



Press release

Offenbach am Main, 03/09/2019

PMRExpo 2019 on 26-28 November 2019: Programme preview

The programme of the 19th PMRExpo, taking place on 26-28 November 2019 at Koelnmesse, the Cologne trade fair grounds, has been finalised. Outstanding speakers will present hot topics and trends at the Secure Communications Summit and the Energy Industry Symposium at the leading international trade fair for secure communication. In addition to the usual presentations, for the first time we are offering interactive roundtables and discussion sessions with more than 30 experts on the four key topics of the PMRExpo 2019: Security in critical infrastructures, broadband solutions, the Internet of Life Saving Things and cloud solutions. Beyond these four key issues, the Secure Communications Summit | Focus: Command and Control Centres and the Energy Industry Symposium will again focus on command and control centres and on secure communication in the energy industry.

Security in critical infrastructures and broadband solutions

As regards the principal theme of security in critical infrastructures, visitors can look forward to stimulating presentations on the topics of Smart PMR, Blackout in Berlin, the challenges of cybercrime and a report on the status quo in from the PMeV unit on cybersecurity. These presentations will be followed by a panel discussion with the speakers. Moderators and participants will have the opportunity to discuss their current experiences and insights on broadband solutions at interactive roundtables. Discussions rounds will be offered in both German and English.

The discussion rounds address the topics of Mission Critical PTT: Methods and Concepts, Broadband Communication - Applications and Solutions as well as Regulation and Frequencies.

The Internet of Life Saving Things and Cloud Solutions

Two presentations in English (with simultaneous interpretation) set the scene for the key theme of the Internet of Life Saving Things: IoT and AI: Trends and Challenges in Public Safety and Smart Public Transport. The third presentation addresses the issue of alerting pagers via alternative transmission media. An interactive panel discussion will explore the key issue of cloud solutions.

The audience can address their questions to the speakers during the ongoing discussion using the Slido survey tool. The discussion includes 'field reports' on cloud applications.

Secure Communications Summit | Focus: Command and Control Centres

The issue of command and control centres is a classic topic of the PMRExpo programme. The Control and Command Centres event, will this year take place under the banner of 'Secure Communications Summit | Focus on Command and Control Centres.' Equally diverse is the range of issues discussed: from challenges relating to command and control centres (such as technical developments, personnel recruitment and cost development), holistic deployment management, integrated steering of drones via command and control centres and the operation of command and control centres in a cloud to the relevance of the new data protection law for BOS control centres and common challenges for command and situation centres. The day's programme is rounded out by two reports from the joint work of PMeV, users and manufacturers on the current perspectives and results from the expert forum on universal command control interfaces (EFUL) as well as current findings and results of the expert forum on the networking of information to represent the state of the nation.

Energy Industry Symposium

The Energy Industry Symposium is another full-day event and looks at security-critical communication from the industry's perspective. The focus is on the preparation of a blackout and efficient response in crisis management, the eminent importance of telecommunications for the critical infrastructure of an energy utility, use cases of secure communication in the energy industry (including the 450 Mhz solution) and convergent radio solutions for more efficient communications at energy utilities.

Under the heading of the 'National 5g Energy Hub', participants at the Symposium can learn more about digitalisation in energy technology, central and decentralised solutions as well as specific solutions, such as a the regional virtual power plant, protection concepts for the electric low-voltage network and the monitoring of energy management systems for buildings. Speakers will also explain how energy utilities can use mission critical LTE and which frequency ranges are available for private radio networks, now and in the future. And last but not least: representatives of companies and utilities in the energy sector will discuss the LPWAN technology (Low Power Wide Area Network - in German: Niedrigenergieweitverkehrsnetzwerk).

Expert forums in the exhibition hall

On 26 and 27 November, a number of expert forums will again take place as open, freely accessible events at a central location at the heart of the exhibition. Knowledge will be presented and discussed in a short, compact format in the following forums: the BOS forum, Mission Critical Forum, Indoor Radio Systems Forum, Specialist Trade Forum and the DMR forum.

Recent years have seen the PMRExpo become Europe's leading fair for secure communications, which can boast of impressive growth over this period. More than 4,300 visitors from across the globe are expected at PMRExpo 2019.

Overview of events schedule (tickets can be booked separately or as a package):

26-28 November 2019 Show

26-28 November 2019 Summit: Secure Communications (Focus: Command and Control Centres)

27 November 2019 Symposium: Energy Industry

Current information and details on <https://www.pmrexpo.com>

***PMRExpo**, the leading European specialist trade fair for the Secure Communications Network, is taking place for the 19th time. Since 2009, it has taken place at the Koelnmesse, the trade fair location in Cologne. A substantial number of national and international exhibitors are represented, including manufacturers, users and operators of professional mobile radio systems. PMeV - Netzwerk Sichere Kommunikation is the conceptual sponsor of PMRExpo. The event is hosted by EW Medien und Kongresse GmbH.*

<https://www.pmrexpo.com>

***PMeV** is an association of experts for communications solutions in mobile professional mobile radio systems. Their members comprise manufacturers, system and application houses, as well as network operators and users. The aim of PMeV is to develop the PMR market in Germany. It showcases the significance of PMR solutions for businesses and the economy and influences the political and regulatory conditions for the use of professional mobile radio systems. As a leading key expert for PMR in Germany, the association offers a dedicated forum for a neutral, manufacturer-independent dialogue at eye-level with market partners, politics as well as with the authorities and institutions. In addition, PMeV offers manufacturers, users and decision makers a neutral dialogue platform to evaluate technologies and discuss the opportunities and risks of technical solutions and concepts. PMeV promotes standards and actively contributes to their further development to meet the demands of the German market.*

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***EW Medien und Kongresse GmbH** is a leading information supplier for the energy and water sector in Germany and provides current sector knowledge across all media from a single source. In line with our motto of 'Knowledge is our Energy', EW strives every day to compile and present the most important information relating to this sector. In so doing, our focus is on quality, currency and practical usefulness. Thanks to its closeness to the Federal Association for the Energy and Water Industry (BDEW), EW can respond quickly to current political and legal developments. EW also organises events on PMR issues, e.g. the PMR Info Day for utilities, a specialist conference on emergency services, events related to emergency and crisis management and, since 2013, the PMRExpo.*

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