

Press

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Intersec Forum
Conference for Connected Security Technology
Frankfurt am Main, 19 to 23 March 2018

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Connected security in buildings: 80 thought leaders show the way between feasibility and data security at Intersec Forum

Visions become reality: some 80 experts from the fields of building security, information technology and security technology will discuss the opportunities and challenges of inter-connected security technology at the 3rd Intersec Forum in Frankfurt am Main – and, for the first time, also consider specific solutions for secure connectivity in tomorrow's buildings. The five-day conference begins on Monday, 19 March 2018, and is being held in Hall 9.1 within the framework of Light + Building, the world's leading trade fair for lighting and building services technology. The speakers come from Germany, France, United Kingdom, Bosnia-Herzegovina, Israel and the USA.

VIPs to open Intersec Forum

Opening the event on Monday (19 March, 10.00 hrs), the President of the German Federal Office for Information Security (*Bundesamt für Sicherheit in der Informationstechnik – BSI*), Arne Schönbohm, will discuss the chances and challenges of modern security technology with prominent representatives of the sector including Dr Roland Busch, CTO and Member of the Board of Management of Siemens AG, Michael Ziesemer, President of the German Electrical and Electronic Manufacturers' Association (*Zentralverband Elektrotechnik- und Elektronikindustrie e.V. – ZVEI*), Johannes Hauck, Director Corporate Business Environment, Hager, and Dr Klaus Mittelbach, Chairman of the ZVEI Board of Management.

Cyber experts and surveillance specialists on connectivity

Subsequently, the afternoon programme will focus on IT and cyber security, as well as video surveillance and access control: Michael Boos, Departmental Head at BSI, Philipp Rothmann, Senior Manager at dhpg IT-Services, and Dr Nicolas Krämer, Chief Executive, Lukaskrankenhaus hospital, Neuss, will show how to effectively counteract the risks for interconnected security technology in buildings from IT / cyber criminals. Jochen Sauer, Business Development Manager, Axis Communications, Markus Wierny, Chairman of the Technical Services Committee of ONVIF, the open-industry standard for network surveillance products, Frank Horst, Head of the Security and Inventory Differences Department of EHI Retail Institute, and Michael Dormann, Technical Executive at the

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Hesse Office of Criminal Investigation (*Hessisches Landeskriminalamt*), will discuss the efficiency and connectivity of different standards in the field of video surveillance and access control.

Challenges for contractors, planners, plant engineers and lawyers

On Tuesday morning, the focus shifts to emergency lighting and voice alarms in connection with fire-alarm technology: first-up are Stephan Kreuzer, CEO, Atral-Secal, Ulrich Höfer, Head of Dynamic Lighting Systems, Inotec, Heiko Schwichtenberg, Fire Alarm Systems Product Manager, Bosch Sicherheitssysteme, Esther Hild and Uwe Spatzier, both ZVEI.

They are followed by Joost Demarest, CTO, KNX Association, Dr Hilko Hoffmann, Head of the Graphic Group of Intelligent Simulated Reality of the German Research Centre for Artificial Intelligence (*Deutsches Forschungszentrum für Künstliche Intelligenz – DFKI*), Jan Meiswinkel, CEO, Advancis Software, and Markus Groben, CEO, Groben Ingenieure, who will discuss the status of current standards for bus systems in digital building and their interoperability.

In the planners and contractors sector dialogue, experts will show the way to 'secure' investments, from the planning stage, via tendering, to realisation: Günther Mertz, Managing Director, German Association of the Building Services and Technical Installation Industry (*Bundesverband Technische Gebäudeausstattung e.V. – BTGA*), Ralph Ammelung, planner for electrical information and security technology at K. Dörflinger Gesellschaft für Elektroplanung, Kai Hardt, Sales Manager, NTA Systemhaus, Michael Wolff, branch manager at building-services equipment supplier GA-tech, and Tobias Dittmar, CEO, BTGA, will look at the challenges to be met at the interface of security technology and building-services equipment from the point of view of planners, contractors, plant engineers and lawyers.

