalf of the exhibition management and the jury of the security innovation award (SIA), I would like to thank you for your active participation in this prestigious competition. For the first time, more than 40% of the applications were submitted from foreign exhibitors. This clearly illustrates the international nature of the race for awards at the leading security trade fair.

The topic of security is becoming increasingly important, both nationally and internationally. Protecting our values, life and health, material assets, information and privacy requires ever greater efforts in all areas of society. This is one of the reasons why the drive for innovation and the use of advanced technologies, coupled with the question of the concrete benefits for people and their security, are central drivers in this industry.

Criteria such as innovation, user benefit, cost-effectiveness and risk reduction were of paramount importance for the work of our jury. And there were no easy decisions for the jury when it came to determining the award winners. With a critical eye and respect for each submission, we wrestled to ensure a fair assessment. I am certain that we will be honouring extremely worthy winners on the evening of the first day of the trade fair.

We hope that this year’s award winners gain full inspiration from the security innovation award and that the award represents a milestone on their way to further success.

The members of the SIA jury would like to wish exhibitors and trade fair visitors a successful trade fair with good conversations and interesting technical discussions.

The applications for the security innovation award impressively reflect the themes of our leading international exhibition: ingenuity, practicality, innovation and a deep understanding of the needs of the market are a common thread which run throughout the submissions. We are especially pleased, as these qualities also bear witness to the high regard which the award holds in the industry. On the one hand, the award is an acknowledgement of outstanding achievements and, on the other, an important marketing tool and quality attribute. Many winners showcase the award during the ongoing security essen to draw the attention of professional visitors to their prize-winning product, and also do so at a range of internal and external events. We would like to congratulate the winners and thank all the applicants for their submissions. We wish you all a successful and informative security essen 2018.
The security innovation award

For the sixth time, Messe Essen awarded the “Oscar of the security industry”, honouring extraordinary achievements in the categories Technology & Products, Services and Cyber Security/Economic Security. From a pool of 75 top-class submissions, the specialist jury, made up of prominent members from the security industry, shortlisted 13 companies for the final round which then presented their innovations live to the jury.

We would like to thank all the applicants and congratulate the winners!

The Jury

The members of our specialist jury come from various segments of the security industry. They have evaluated the competition submissions according to the criteria: innovation content, user benefits, economic efficiency, reliability and positive effects for people and society.

Our Members

Jens Washausen
Jury Chairman, Member of the Board of the Federal Association of Independent German Security Consultants and Engineers (BDiS), Managing Director GEOS Germany GmbH

Stefan Berger
Vice President of the executive board BHE Bundesverband Sicherheitstechnik e.V., Alarm- & Sicherheitstechnik Berger GmbH

Ulrich Bogdahn
Deputy Chairman Working Group of the Heads of Professional Fire Brigades in Germany (AGBF Bund), Director of the Professional Fire Brigade of the City of Essen

Klaus Brüggenolte
Vice-President of the Chamber of Architects of North Rhine-Westphalia

Florian Haacke
Member of the Board of the Security Association in North Rhine-Westphalia, Head of Group Security innogy SE

Marcus Heide
Publicist

Karl-Heinz Hollung
Board Member of VfS, Managing Director HSC Hollung Security Consult GmbH

Andreas Nenner
Fresenius SE & Co. KgA, Director Corporate Security

Prof. Dr. Hartmut Pohl
Speaker of the presidential working committee „Privacy and Security“ of the Gesellschaft für Informatik (GI – German Informatics Society), acting partner of the softScheck GmbH

Michael Ridder
Security Manager (Germany) HSSE, Uniper Global Commodities SE

Thomas Urban
Head of Security VdS Schadenverhütung GmbH

HfÖV
Students of the Risk and Safety Management course at the College of Public Administration (HfÖV) Bremen

On 20 August 2018, the longstanding and estimable Chairman of the Jury of the security innovation award, Hermann Feuerlein, died. The exhibition management and the jury commemorate his memory and achievements.
Today, due to 3D scanning and printing, even a kid can copy a high security key. The danger comes from collaborators or former employees who can now copy keys and surreptitiously enter your facility or house. No trace left behind, no crime evidence for insurance claims. Stealth Key, world’s 1st 3D metal printed key built from inside out and hiding the security codes. Game changing key copy protection.

