

Course Outline: VTScada Advanced Configuration

In this course, VTScada developers learn advanced configuration techniques to take full advantage of VTScada's power.

Day 1

- Review of VTScada features and concepts
- Configuration properties to control how VTScada looks and works
- Templates for alarm notifications and logging
- Using workstation-specific and roster-specific properties
- Create lists in the VTScada Application Manager
- Advanced use of expressions (programming) to enhance tags and widgets

Day 2

- Context tags in detail
- Create complex multi-tag structures for re-use
- Create custom widgets / Elements of high performance HMI
- Parameterized pages. Build a screen once to use many times
- Sites and Connectors
- Use tabbed folders in your display screens

Day 3

- Advanced security management and customization
- Using Windows security integration
- Realm-Area Filtering and Tag-Area Filtering
- Reusable Application Layers for efficiency and security
- Master / Subordinate applications
- Understand and use ChangeSets and the VTScada version control repository

Day 4

- Advanced reporting techniques in VTScada including:
 - Control what data is collected and how it is stored
 - Standard reporting features
 - Using Excel templates
 - Configure the ODBC interface SQL queries of VTScada data
- Introduction to the VTScada scripting language.
- [Optional] Sites and Maps with advanced configuration
- [Optional] Language support in VTScada. Create and translate phrases.

Depending on available time and student interest, additional topics may be covered. It is assumed that participants know the basic features of VTScada as covered in the Operations and Configuration course.

Reserve a Seat for an Upcoming Training Course

Trihedral.com/user-resources/training-courses