New solutions for security technology in and beyond the cloud

The third day of the conference opens with the spotlight on security applications for building automation on the basis of the wide-spread KNX standards for fieldbus technology. Thus, Peter Borowski, Chairman of the German Smart Home Initiative, Detective Chief Superintendent Klaus Kisters of North Rhine-Westphalia Criminal Investigation Department, André Hänel, KNX System and Tool Manager, and Christian Stahn, KNX Marketing, will look at the chances and risks for installations and systems in existing and new buildings and the internet of things (IoT). After the lunch break, Markus Groben, Franz Madl, pbb Planung und Projektsteuerung, Mathias Huth, Robert Bosch and Thomas Kirmayr Fraunhofer Institute for Building Physics (IBP) will talk about the possibilities and need for integrating BIM software (Building Information Modelling) in increasingly complex building-technology networks in the planning and construction phases.

New solutions for smart-building networks are the theme of speakers in the Start-ups and Young Enterprises cluster. Thus, Marcellus Schmidt, CEO of SDT Solutions will discuss a new process linking authentication and encryption, which permits secure remote control of digital infrastructures. Christian Ostrochowski, Product Manager, frogblue, will

present a system that communicates via the BLE protocol (Bluetooth Low Energy), a version of the Bluetooth communication standard optimised for use in buildings. In distinction to many other systems on the market, this permits smartphone control without the need for the building-automation systems to be connected to the internet. In combination with encrypted data transfer, this is a persuasive argument for customers sensitive to the demands of data protection and data security. Other subjects include the digitalisation of key management in a lecture by Karsten Nölling, CEO, KIWI.KI, and opportunities for using an interoperable IoT platform for buildings and agile development processes, by Mathias Runge of IoT connctd.

Protected buildings and infrastructure in the IoT age

Thursday (22 March) begins with a look from the perspective of the building operator and developer at **burglary protection and building operation**. British publisher Peter Mawson (Hand Media) and Matthias Wolff of Lupus Electronics will take a holistic look at technical convergence before Dietmar Duerr, Business Development Manager Building Technology, Dehn + Söhne, Guido Frohn, Telefonbau Arthur Schwabe, and Udo Weinand, Fraunhofer Institute for Technological Trend Analysis (INT) discuss alarm and surveillance innovations. Data security and the role of the internet of things in the future is the theme to be tackled by Yariv Fishman of Israel's IoT expert Check Point Software Technologies, Ingo Schönberg, CEO PPC Power Plus Communication, Dr Andreas Wetzel, Sauter Cumulus, Klaus Wächter, Standardisation Manager, Siemens, and Steffen Zimmermann, VDMA Informatics Department.

Emergency planning for buildings and infrastructures against the background of changing security requirements and landscapes is the subject to be debated by Sean A. Ahrens, Leader Security Market Group with US management consultants, Affiliated Engineers Inc., Marko Laco, CEO of security company yIT Odjel from Bosnia-Herzegovina, Tobias Töpfer, CEO of building pro electrical planning company, and Lutz Diwell, Chairman of the Board of 'Zukunftforum Öffentliche Sicherheit' (tomorrow's public security forum). Michael Hallstein, Head of the Police Operations Department, Frankfurt am Main Police, and Holger Hübner of ICS Festival Service, will discuss which technological mega-trends are set to define security in public areas.

The future of digital locking and access control systems

The fifth day (23 March) revolves around the subject of smart access, the future of which will be examined by luminaries from the field of applied research and innovation pioneers. Under the chairmanship of Professor Kai-Dietrich Wolf, the Institute for Security Systems – ISS – of the University of Wuppertal, they will discuss innovations for digital and IoT applications for electronic access control and modern locking systems with respect to cybersecurity and privacy. The speakers include Ho Chang, CEO of Nuremberg-based software specialists for biometric face recognition, BioID, Dr Christian Zenger, CEO of Physec, a supplier of cryptography-based security products, Tibor Jager, Professor of Computer Science, IT Security Faculty of the Universität Paderborn, Antoine Huber, Director IoT for Building – Mobile Services & IoT with

international digital security supplier Gemalto France, Karsten Nölling, Chairman of the Board of Management of digital locking system developer KIWI.KI GmbH, Olivier Briand, Business Development Director of NXP Semiconductors France, and Jürgen Schneider, executive with Dutch access control and electrical-engineering company nedap.

The lectures will be translated simultaneously into German or English. On the evening of the third day of the conference, Wednesday, 21 March, the organisers, Messe Frankfurt and Cooperation Partner ZVEI, invite all participants for a get-together in the conference area, (Hall 9.1, Stand E90).

