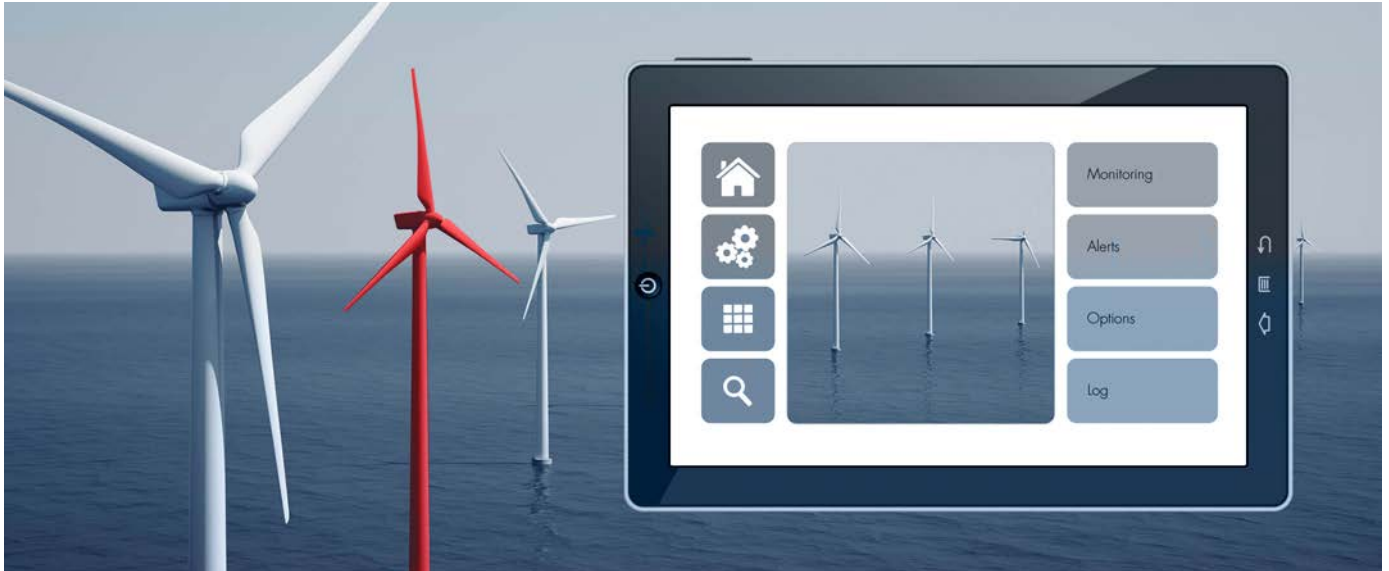


SUPERVISORY CONTROL AND DATA ACQUISITION (SCADA)

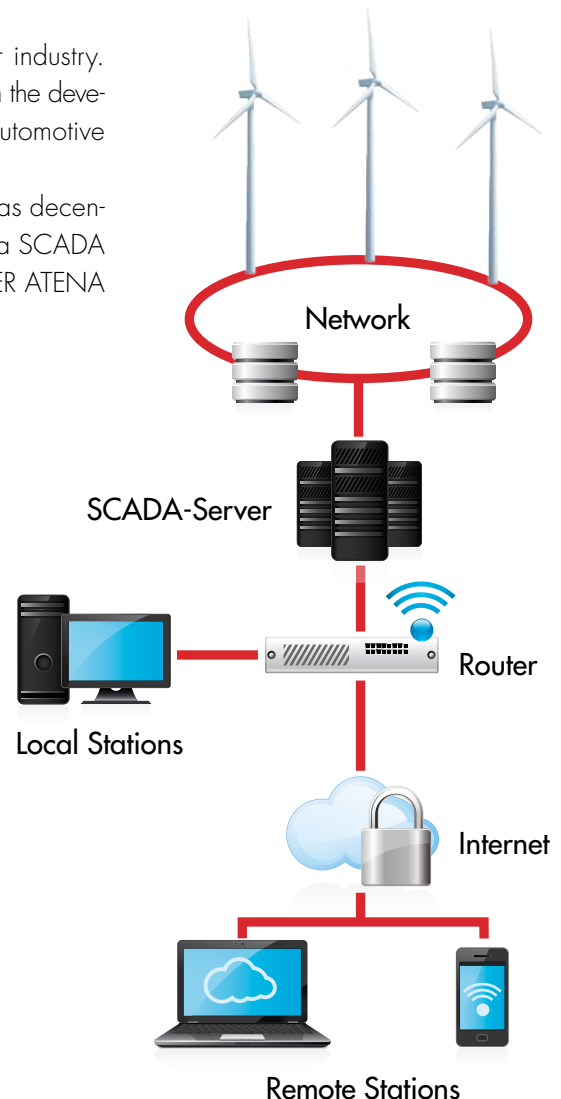


SILVER ATENA offers SCADA engineering services for the wind power industry. Our engineering solutions benefit from the profound expertise gained through the development of safety-relevant systems in several industries like aerospace, automotive and aero engines.

SCADA systems allow analysis of real-time data, fault detection as well as decentralised and platform-independent control systems. An important part of a SCADA system is a well-designed and ergonomic human machine interface. SILVER ATENA offers Usability and User Centred Design.

SILVER ATENA ENGINEERING SERVICES

- Customised solutions for data visualisation and databases
- Design and development of desktop, web and mobile applications
- Documentation and review
- Usage of common SCADA environments
- Implementation to communication standards OPC UA and IEC 61400-25

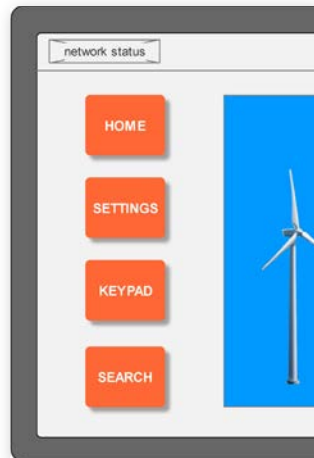


HUMAN MACHINE INTERFACE DESIGN

- Usability
- User Centered Design Process according to EN ISO 9241-210
- Interaction Design
- Prototyping
- Automated GUI tests

TOOLS AND TECHNOLOGIES

- Balsamiq / AXURE
- WinCC Open Architecture
- TwinCAT
- HTML 5, CSS 3, JavaScript
- Angular 2 / JQuery
- Java / JavaFX / Java Swing
- C# / WPF / UWP
- C++ / Qt / QML



Mockup
(visual)

Prototype
(interactive)

Final Product

CUSTOMER BENEFITS

- Fixed price services
- Manufacturer-independent services
- Flexible custom solutions
- Fast and cost-effective realisation
- Use of synergies through our experience in various industries



CONTACT

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