

GRID AUTOMATION PRODUCTS

Superior scalability for grid automation and control

RTU560 product line

Substation automation product for transmission and sub-transmission.

RTU560 represents high-end network interfacing – offering maximum flexibility with the highest number of supported protocols for sub and host communications. Designed to handle the highly complex systems in grid automation and control interfacing. RTU560 connects to all kinds of IEDs, parallel I/Os, serial connected and communication via IEC 61850. All this real time data can then be transmitted to your central SCADA systems for critical actions – protecting your primary equipment from overloading of the grid. Optimize your investments with our long life cycle policy and benefit from our agile concepts.

Your benefits

- Adaptability to changing conditions in your network
- Secure flexibility with our modular platform that allows hot swap depending on your requirements
- Precise data handling gives you peace-of-mind
- Superior performance with up to 16 CMUs enables mass data handling
- Experience of more than 40 years in substation automation make RTU560 a secure investment for you
- Our agile migration concept saves your money and time

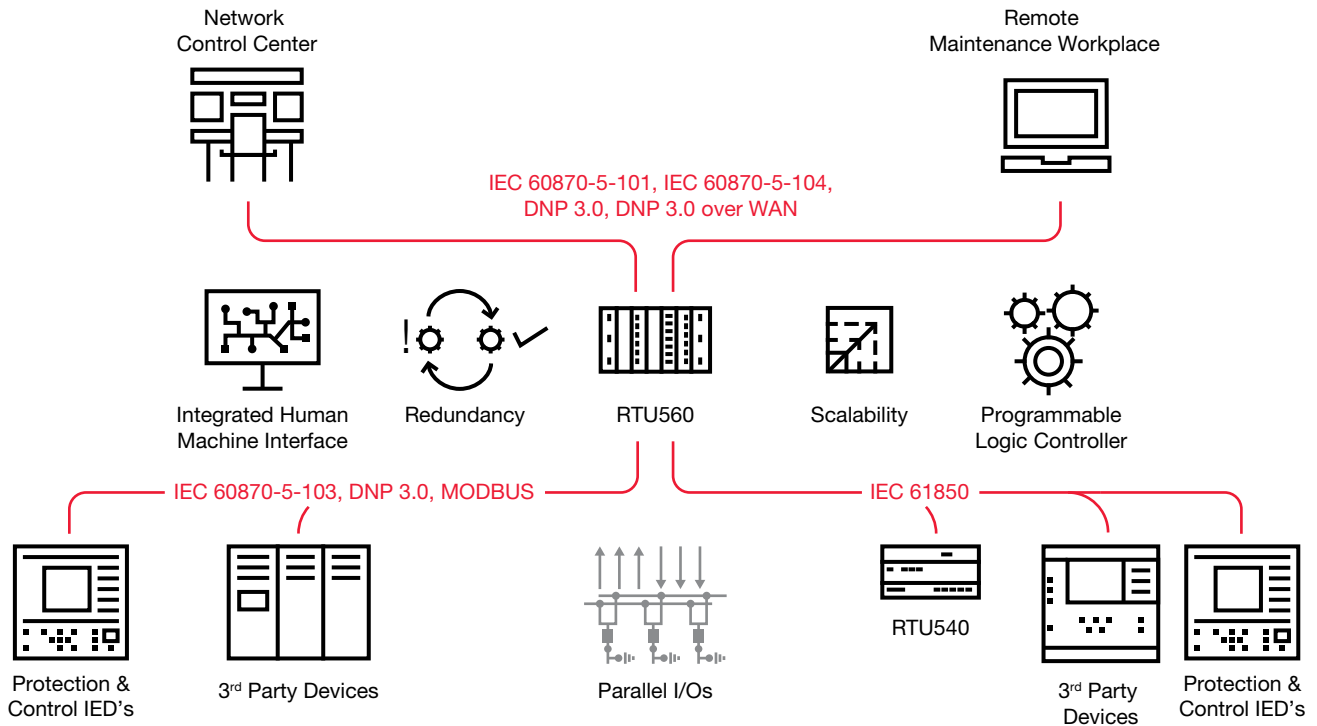


Application examples

In complex network environments you are challenged by a large amount of data. Our RTU560 is the perfect solution for various applications for automation and control.

- The migration solution allows you to retrofit your secondary equipment with reduced investment
- The combination of parallel wired I/Os, serial links and IEC 61850 is efficiently feasible with our RTU560 allowing you to work with infrastructures from different generations
- Our flexible redundancy concepts provide high availability where you need it

Application example



Application areas

Transmission network substations

- Automation of transmission substation
- Digital substation
- Migration

Electrical distribution network, primary substation

- Automation of primary substation
- Transformer automation and control

RTU500 series - Intelligence distributed across your power grid

Our RTU500 series brings the information from the physical power grid to your SCADA system. The modular Remote Terminal Units (RTU) are designed to meet your needs in transmission and distribution automation, enabling you to have the most efficient solution for your requirements. As with many of Hitachi Energy's products - our RTUs have been designed from the ground up with strong and resilient cyber security enabling you to communicate securely via all forms of networks - offering peace-of-mind and confidence in your network. Functional and hardware extensions can be realized easily and the complete series can be quickly engineered to your needs using our proven software tool enabling greater flexibility and cost savings in training.