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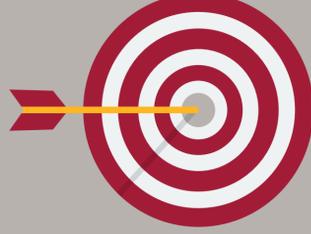
## INDUSTRIAL IoT CHALLENGES

### and How to Address Them

The Industrial Internet of Things promises to reduce equipment maintenance costs, increase production efficiency and decrease energy costs.

What are the common challenges factory managers face when integrating IIoT technology into their operations? HOW CAN THEY ADDRESS THEM?

#### CHALLENGE #1



Establishing clear objectives by determining the level of automation, data processing, and connectivity you need in your facility.

#### CHALLENGE #2



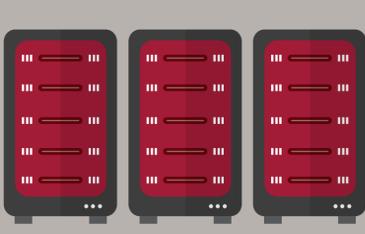
Identifying or hiring personnel with technical skill sets.

#### CHALLENGE #3



Implementing technology that complements your operations.

#### CHALLENGE #4



Preparing your network.

#### CHALLENGE #5



Preventing operational failures.

#### CHALLENGE #6



Cybersecurity.

#### SOLUTION



Partner with manufacturing consultants, who can expertly integrate the IIoT into your operations without disrupting them.

#### SOLUTION



Invest in training programs that equip staff with knowledge of networking, hardware, cloud computing, and robotics maintenance.

#### SOLUTION



Identify the software and hardware you'll need to turn your facility into a data-driven operation.

#### SOLUTION



Assess your infrastructure and identify all assets that are web-compatible and catalog equipment that requires advanced configuration.

#### SOLUTION



Continuously improve your processes by utilizing data analytics to increase product quality, forecast demand and prevent equipment failure.

#### SOLUTION



Consult experts to determine the best security framework that includes – at a minimum – authenticating devices, authorizing information use, developing network-enforced policies and using security analytics to detect threats.

Don't digitize your manufacturing facility on your own. Contact TechSolve's experts to ensure your organization receives a maximum return on its IIoT investment.

[www.techsolve.org/contact-us](http://www.techsolve.org/contact-us)



TechSolve's process improvement and manufacturing experts use proven techniques and tools to help our clients find solutions that result in guaranteed ROI. Please visit [www.techsolve.org](http://www.techsolve.org) or contact marketing at 800-345-4482 for more information.

#### Additional Resources

"Machine Dreams: Making the Most of the Connected Industrial Workforce."

"Challenges in the Internet of Things (IIoT)."

"Designing the Internet of Things."

"Securing the Internet of Things: A Proposed Framework."