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## **PMeV offers dialog on future-proof 5G campus networks to trade and industry associations**

The German Association and Network for Critical Communications (PMeV) – Netzwerk sichere Kommunikation provides interested trade and industry associations with information and opportunities for dialog on 5G campus networks. "The future of digitization of the German economy can only be shaped in a joint dialog between users and suppliers. 5G campus networks represent an essential component for shaping the digital future of industrial companies. In this dialog with user industries, we will be pleased to contribute the competence and expertise of the planning companies, application developers, system integrators, manufacturers, infrastructure providers, consultants and service providers of mission- and business-critical mobile radio solutions who have all been members of the PMeV network for 20 years. With these specialists, we are ready to jointly promote innovative developments", explained Dr. Frederik Giessing, Head of the PMeV 'Broadband Communications for Critical Infrastructures and Industrial Companies' Working Group. With its expertise in the field of professional communication solutions, the PMeV stands for a reliable and future-proof support for the introduction and operation of a campus network.

### **5G campus network: efficient, flexible and future-proof**

A 5G campus network is a geographically limited, local mobile radio network for broadband transmission which is being adapted to special requirements such as industrial communication. The 5G campus network may cover both own buildings and associated exterior surfaces, but not any neighboring property, with radio signals. It shall be used exclusively for company-internal purposes. The applications used in such a network depend on the individual requirements imposed by the company regarding factors, such as flexibility, efficiency, reliability, security and response times (latency). Furthermore, it is also possible to expand the network performance features whenever this should be necessary due to new individual company requirements. An own 5G campus network is absolutely future-proof. "Data communication is becoming increasingly complex. The intervals between new requirements imposed on communication solutions – also regarding cyber security – become ever shorter. The standardized and broadband 5G technology can manage it all", said Giessing.

### **Network tailored to individual needs**

The advantages of the high flexibility of campus networks also become evident with regard to their operating model: The campus owner can in principle be his own network operator. Planning, provisioning and operation are practically performed under his own autonomy. However, the knowhow required for the deployment and operation of an own 5G campus network does not necessarily have to be embedded in the company. Planning, provisioning and operation can of course be subcontracted to external service providers. Thus, the company will get a tailor-made network optimized to meet its individual requirements. Should any new demands imposed by the company require an expansion of the network performance features, this can also be provided.

### **Increase in competitiveness and corporate value**

"Campus networks offer companies of very different fields and sizes enormous potentials and opportunities. They accelerate company-internal processes and make them more flexible. This leads to an increase in the companies' competitiveness and their corporate value. Small and medium-sized enterprises can profit from the benefits of 5G technology just like large-scale companies", said Bernhard Klinger, Chairman of the PMeV Board of Management, and justified the initiative of his Association as center of competence for professional communication solutions to supply potential customers with detailed information on campus networks.

**About PMeV – NETZWERK SICHERE KOMMUNIKATION**

*The PMeV is a network of experts for mission- and safety-critical communication solutions in mobile professional applications. Its members include manufacturers, system providers and application houses, network operators, users, consultants as well as further specialists and experts. The aim of PMeV is to further expand and develop the PMR market in Germany. The Association demonstrates the importance of PMR solutions for business and national economies and influences the political and regulatory parameters and framework for the use of professional mobile radio solutions. In its role as leading center of competence for PMR in Germany, PMeV offers a forum for a neutral, manufacturer-independent and collaborative dialog with market partners, politicians as well as public authorities and institutions. In addition, PMeV offers manufacturers, users and consumers a neutral dialog platform for the assessment of technologies and the discussion of chances and risks of technical solutions and concepts. The PMeV Association promotes standards and is actively involved in their further development in line with the requirements of the German market.*

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