Integrate InTouch Edge HMI with Wonderware Historian through Trend worksheets

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Agenda

- Overview
- Live Demonstration
- Review and Summary
Overview

InTouch Edge HMI provides native integration with Wonderware Historian through the Trend worksheets available on InTouch Edge HMI tasks configuration.

It supports System Platform 2012R2 or newer, and InTouch Edge HMI 2014R2 (v8.0+SP1) or newer.

* IotView (runtime for Linux/VxWorks) and CEView (runtime for Windows CE) do not support native integration with Wonderware Historian on premise.
Architecture

- Wonderware Historian
  - TCP Port 32568

- Studio Database Gateway (StADOSvr.exe)
  - TCP Port 3997

- InTouch Edge HMI (runtime)
Live Demonstration

• Tutorial: Showtime!
Review and Summary

• Troubleshooting tips
Review and Summary

• Install
  • System Platform / Wonderware Historian, along with Microsoft SQL Server database
  • InTouch Edge HMI

• Configure
  • Wonderware Utilities > Configurator: Historian > Server, Historian > Security, Historian > Search
  • InTouch Edge HMI: Trend worksheet(s)

• Check
  • Link between InTouch Edge HMI station and Wonderware Historian station through TCP port 32568 (by default)
  • Link between InTouch Edge HMI runtime (Background task) and the Studio Database Gateway (StAdoSvr.exe) through the TCP port 3997 (by default)
  • Wonderware Historian Status through System Management Console (SMC) > Historian > Historian Group > [Station Name] > Management Console > Status
  • Authentication settings configured in the InTouch Edge HMI trend worksheet matches the settings configured under Wonderware Utilities > Configurator > Historian > Security
Thank you.