

OELMANN ELEKTRONIK

PMR / TRUNKED RADIO / DIGITAL DISPATCH AND PAGING SYSTEMS AND COMPONENTS / INFORMATION DISPLAYS



PMRExp0 2017

Oelmann Elektronik GmbH

is a German company specialized in the manufacture, supplies and maintenance of systems and equipment of professional mobile communication, including turn-key and a custom-made solutions, worldwide.

Radio systems and equipment

- Base stations and switches DMR / TETRA / MPT1327
- Network management servers and maintenance workstations
- Dispatcher centres
- Desktop consoles
- Subscriber terminals and pagers, ATEX available

Digital paging and dispatching systems and components

- The client-server modular structure
- Multi-protocol
- SIRIUS® devices compatible
- ATEX compliant pagers
- Highly customizable

Information displays

- POCSAG/TETRA/DMR/WLAN and/or IP-LAN connection
- Line or matrix
- Mono or multicolor
- Indoor and outdoor



Products

- Digital paging systems and portable devices
- Digital and analogue PMR / trunked radio systems and equipment
- Emergency call and remote control consoles
- Wireless LED information displays
- German BOS radio alarm systems and components

Services

- Design, supply, installation, commissioning and maintenance of the analog and digital mobile communication systems, terminals and pagers
- Upgrade existing communication systems up to the current level of technology, including the special requirements and a smooth transition with no interruption of services
- Supply and support of microwave and fiber optic equipment
- Training partners, customers and end-users
- Supply of equipment for mobile communication units:
 - high quality mobile telescopic masts;
 - compact and extremely quiet power generators;
 - mobile PMR / trunking base stations and antennas;
 - mobile servers / workstations with the custom specific control panel for alarm messages and automatic tracking of the various parameters.



Company information

- Founded: 1974
- Headquartered in: Germany
- Headquarter office: 450m²
- Production / labs: 1200m²
- Number of employees: 35
- Activity: worldwide

Customers

- Governmental / public services
- Transport and utilities
- Safety and personal security
- Hospitals and healthcare
- Industrial customers
- Oil & gas

Dieses Projekt wird mit Mitteln des Europäischen Fonds für regionale Entwicklung gefördert.



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DIN EN ISO 9001:2008
ZELM 12 ATEX 0499 X
TCCA Member
TÜV NORD Certified
GOST – R, Minsvyazi RF



Special services and activities

- Research and technological development in the field of IP, TETRA, DMR, MPT1327, POCSAG, GSM/LTE, BT, WLAN, RFID
- Specialized hardware and software solutions, firmware and DSP programming
- Development of embedded systems and apps
- Development of assemblies in high frequency and digital environment
- Custom and serial devices, samples and/or small series with installation, operation tests and maintenance
- Conventional and SMT–assembly by selected partners, circuit boards in–house testing
- Circuit board layout extraction for electronic assemblies for HF devices considering EMC aspects



We develop, manufacture equipment and provide services in the field of communication technology and electronic assemblies

We supply of communication systems and equipment as own manufacturing as well as equipment from trusted and leading manufacturers, according to customer requirements

All types and kinds of work on the planning and configuration of professional mobile radio communication systems, delivery and installation of equipment, training and technical support

Over 40 years experience with the interesting, large and complex communication projects in industry

We are working to be a reliable partner for communications and safety solutions, in complete system and individual development, including the upgrade of existing systems and equipment up to modern requirements

We are certified according to quality management directive DIN EN ISO 9001:2008