



SECURITY INNOVATION AWARD 2018

Documentation



Greeting



Jens Washausen

Jury Chairman, Member of the Board of the Federal Association of Independent German Security Consultants and Engineers (BdSI)

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.



Oliver P. Kuhrt

CEO of Messe Essen GmbH

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.

Content

Greeting	2-3
The security innovation award	4
The Jury	5
The Winners	6-9
The Applicants	10-11

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 (BdSI), Managing Director GEOS Germany GmbH

Florian Haacke

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

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

Marcus Heide

Publicist

Stefan Berger

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

Karl-Heinz Hollung

Board Member of VfS Managing Director HSC Hollung Security Consult GmbH

Michael Ridder

Security Manager (Germany) HSSE, Uniper Global Commodities SE

Andreas Nenner

Fresenius SE & Co. KgaA, Director Corporate Security

Thomas Urban

Head of Security VdS Schadenverhütung 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

Dr. Harald Olschok

Managing director and managing member of the board of BDSW Bundesverband der Sicherheitswirtschaft (Federal Association of Guard and Security Companies)

HfÖV

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

Klaus Brüggelolte

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

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.

Winners in the category:

Technology & Products

Gold

Company: **UrbanAlps AG, Switzerland**
Product: **Stealth Key: the world's 1st 3D metal printed key**
Booth: **Hall 3, Booth 3D09**

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.

Silver

Company: **Jansen Tore GmbH & Co. KG**
Product: **Burglary protection sectional door WK5**
Booth: **Hall 6, Booth 6E74**

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.

Bronze

Company: **360 Vision Technology Ltd**
Product: **Radar-controlled CCTV surveillance camera**
Booth: **Hall 5, Booth 5E08**

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 125000sq/m of terrain, identifying multiple simultaneous objects as small as 50cm. 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.

Finalists in the category:

Technology & Products

Company: **FSB Franz Schneider Brakel GmbH & Co. KG**
Product: **Electronic access control system L700**
Booth: **Hall 3, Booth 3G139**

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.

Company: **Gunnebo Deutschland GmbH**
Product: **KelNet@**
Booth: **Hall 3, Booth 3C131**

With the KelNet@ electronic high-security lock, newly created users can be deployed flexibly anywhere. The lock's functionality is centrally controlled by the management system encompassing all connected locks – certified, secure and highly convenient for the user. KelNet@ is the system for all organisations with flexible staff deployment and lean processes.

Company: **InnoSenT GmbH**
Product: **iSYS-5010 – Radar system for security surveillance**
Booth: **Hall 7, Booth 7B27**

The unique iSYS-5010 radar system from InnoSenT solves video surveillance challenges. It minimises false alarms and remains fully functional in adverse

weather and light conditions. It keeps track of all detections, allows individual control and supports monitoring with additional object data. The robust iSYS-5010 not only optimally complements cameras, but also is convincing as a stand-alone security system.

Company: **Senstar GmbH**
Product: **Senstar LM100**
Booth: **Hall 5, Booth 5C09**

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.

Company: **Süd-Metall Beschläge GmbH**
Product: **ÜLock inductive energy transmission and BLE control**
Booth: **Hall 3, Booth 3F20**

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 8, Booth 8B49**

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 8, 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**

Amaryllo 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 **3G139**

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**

Süd-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**

MESSE ESSEN GmbH
Postfach 10 01 65,
45001 Essen, Germany
Phone +49 (0) 201.72 44-0
security@messe-essen.de
www.security-essen.de