Meet the Makers: Innovations and manufacturers at their exhibition stands

Many of the solutions discussed at Intersec Forum can also be found in the immediate vicinity of the conference area in Hall 9.1, at the exhibition stands of the exhibitors: ABUS (Hall 9.1 Stand A50) produces innovative solutions for home, physical and mobile security. In Hall 11.1 (Stand B32 / C07), network video experts Axis offer intelligent security solutions. Bosch Software Innovations (Hall 9.1, Stand C60) presents software and services for the internet of things, from the strategy to implementation. Frogblue AG (Hall 9.1, Stand D70) shows a new smart-home system controlled by smartphone app without internet or cloud connection, which is interesting from a security standpoint. Hekatron (Hall 11.1, Stand B51) has a range of products for plant fire protection and unlimited remote access to fire-alarm systems. Honeywell Building Technologies (Hall 9.1, Stand B50) spotlights professional solutions for fire-alarm systems, voice alarms and emergency lighting systems. Siemens (Hall 9.1, Stand D66 / A40) is showing intelligent building-service technologies for energy efficient, secure and protected buildings and infrastructure. Telenot presents electronic security technology and alarm systems in Hall 9.1, Stand C41.

Intersec Forum and Light + Building

Intersec Forum is held annually under the motto 'Security meets Smart Building: digitalisation and security in tomorrow's buildings' and concurrently with the leading international trade fairs, Light + Building and ISH. In March 2018, Intersec Forum is being held in Hall 9.1 of Light + Building, the world's leading trade fair for lighting and building services technology. With the new 'Secure – Connected Security in Buildings' special show, Intersec Forum and around 150 suppliers from the building automation and safety and security technology segments, Hall 9.1 is the focal point for integrated building-services technology. Additionally, leading security technology and home and building automation manufacturers are exhibiting their innovations in other halls of the Exhibition Centre. Further information about Light + Building from 18 to 23 March 2018 can be found at www.light-building.com

Participation in the conference is included in the price of the Light + Building admission ticket. Further information about Intersec Forum in Hall 9.1 from 19 to 23 March 2018 can be found on the internet at www.intersec-forum.com and www.intersec-forum.com/twitter. **Photographs can be found at www.intersec-forum.com/photos.**

Intersec Forum
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Safety, Security & Fire

In the expanding international field of civil security, Messe Frankfurt belongs to the leading fair and congress organisers with nine events around the world. The events for the safety, security and fire sector are held in Europe, Asia, the Near and Middle East and South America, and offer optimum access to these dynamic growth markets.

Further information at www.safety-security.messefrankfurt.com

Background information on the Institute for Security Systems (ISS)

The Institute for Security Systems (ISS) is an interdisciplinary research institute of the University of Wuppertal and based in Velbert. Its work revolves around fundamental technical and social issues relating to the protection of people and the infrastructure whereby the focus of the interdisciplinary research is on the evaluation of innovative security systems in terms of safety, security, reliability and efficiency.

Further information: www.sicherungssysteme.net

Background information on the ZVEI

The German Electrical and Electronic Manufacturers' Association (*Zentralverband Elektrotechnik- und Elektronikindustrie e.V. – ZVEI*) represents the interests of 1,600 companies of the electrical industry and associated service companies in Germany. The impulses for one in three innovations in the German processing industry originate in the electrical industry. The sector employs 853,000 people in Germany and more than 706,000 abroad. Further information: www.zvei.org

Background information on Messe Frankfurt

Messe Frankfurt is the world's largest trade fair, congress and event organiser with its own exhibition grounds. With over 2,500 employees at some 30 locations, the company generates annual sales of around €661* million. Thanks to its far-reaching ties with the relevant sectors and to its international sales network, the Group looks after the business interests of its customers effectively. A comprehensive range of services – both onsite and online – ensures that customers worldwide enjoy consistently high quality and flexibility when planning, organising and running their events. The wide range of services includes renting exhibition grounds, trade fair construction and marketing, personnel and food services.

With its headquarters in Frankfurt am Main, the company is owned by the City of Frankfurt (60 percent) and the State of Hesse (40 percent). * preliminary figures for 2017

For more information, please visit our website at:

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