

Sciencetech provides Wonderware Indusoft Web Studio SCADA software for industrial automation, process control and supervisory monitoring. Wonderware Indusoft Web Studio SCADA enables users to visualize and control processes while providing them with an easy-to-use development environment and extensive functionality to rapidly create test and deploy powerful automation applications that connect and deliver real-time information. SCADA software is an open and extensible HMI that enables flexibility in custom application design with connectivity to the broadest set of automation devices in the industry.

Features:

- Ready-to-use symbol library
- React and respond in real-time
- Real time monitoring.
- Friendly, manageable, secure, extensible.
- Easy-to-use, easy to implement
- Easy configuration, simplified maintenance
- Communication with PLC
- Easy and flexible alarm definition
- Data collection and analysis for new and existing systems
- Easy-to-use for report generation
- Open access to historical data
- Different packages available with input/output structure

Technical Specifications:

- SCADA : 150 tags
- Functions : Trending, alarming, reporting, security, event and others functions.
- Package contains : Software DVD, license key

Scope of Learning:

- Create SCADA application
- Interface PLC in Real time with SCADA
- Develop dynamos and relate it with parameter of PLC
- Interface PLC with SCADA and check the status of read/command transfer operation
- Read parameters of PLC in SCADA
- Create database of tags
- Create & edit graphic display with animation
- Create & access real-time trends
- Create alarms & events
- Connect with the different PLC
- Explore different communication protocols
- Report generation

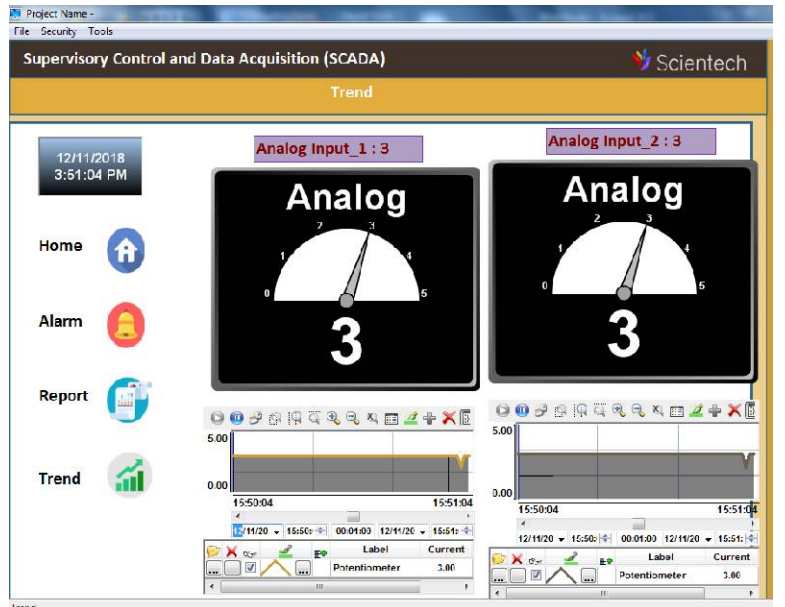
Note:

This SCADA Software is compatible with Scientech 2400 A/B/C/AH/BH/CH, Scientech 2400F/G/GN/GNH & Scientech 2400EH models.

Alarm

Event Time	Type	Tagname	Message	Comment	Station
12/11/2018 15:33:06	Lo	AlrAaaCmd[3]	Analog Alarm #3 (lower th...		ALOKP
12/11/2018 15:33:03	Lo	AlrAaaCmd[4]	Analog Alarm #4 (lower th...		ALOKP
12/11/2018 15:33:01	Lo	AlrAaaCmd[2]	Analog Alarm #2 (lower th...		ALOKP
12/11/2018 15:33:00	Hi	AlrAaaCmd[2]	Analog Alarm #2 (higher th...		ALOKP
12/11/2018 15:32:55	Hi	AlrDigCmd[3]	Digital Alarm #3		ALOKP
12/11/2018 15:32:41	Hi	AlrAaaCmd[1]	Analog Alarm #1 (higher th...		ALOKP
12/11/2018 15:32:39	Hi	AlrDigCmd[4]	Digital Alarm #4		ALOKP
12/11/2018 15:32:38	Hi	AlrDigCmd[5]	Digital Alarm #5		ALOKP
12/11/2018 15:32:31	Hi	AlrDigCmd[1]	Digital Alarm #1		ALOKP

Trend



Report



The screenshot shows the 'Report' window of the SCADA software. It features a navigation sidebar on the left with icons for Home, Alarm, Report, and Trend. The main area displays two report generation options: 'Report in Plain Text Format (TXT)' and 'Report in Rich Text Format (RTF)'. Each option includes buttons for 'Save to Disk', 'Send to Printer', 'Open/View', and 'Delete'. The interface also shows a timestamp of 12/11/2018 3:49:50 PM.