REICHERT
KOMMUNIKATIONSTECHNIK



NEW

MISSION CRITICAL SERVICES EN

Mission-critical talk. Over your broadband network.

MCX server, app and connection to your dispatcher workstation – every building block from REICHERT.

AT A GLANCE

Three building blocks. From one source.

MCX stands for Mission Critical Services according to the 3GPP mobile standard. It brings the way mission-critical radio works to LTE, 5G and Wi-Fi: talking in groups, floor control and emergency calls, plus data, maps and the smartphone as a device.

REICHERT MCX Server
Mission-critical group calls over broadband, run in-house

UniMCX
The MCX app for smartphones, tablets and rugged handhelds

Connection to your ZBE
Every MCX group appears at the workstation as a radio line next to analogue radio and TETRA. Operation stays the same.

RADIO BRIDGE

Your radios talk to MCX.

Our own radio bridge connects the radios on your BOS-Compact with the MCX groups – for every radio line of the system, whether TETRA, DMR or analogue. When someone presses the PTT key on a handheld radio, everyone in the MCX group hears them, and vice versa.

- For every radio line of the system: TETRA, DMR, analogue
- Talker with ID and name in UniMCX as well
- Connects your radio network with the MCX network
- Encrypted via digiRap, reconnects by itself after an outage

UNIMCX · APP

One app.
For everyone without a radio.

UniMCX turns smartphones, tablets and rugged handhelds into MCX participants, on Android and iOS. The app interface is in German.

- Talk key on screen, on the device or via Bluetooth
- Emergency call with location to the control room
- Compact view for small displays
- Short messages with delivery indication

You need access to an MCX server to use the app. UniMCX does not replace an emergency number (112) and is not designed for use without sufficient mobile or Wi-Fi coverage. Images show fictional demo data.

WORKING TOGETHER

UniMCX
App on smartphone, tablet and handheld

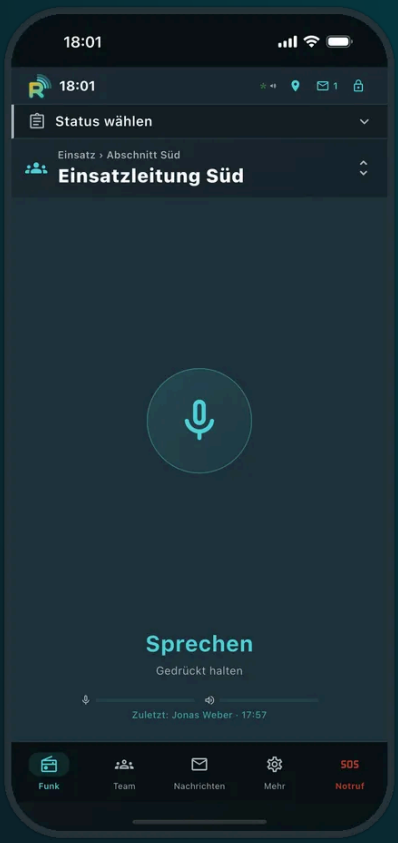
LTE · 5G · WLAN

MCX server
Run in-house, managed in the browser

LAN or router

REICHERT ZBE
On the BOS-Compact, with AfVis, EMMA, TETRA and analogue radio

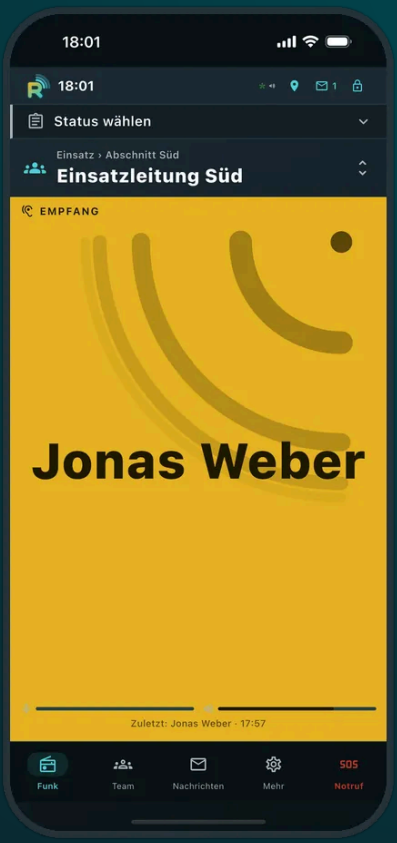
MCX · MISSION CRITICAL SERVICES



MCX SERVER

Your MCX system. In your own building.

- **Emergency calls:** Ahead of running group calls
- **On-premise:** In-house, no cloud requirement
- **Browser administration:** Groups, participants, permissions



SUPPORTED DEVICES

Smartphones

Android 9 or later and iPhone: responders without a radio become part of the group.

Tablets

Android tablets and iPad, with more room for maps and messages.

Rugged handhelds

Android handhelds with PTT key and earpiece speaker, with a compact layout for small displays.

CONTACT

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English edition

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