

# Qnode 5

## The high-end receiver generation has arrived.

Data control centre: latest standard

### Q node 5 and Q AMR - your turbo solution from QUNDIS

Numerous new features make our new generation of network nodes – Q node 5 – stand out. The Q node 5 has a transmission performance which has been improved significantly once more. In reception mode the improved antenna and electronics function like a hearing aid, and in the transmission mode they function like a megaphone. This increases the range and accordingly the number of units which are covered. The distance between the network nodes can also be extended (whether horizontal or vertical or via additional floors). This results in a hardware saving of up to 50 % and a corresponding reduction in costs. The network node works extremely well in more complex building environments (e.g. where fire doors/glass walls are installed). Integration in the high-end system Q AMR via the PC radio module WTZ.RM permits the wireless

readout of AMR systems, monitoring during installation and determination of the optimum installation point for the network node. A node can now also receive telegrams in mixed AMR/walk-by systems or reduce the walk-by process costs as a data collector.



consumption data  
readout by radio



## Key features

### Radio

- › "Turbo transmission system": antenna with electronics comparable to a megaphone/hearing aid amplifier
- › Cost saving compared to conventional systems due to reduced resources/installation requirements
- › Safe data exchange through AES encryption\*

### Device

- › Firmware update possible (USB cable accessory)
- › Display of firmware version on the display
- › Backward compatible (with WTX 16...)

- › 868 MHz transmission frequency (OMS) in accordance with national regulations

### Process

- › Reliable, fast and safe network changes
- › New installation module
- › Improved process for mobile consumption data recording (walk-by)\*

### Integration

- › Open interfaces
- › Perfect integration in the high-end system Q AMR
- › OMS bridge\*

### Operation

- › Six new modes for more operating convenience: Copy\_mode, Delete\_mode, IrDa Teaching and Delete\_mode, walk-by telegrams\*, AES encryption\*, Protected\_mode

\* with software update