

IEC 61850—A Breakthrough for Substation Automation

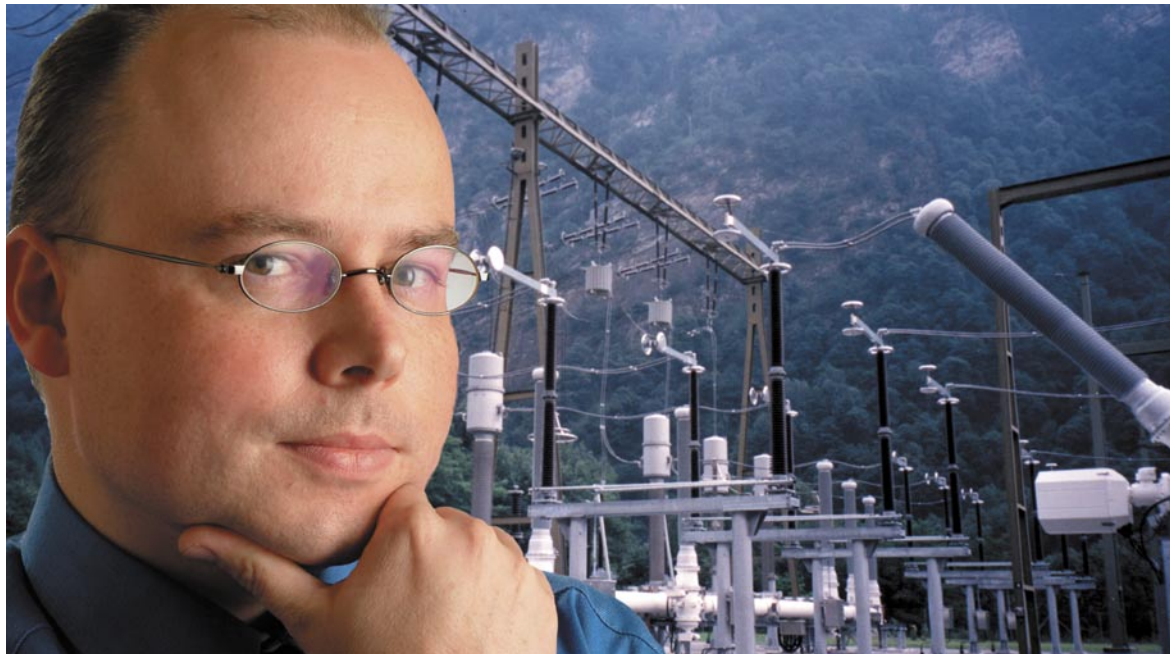


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IEC 61850 and what ABB can do for **you**

Efficient management of power systems with maximum uptime and low life cycle cost demands reliable solutions for control, protection and optimization as well as easy-to-use tools. ABB offers you optimized substation automation solutions with all the benefits of IEC 61850 to help you to achieve just that.



Benefit from ABB's

- **Comprehensive expertise**
in IEC 61850 and power system control and protection
- **Complete portfolio**
of genuinely IEC 61850-compliant station to process level solutions and applications
- **Service and support**
throughout your value chain from specification to maintenance

■ Offering IEC 61850 expertise...

Through strong involvement in and substantial contributions to the elaboration of IEC 61850, ABB has immediate and comprehensive expertise in the new standard. This is complemented by considerable experience in substation automation and protection. Thus we can offer you the consulting competence and services you need for new substation, retrofit and migration projects to minimize project-to-production time and risks.



...as well as optimized substation automation...

In several test series ABB's devices have proven to be fully IEC 61850-compliant. Our solutions offer all the benefits of the standard and are based on

- A complete portfolio of station level HMI, gateways, protection and control IEDs as well as process interfaces
- A comprehensive range of SA functionality for today's and tomorrow's requirements
- A powerful toolbox ensuring efficient system integration and maintenance

to meet your availability and operational requirements and safeguard your investments throughout the life cycle of the substation.



...and services along your value chain

To ensure efficient management of your IEC 61850-based SA projects, ABB offers you comprehensive services throughout your value chain from specifying to commissioning, training and from maintenance to system extension or upgrade.

From product delivery to main contracting for a complete substation automation system, ABB supports you with innovative and reliable solutions to control, protect and optimize the power flow.

