

Life Is On

Wonderware
by Schneider Electric



17%



LINE EFFICIENCY

ACTIVE ALARM AT SITE 313

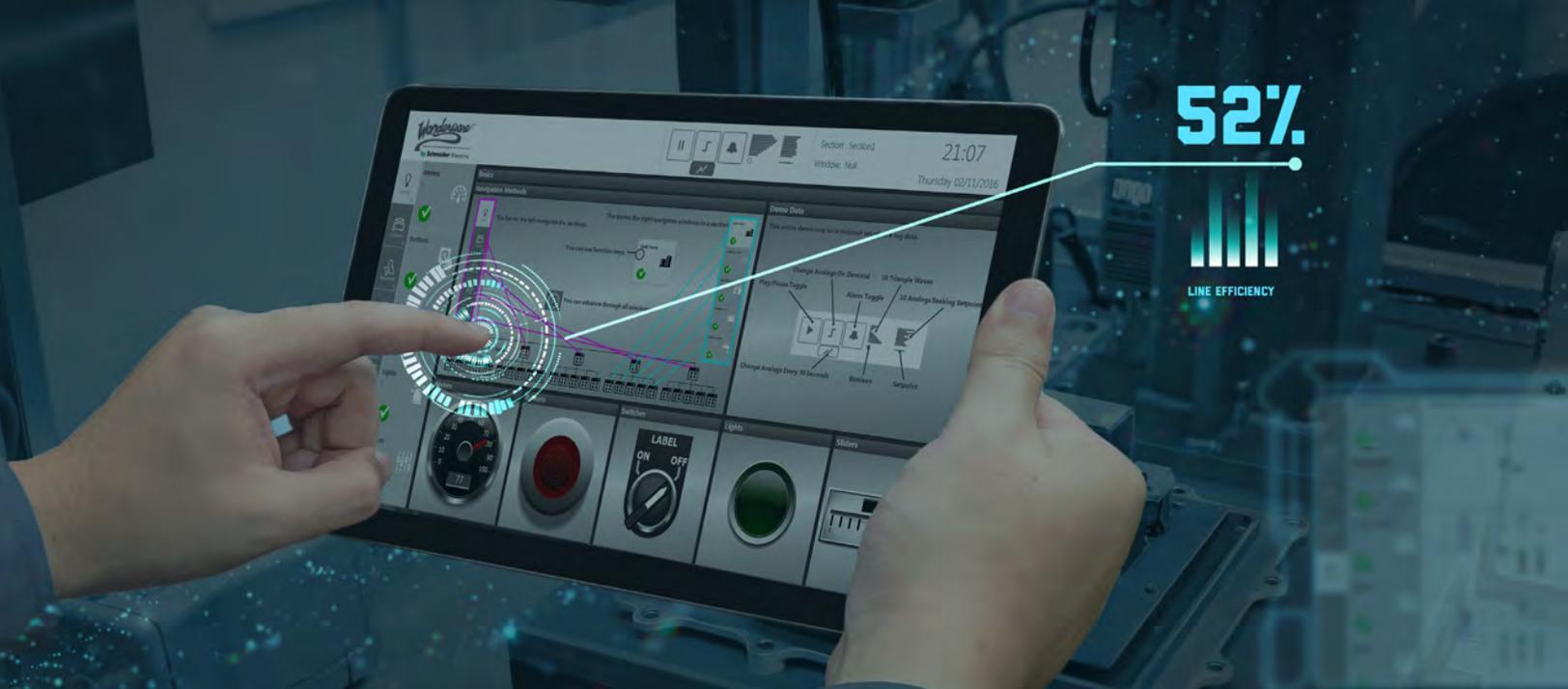
Wonderware InTouch HMI 2017

What's New in the World's #1 HMI

InTouch is the world's #1 Human Machine Interface software solution.

InTouch goes far beyond the ordinary HMI to deliver:

- + Legendary ease of use
- + Unprecedented engineering simplicity
- + Unrivaled migration path protecting your engineering investment
- + Market-leading innovation
- + Situational Awareness for optimum operational agility
- + Access from practically any device anywhere any time



Business Value

InTouch enables users to quickly create and manage standardized, reusable industrial applications to maximize the return on engineering, shorten project times, more clearly inform operators, reduce risk and significantly lower total cost of ownership.

Transformational Value

Wonderware® InTouch® HMI 2017, the newest version of the world's favorite Human Machine Interface (HMI) software, delivers truly transformational value. By improving real-time visibility into your processes, InTouch greatly improves operator effectiveness and increases control of your processes to simplify and enforce standardization and change management.

Breakthrough Advanced Engineering Tools

InTouch HMI 2017 delivers a breakthrough in advanced engineering tools delivering faster time to value, more effective HMI design, better trouble shooting, and ease of application maintenance. InTouch includes numerous visual tools, functionality and out-of-the-box content libraries to improve the ability to identify and address abnormal situations before they impact operations.