With Jansen’s burglary protection sectional door WK5, buildings with particularly valuable inventories can be reliably protected. The innovative and certified door construction is characterised by a solid reinforced door leaf with additional security components. Burglary attempts by experienced perpetrators can be safely averted, pursuant to WK5 classification. The door is suitable for the protection of museums, vaults, hazardous substance depots, military and government headquarters.

Predator Radar is an automatic tracking High Definition PTZ camera, controlled by a 360 deg. 200m radius 1 rotation per second radar. It’s innovation – the ability to scan 125000 sq/m of terrain, identifying multiple simultaneous objects as small as 50 cm Mobile 4G & fuel/battery/solar power options mean that Predator Radar can also be deployed either permanently or temporarily without the need for existing perimeter infrastructure – a true geo-perimeter solution.

FSB’s electronic access control system unites high-quality design, easy handling and customised expandability. The L700 LightAccess Pro, a market innovation that turns the smartphone into a “networked key”, stands in this tradition. The web-based system controls the door signal without the need for an additional IT infrastructure.

The Senstar LM100 system combines proven detection technology for fences with highly efficiency LED technology for illumination. This unique combination already ensures enormous cost savings during installation. In ongoing operations, the intelligent control of individual sensor lights or zones reduces energy consumption and sustainably counteracts increasing light pollution.

The ÜLock self-locking panic lock series offers encrypted radio and BLE control and is currently unsurpassed worldwide in the area of wireless retrofitting with patented, inductive power transmission. Nearly any door can be converted and controlled. As a forward-looking feature, the security technology and electronics are completely integrated into the door leaf. The KleverKey app provides virtual key management.
Winners in the category:

**Services**

**Gold**
Company: KÖTTER Security
Product: KÖTTER Alarm Monitoring Centre
Booth: Hall 2, Booth 2D101

Setting security and digitisation standards was the aim of a several-million-euro investment in our high-tech monitoring centre. In addition to standards that needed to be fulfilled, we redundantly secured all technical systems and consistently digitised all processes, from alarm reception to processing, implementation of the operative intervention and ultimately, customer alerts.

**Silver**
Company: Amaryllo International B.V.
Product: Soteria - Smart Retailer Service
Booth: Hall 2, Booth 2D30

Soteria is the 2018 CES BEST Innovation Award winner. Unlike conventional wisdom, which requires expensive computer to perform video analytics, Soteria does not require any prior hardware investment to offer both AI security service and real-time customer analytics such as head counting, hot zone, gender/age recognition, etc.

Winners in the category:

**Cyber Security/Economic Security**

**Gold**
Company: innogy SE
Product: Cyber Security Maturity Cockpit (CSMC)
Booth: Hall B, Booth BB49

The Cyber Security Maturity Cockpit uses a unique methodology to measure the maturity level, efficiency and cost/benefit of cybersecurity measures on the basis of ISO 27001. In accordance with the specific target group, it outlines options for action, as well as priorities for risk minimisation and successes. The tool provides maximum transparency and enables decision-makers to optimally deploy personnel and financial resources.

**Finalists in the category:**

**Cyber Security/Economic Security**

Company: GroupKom GmbH
Product: EVALARM – Digital alarm and emergency management 4.0
Booth: Hall 7, Booth 7G79.2

EVALARM closes the gap between classic alarm/emergency management and the connection of technical installations, including central building control, fire detection, intrusion detection and alarm systems. Thus, EVALARM makes a significant contribution to the digital security concept 4.0. The overwhelming customer response from nearly every industry and public sector area highlights the flexibility and practicality of EVALARM as an emergency management system. This shows EVALARM’s unique position in the digital alarm and emergency management field.

