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# Integrate InTouch Edge HMI with Wonderware Historian through Trend worksheets

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# Agenda

- Overview
- Live Demonstration
- Review and Summary

A man in a dark suit and tie is standing in front of a whiteboard. He is holding a black marker in his right hand and has just finished writing the word 'Agenda' in a large, white, cursive font. The background is a plain, light-colored wall.

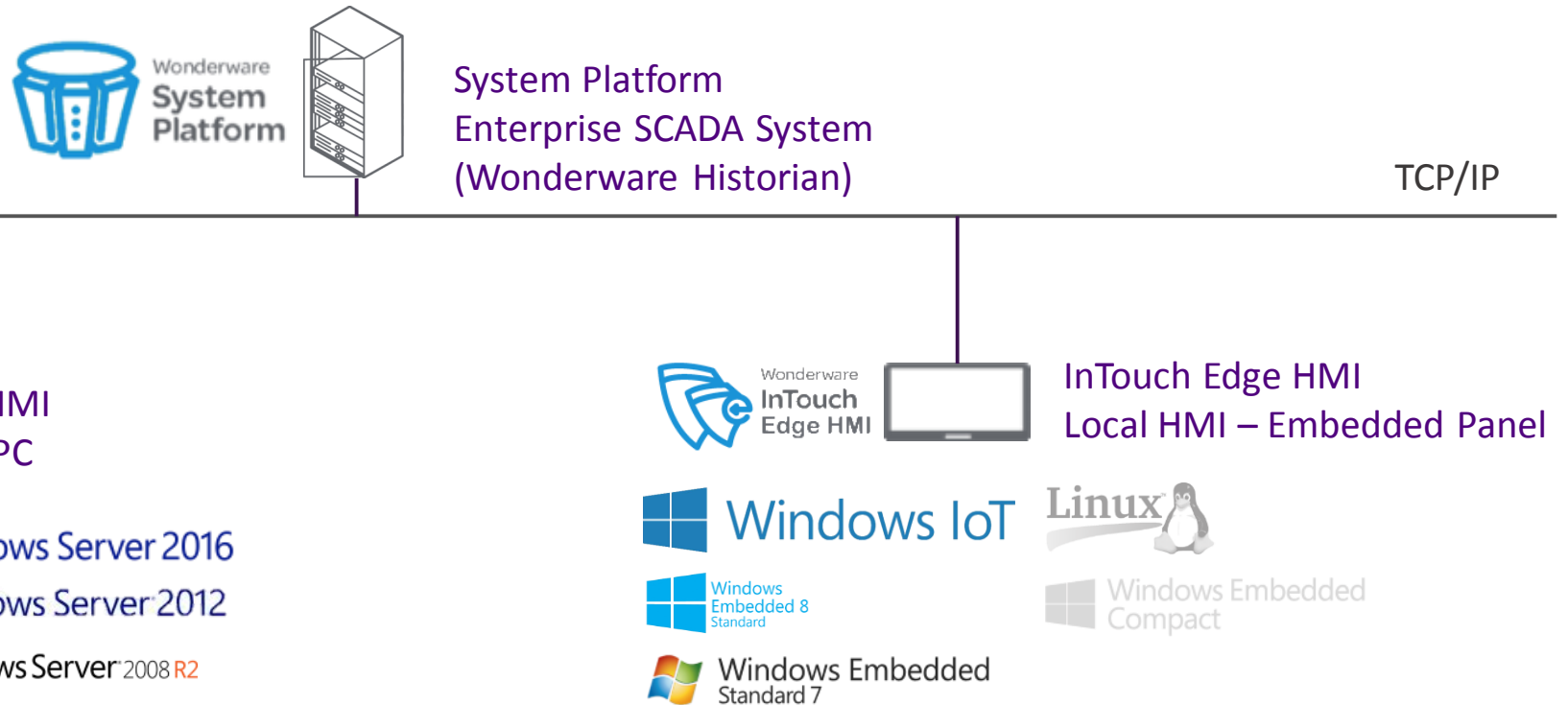
Agenda

- 1 \_\_\_\_\_
- 2 \_\_\_\_\_
- 3 \_\_\_\_\_
- 4 \_\_\_\_\_
- 5 \_\_\_\_\_
- 6 \_\_\_\_\_

# Overview

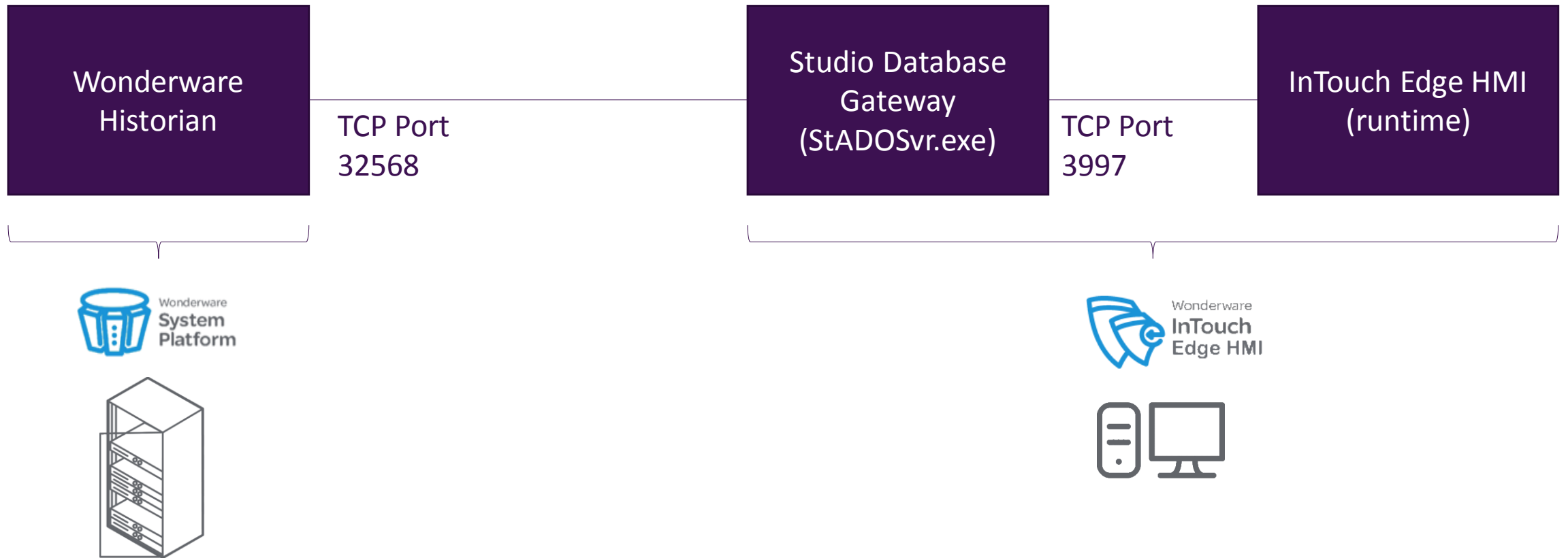
InTouch Edge HMI provides native integration with Wonderware Historian through the Trend worksheets available on InTouch Edge HMI tasks configuration.

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



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

# Architecture



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# Live Demonstration

- Tutorial: Showtime!

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# Review and Summary

- Troubleshooting tips

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# 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

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Thank you.