



28 November 2018 | Koelnmesse

# Secure Communication for the Energy Industry

Suitability of Commercial Networks for Mission-Critical  
Broad Band Services and the Potential Hybrid Solutions

Professional Radio Networks – Communication Services  
for Energy Suppliers: Experiences of Grid Operators

Guarantee of Mobile and Broad Band Communication Ability  
in a Blackout



An event as part of the PMRExpo:

**PMRExpo 2018**  
**27 to 29 November** | Koelnmesse  
[www.pmrexpo.de/fachtagung](http://www.pmrexpo.de/fachtagung)

In Cooperation with:  **PMeV**  
NETWORK FOR SECURE  
COMMUNICATIONS



# What you can expect

## The Symposium

Secure Mobile Communication has a prominent meaning for energy suppliers as part of the critical infrastructure for restoring the electricity supply in a blackout. Amid an increasingly decentralized electricity supply through wind and solar plants, mobile communication networks will have to be used more in the future. With 5G, a new mobile radio generation is set to go, that raises questions and concerns with user – also in connection with a possible future use of already tested technology such as TETRA, DMR, or CDMA (i.e. Are these systems still up-to-date? How, to which extend, and under which circumstances can public mobile networks be used?). The symposium aims to give thought-provoking impulses and possible answers.



## Target Audience

The event is targeted for employees and decision makers responsible of the following departments:

- On-call services and reporting offices
- IT and communication
- Grid operation and grid security
- Grid service and grid maintenance of grid companies and energy suppliers
- Municipal utilities and energy suppliers
- Manufacturers of professional communication networks and corresponding components

## Registration

Secure Communication for the Energy Industry for Government Agencies: Entrance to the trade fair and Secure Communications Summit incl. Focus Command and Control Centres. No sale on site.

Secure Communication for the Energy Industry for Industry Representatives, Other: Entrance to the trade fair and Secure Communication Summit incl. Focus Command and Control Centres. No sale on site.

Find more information at [www.pmrexpo.de/en](http://www.pmrexpo.de/en).  
Find us on social media!



## Your Ticket

From Tuesday to Thursday, use the all-inclusive offers your ticket supplies! Take your chance and visit the new, 3-day conference Secure Communications Summit alongside the symposium Secure Communication for the Energy Industry. The trade fair is also growing, and with approximately 4,800 sqm, it offers even more space for exchanging with decision makers and experts in this industry. Compliment your attendance by visiting the professional forums in the exhibition, where the right topic for everyone can be found.

### Get information on site on the following topics:

- The Future of Security Critical Communication
- Private LTE
- Smart City: Between Logistics and Emergency and the Role of Secure Communication
- Critical Infrastructures as a Target – Reflection of the IT Security Status
- Mission Critical IoT over the PMR Networks
- ... and much more

**Hint: Visit our Energy Industry Forum in the exhibition as well!**

Tuesday, 28 November 2018  
15:30 to 17:30 | Booth E40

## Visitor Service

### Venue

**PMRExpo / Conference Level Koelnmesse**  
Eingang Ost / Congress-Centrum Ost  
Deutz-Mülheimer Straße 35, 50679 Köln

### Opening Hours

**Symposium, 29 November | 9:00 to 17:00**

### Tickets

Order your tickets online at [www.pmrexpo.de/tickets](http://www.pmrexpo.de/tickets) or with the order form on the back of this flyer.

### Contact



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# Programme | Wednesday, 29 November 2018

09:00

## Check-in and Welcome Coffee

09:30

## Welcome and Introduction by the Moderator

Dr. Jan Steuer, CEO, DOK SYSTEME GmbH

09:45

## Reliable communication channels for the Energy Industry

Edgar Schmidt, Deputy Chairman, Federal Association Professional Mobile Radio (PMeV), Chairman Department Technology, CEO, BESCom Elektronik GmbH

10:15

## CDMA 450 at Westfalen Weser Netz GmbH: application areas and performance characteristics

Uwe Granzow, Department Head Information & Communication Technology, Westfalen Weser Netz GmbH

11:00

## DMR-networks for energy suppliers

Dr. Norbert Langermann,  
Sales Director, RADIODATA GmbH

11:45

## Q & A, followed by Lunch Break

12:30

## KRITIS: security analysis and security concept according to BSI basic protection

Stephan Plaspohl, Senior Consultant,  
DOK SYSTEME GmbH

13:15

## Suitability of commercial networks for mission-critical broadband services, results of a study / The Potential of hybrid solutions

Bernhard Klinger, Deputy Chairman of the Board, Federal Association for Professional Mobile Radio (PMeV), and Vice President Business Development, Hytera Mobilfunk GmbH

14:00

## Professional radio networks – communication services for energy suppliers: Experiences of a grid operator

Dr. Dietmar Gollnick, CEO, e\*Message Wireless Information Services Deutschland GmbH

14:45

## Q & A, followed by Coffee Break

15:15

## Assurance of mobile and broadband communication ability of emergency services during large-scale emergency situations and during blackouts

Martin Gassner, Geschäftsführer, VITES GmbH

16:00

## NB-IoT – Opportunities and limits

Speaker to follow

16:45

## Summary by the Moderator

Dr. Jan Steuer, CEO, DOK SYSTEME GmbH

17:00

## End of Symposium

The complete PMRExpo conference programme can be found at  
[www.pmrexpo.de/programm](http://www.pmrexpo.de/programm)

## Secure Communication for the Energy Industry

Wednesday, 28 November 2018 | 9:00 to 17:00

Conference Level / Congress-Centrum Ost  
Koelnmesse / Eingang Ost



## Register now for the symposium!

Fax your registration to: +49 (0) 69 710 46 87-9552 or  
send via email to: [anmeldung@dew-online.de](mailto:anmeldung@dew-online.de)

Kenn-Nr.: WEB

Choose your ticket! (No sale on-site)	Amount	Price
<b>Secure Communication for the Energy Industry for Government Agencies</b> Incl. Trade Fair, Secure Communication Summit. No sale on site.	<input type="text"/>	670 €
<b>Secure Communication for the Energy Industry for Industry Representatives, Other</b> Incl. Trade Fair, Secure Communication Summit. No sale on site.	<input type="text"/>	990 €

Special conditions apply for students. Please send enquiries to: [anmeldung@dew-online.de](mailto:anmeldung@dew-online.de), Phone. +49 (0) 69 710 46 87-552. All prices incl. VAT.

### Attendee (Please print in capital letters)

(Please fill one form per fax registration)

..... First Name(s)	..... Surname
..... Title	..... Position / Department
..... Company	..... Order Number
..... Street	..... ZIP Code / City / Country
..... Phone / Fax	..... Email
..... Date	..... Signature / Stamp

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..... Street	
..... ZIP Code / City / Country	
..... Date	..... Signature / Stamp

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