



Business Industrial Network

2 Cityplace Drive, suite 200, St. Louis, MO. 63141
GOV Cage # 5BC72, DUN # 829394449 (we are a Small Business Concern)
A+ rating with the Better Business Bureau – EIN 30-0392084

SCADA Course Material TOC

(using SIMATIC WinCC V7 as primary SCADA)
A Maintenance Level Introduction to SCADA

See details at http://bin95.com/scada_tutorial_siemens_automation.htm

- Introduction to SCADA (**What is it**)
- Introduction to SCADA (**Brands and markets**)
- Introduction to SCADA (**Machine control**)
- Introduction to SCADA (**Supervisory Control**)
- Introduction to SCADA (**Data Acquisition**)
- What is WinCC SCADA?
- WinCC SADA Overview & Basic Functions

Process Visualization

Adding the communication driver

- Graphics Designer Editor
- Creating a Button
- Creating an Action
- Standard Objects
- Turn Off Global Scheme
- Saving a Picture
- Computer Properties

Activate Runtime

- Creating an I/O Field
- STEP 7: Create a project



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SCADA Course Material TOC (Cont.)

SIMATIC Manager is the central application for STEP 7 (Create a station)

- STEP 7 & S7-PLCSIM

- Download to S7-PLCSIM

- a) Open WinCC Explorer , First_Page under Graphics Designer

- Fill Levels of Objects

- Slider

- Bar

- Symbol Library

- Alarms

- Alarm Display

Network Security Advice: Standards

- Risk

- Standards

- Security steps to take

- Don't Stop learning...
 - Free downloadable open source SCADA program
 - Free online additional SCADA learning resources

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