**Special Award**

Company: ip.access
Product: Presence™ for Safe Cities
Booth: Hall B, Booth 8D54

Presence for Safe Cities is a unique, low-cost, micro-proximity mobile phone detection, optimised for use in border/perimeter protection scenarios. Based on presenceSensor, Presence for Safe Cities captures mobile subscriber information and location data around sensitive sites. This data can be combined with other data sources to provide meaningful, actionable data for government agencies – adding a deeper layer of intelligence to security operations.
Alphabetical order / booth number:

All Applicants

2N Telekomunikace 5H20
360 Vision Technology Ltd. 5E08
Advanced 6B59
AEG Identifikationssysteme GmbH 3B62
Amaryllio International B.V. 2D30
ASSA ABLOY Sicherheitstechnik GmbH 3D80
barox Kommunikation GmbH 5E50
Bird Home Automation GmbH 5G08
Bornemann Consulting GmbH (vorm. Bornemann EAFS GmbH) 1B28
cubos Internet GmbH 7G79.10
Dahua Technology Co., Ltd. 7C35
Data Design System GmbH 6G83
DATA Link s.r.o. 5A09
deister electronic GmbH 3C78
DESSMANN (CHINA) MACHINERY & ELECTRONIC CO., LTD. 2B62
DOM Sicherheitstechnik GmbH & Co. KG 3C132
Extron Electronics 7E71
FAAC GmbH 3D82
FLIR Systems 5D10
FORTEZA DEUTSCHLAND 7G37
FSB Franz Schneider Brakel GmbH & Co. KG 3G19
fuentis AG 8B39
GANTNER Electronic GmbH 3A30
Genetec 5G30
GEZE GmbH 3A78
GroupKom GmbH 7G79.2
Gunnebo Deutschland GmbH 3C131
Hanwha Techwin Europe Ltd. 7D25
Hartmann Spezialkarosserien GmbH 1C19
HGH Infrared Systems 3G22
HID Global GmbH 3C14
HTC parking & security 3A133
Hunt Electronic 7A22
Innogy SE 8B49
InnoSenT GmbH 7B27
ip.access 8D54
JABLOTRON ALARMS a.s. 6E87
Jansen Tore GmbH & Co. KG 6E74
Jul. Niederdrenk GmbH & Co. KG 2A11
Karl Gotschlich GmbH 3D146
KEDACOM 7D37
Kentix GmbH 7G20
kh-security GmbH & Co. KG 1D63
KÖTTER Security (Westdeutscher Wach- und Schutzdienst Fritz Kötter SE & Co. KG) 2D101
LINK GmbH 6C90
LUPUS-Electronics GmbH 6D59
MADA Marx Datentechnik GmbH 3F54
Magnetic Autocontrol GmbH 3D82
Master Lock Europe S.A.S. 2D50
METALSAFE s.r.o. 2C60
metaSEC e.K. 1A11
Mobeye B.V. 2E48
MOBOTIX AG 7B33
Montajes Electrónicos DORCAS, S.L. 3A100
Nedap Security Management 3F13
NIBBLE 6A19
Oberthur Cash Protection 1D37
ONE A A/S 7D30
ONG-IT GmbH 5D07
Research Electronics International 8D60
SECmarket GmbH 7G79.8
SeeTec GmbH 5E30
Senstar GmbH 5C09
SHANGHAI ANVIZ TECHNOLOGY CO., LTD 3G80
Simon Schneider & Olaf Herrigt GbR, Marktplatz Sicherheit 1C13
Smartloxx GmbH 3C80
Smart-Planet GmbH 7G79.7
Sud-Metall Beschläge GmbH 3F20
Terracom Informatics Ltd 1C33
UrbanAlps AG, Switzerland 3D09
UTC Fire & Security Deutschland GmbH 7D50
Vanderbilt 6D90
VDQ Business Solutions GmbH 1C15
Wizmart Technology Inc. 6B19
ZAPP-ZIMMERMANN GmbH 6D25