

TWACS® MIRA

Multiple Input Receiver Assembly



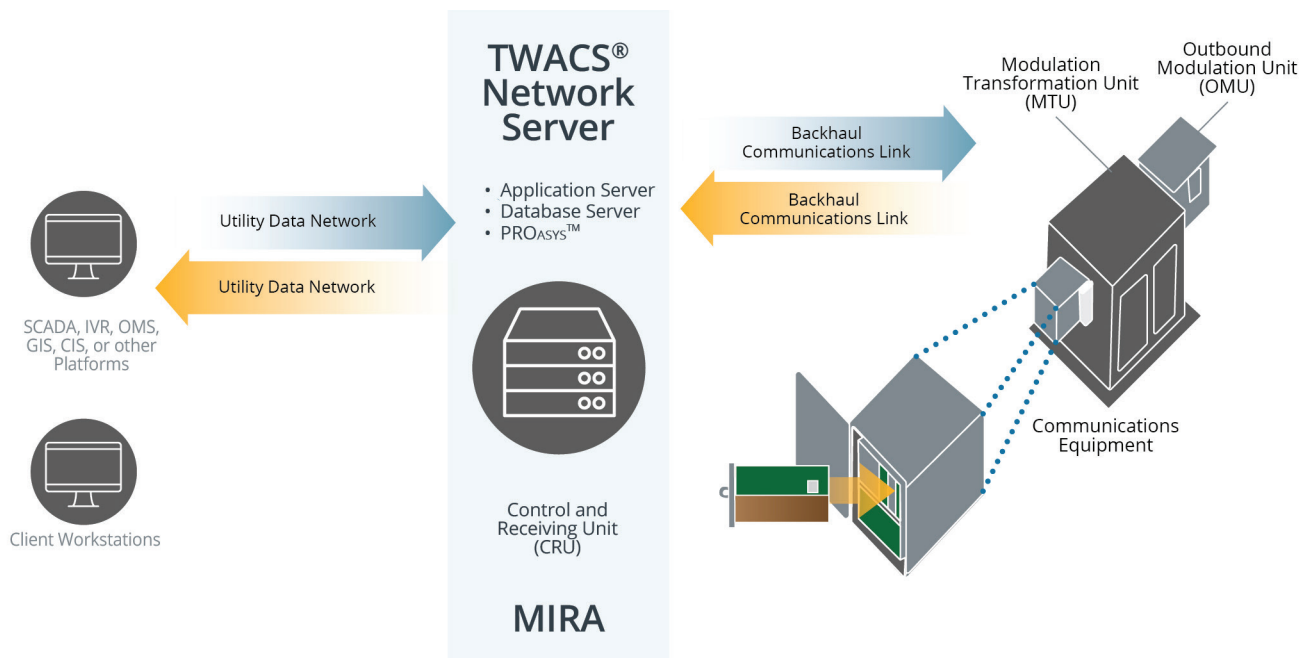
Improving the speed and bandwidth of a TWACS® smart-grid system allows utilities to enable home area networking, improve demand response and distribution automation, and provide time-of-use information, all while lowering distribution costs.

The TWACS MIRA provides more communication bandwidth for advanced smart grid applications and can triple the communications capacity of a TWACS system.

The MIRA is used in installations ranging from 20,000 to 1.4 million endpoints.

FEATURES

- Enhanced precision: Provides far more efficient communications by reducing retries.
- Increased speed: Enhanced parallelism reduces the number of outbound commands.
- Concurrent phasing: Frees bandwidth by reading more meters simultaneously.
- Increased sensitivity: Improves data throughput in noisy substations by using advanced Digital Signal Processing (DSP) algorithms.
- Transponder independent: Works with any TWACS endpoint.
- Downloadable upgrades: Obtains latest version of software from the Aclara TWACS portal.



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The TWACS NIRA replaces CRPA/CRMA detectors and uses Digital Signal Processing (DSP) for enhanced accuracy in detection. TWACS MIRA can be easily swapped into any TWACS CRU to replace the CRPA/CRMA detector cards.



Specifications

- 128 Inputs
- 32 feeders with concurrent phase detection
- Parallel bus detection
- Up to 3 MIRA's per TWACS CRU

Concurrent phasing frees bandwidth by reading more meters simultaneously. Expand your existing TWACS system for the future with the power to drive demand response, distribution automation, and home area networking.