



TeslaSCADA

First Android OPC UA
SCADA system



TESLA

What is TeslaSCADA.

TeslaSCADA is a SCADA for accessing production and process data through smart phones and other Android devices, using the industrial communication standard – OPC Unified Architecture (UA).



Nowadays, mobile devices are becoming more powerful and the communication infrastructure (Wi-Fi, 3G, 4G) is becoming more affordable. Now employees could receive technology information and have access to system controls anywhere at any time. Our idea is to do a quick visualization between an Android device and remotely situated industrial devices such as flow meters, compressors, tanks, artificial lift devices and more. TeslaSCADA allows the monitoring and control of automated processes to be extended to an ordinary mobile device, smart phone or

tablet PC without extra development environment. It takes only minutes to set it up if you're used to SCADA. TeslaSCADA based on the binary OPC UA protocol. OPC UA is a highly efficient and secure standard, that allows encrypted transmission, authenticated and authorized access to production data.

Main features.

- Local or remote access. Any number of concurrent OPC UA servers.
- Very fast, independent of project size. Immediate connection and display.
- Projects can be configured directly from your Android device.
- Export/Import projects.
- Secure access to real-time data.
- Support OPC UA events.
- Support OPC UA history.
- Configurable authorization.

Where can be used TeslaSCADA.

TeslaSCADA can be used in these industries:

- Home automation
- Building management
- Oil and gas
- Water/waste water management
- Factories and production lines
- Fire detection control systems
- Power stations
- Health care
- Transportation

Who can use TeslaSCADA.

TeslaSCADA can use:

- Machine operators
- Utility engineers and technicians
- Control engineers and technicians
- Product managers
- Technologists
- etc

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