

# ThingWorx Operator Advisor

Improve your operator productivity & flexibility

**Kickstart your Industry 4.0 journey with FactoryTalk™ InnovationSuite ThingWorx™ manufacturing apps and building blocks**

With the demand for increasingly complex and tailor-made products on the rise, manufacturers face mounting global competition and vastly more complex manufacturing operations. This puts tremendous pressure on your workforce to adapt. With increased changeovers and more difficult product assembly, they need advanced tools, updated processes, and better training. In fact, more than 80% of manufacturers indicate a moderate or serious shortage of qualified applicants for skilled and highly-skilled production positions<sup>1</sup>.

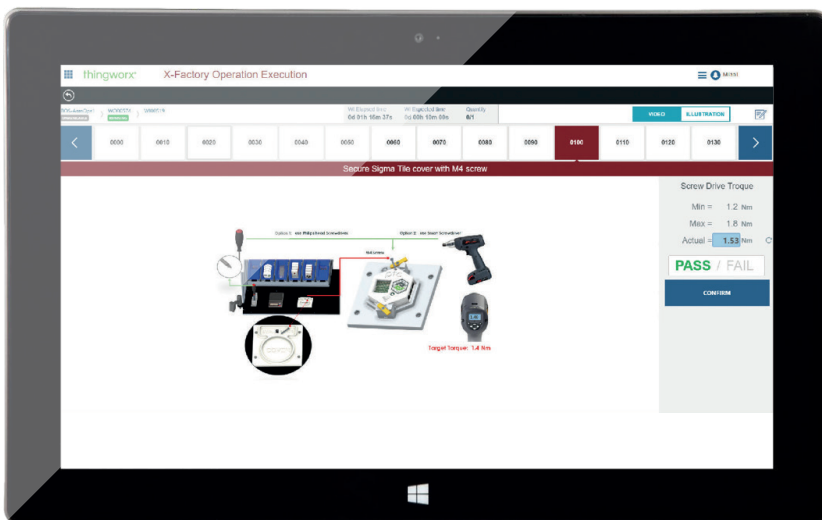
ThingWorx Operator Advisor addresses the skills gap and helps manufacturers increase workforce productivity and operational

efficiency by delivering a unified IT-OT interface for operators. On a single screen, Operator Advisor provides work order, work instruction, machine, and smart tool data.

By connecting to various siloed manufacturing systems, including ERP, MES, PLM, and CMMS, and capturing machine data from HMIs and PLCs, Operator Advisor is able to provide in-context, accurate information and data unlike any other solution. Operator Advisor also monitors productivity in real-time and, with connectivity to machines and smart tools, it ensures precise execution and validated product quality — all while capturing data for compliance and better visibility.



Equip operators with the information they need to identify and complete tasks, all in a single interface.



<sup>1</sup> Source: Deloitte and the Manufacturing Institute



**InnovationSuite**  
powered by PTC

**Empower your operators with a single view of task information and real-time machine, sensor, and smart tool data.**

## Digital instructions

- Eliminate the static paper instructions that are difficult to maintain, interpret, and update
- Reduce time on complex tasks with robust CAD drawings and videos

## Monitoring & feedback

- Improve visibility and operations by capturing performance data
- Accelerate training and skill development with timely feedback while improving engagement and retention

## Connected systems

- Bridge IT and OT systems with a unified operator screen
- Speed production with connection to smart tools and machines



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# Why ThingWorx Operator Advisor?

Operator Advisor helps manufacturers improve workforce productivity by simplifying the delivery of digital work instructions in context, eliminating static paper and PDF-based instructions. The solution also enables the logging of data, such as best practice workflows, as expert workers complete certain tasks. Operator Advisor brings together IT and OT systems and connects to smart tools and machines to create a unified operator screen.

## Capabilities/Features

- Bi-directional integrations from various systems to ThingWorx and back
- Automated and manual data capture to build product genealogy
- Connectivity to smart tools
- Real-time quality check to error proof execution





## Benefits/business improvements

- Improved operator efficiency
- Improved quality
- Reduced operator training
- Increased workforce flexibility

## Optimization across the board

- Increase productivity by 5-8%
- Reduce scrap and rework costs by 15-25%
- Reduce time to productivity for new workers or upskilled workers
- Improved workforce flexibility and satisfaction
- Increased operational performance
- Reduced burden of compliance and traceability

Learn more at [RockwellAutomation.com](https://rockwellautomation.com)

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Publication INFO-SP012A-EN-P - August 2020  
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