Realize, React, Resolve

InTouch HMI 2017 makes it easy to implement and encourage best practices to bring clarity, consistency and meaning to integrated data.

With InTouch HMI 2017, both experienced and entry level operators are more easily able to identify, understand, react to and stay on top of operations, as well as more easily detect and resolve abnormal situations.

Problems Solved

Enhanced User Experience

An ever evolving world of computing devices with diverse form factors and interactive capabilities demands new ways of interacting with these devices. InTouch HMI 2017 introduces a new user experience for use in this new environment.

Situational Awareness

Today's operations and plants are becoming larger and more complex with expanded data requirements, increased monitoring load, more alarms, and greater agility requirements. What's more, the role of the operator is expanding, which increases the knowledge and expertise requirement yet reduces the time available to dive deeply into any one area. Knowing "what happened" is no longer sufficient; operators need the ability to better interpret and understand information, to know "why," and to proactively determine how real time changes may affect the future.

Increased Engineering Productivity

From starting applications faster, to reusing engineering, to designing, adopting, distributing and enforcing standards, InTouch continues to improve tools to help shorten engineering cycles, and reduce your engineering time and costs.



Enhanced User Experience

Pan and Zoom

HMI Pan and Zoom provides a simple intuitive way to interact with your visualization applications in a modern multi touch hardware environment. Pan and zoom can also be enjoyed using keyboard and mouse in addition to a multi-touch interface. Zoom level is also accessible programmatically, enabling powerful tasks such as application clutter/de-clutter and more.

Redesigned Events and Alarms Control

The Events and Alarms Control (EAC) has been redesigned for improved processor performance, and its filter and sorting capabilities have been extended to provide more flexibility.

Higher Engineering Productivity

New InTouch Script Editor

A new editor helps significantly boost engineering productivity.

- + Auto-Complete functionality anticipates the engineer's next move, and provides a list of context sensitive intelligent choices.
- + Color coding helps more easily identify the different elements of a script: keywords, comments, functions, references, etc.
- + Syntax highlighting helps easily spot syntax errors.
- + Line numbering helps easily go to specific sections of your script.

Application Templates

Another great productivity tool, Application Templates allow users to start the design of a new HMI application from a base template instead of starting from scratch, saving hours and hours of engineering. Application Templates can be as simple as a navigation framework or as rich as the user

desires. System Integrators can reuse their engineering in multiple projects, OEMs can deliver base applications to their end users, and new users can get started in a shorter time.

Application Templates can be selected via a template browser which provides a thumbnail preview of the templates. Users can organize Application Templates in a folder structure of their choice, by resolution, by industry, by customer, by engineering team, etc.

A number of Application Templates are available out-of-the-box. Users can create their own Application Templates.

Window Templates

InTouch windows can now be defined as templates so new windows can be created from them and inherit window properties, content and scripts; another productivity feature that helps save engineering time.

Application Target Resolution

In a world where more devices of diverse form factors abound, users more often find the need to design applications of uncommon sizes or simply to design an application for displays the designer has no access to. InTouch now allows users to design applications in a target resolution different from the one the development machine has.

'Frame' Type Windows

A new type of InTouch window allows hosting a single simple or complex Archedra graphic to fully leverage the power behind the Archedra Graphics and the vector based technology, including, for example, the ability to pan and zoom.

Script and Control DLL import

InTouch HMI 2017 allows importing of .NET Script and Control DLLs in Modern InTouch applications.



Increased Reliability

Ability to Run InTouch as a Service (Faceless)

InTouch HMI 2017 brings the ability to run InTouch as a GUI-less service, allowing it to be used as a tag server for customers using said architecture.

OPC UA Connectivity

OPC UA is now supported out-of-the-box.

New Licensing Technology

- + Activation based licensing does away with the need for hardware dongles.
- + Centralized License Management facilitates administration and auditing of licenses.
- + Incremental capabilities provide the opportunity to add additional sessions more easily.
- + Reservation capabilities can be leveraged to guarantee a license for a specific node.
- + License Server failover capabilities have been added.

Access from Any Device, Anywhere, Any Time

InTouch Access Anywhere 2017, an add-on for InTouch, continues to empower casual and mobile users, providing reliable and secure remote browser-based access to InTouch applications from any device, anywhere, any time.

This release of InTouch Access Anywhere introduces:

- + Cyber Security enhancements to the Secure Gateway.
- + New cyber security related settings are secure by default.
- + A new streamlined start page for a better user experience provides easier access to all settings.
- + Support for the latest versions of the major HTML5 compliant browsers:
 - Safari
 - Google Chrome
 - Microsoft Edge
 - Firefox
 - Opera

Wonderware InTouch HMI 2017. A Great Thing Keeps Getting Better.

Contact your Wonderware distributor today to learn more about upgrading to InTouch HMI 2017.