

A photograph of two men in a factory setting. One man is pointing at a yellow robotic arm, while the other holds a tablet. The scene is industrial with various machinery and cables visible.

Industry

4.0

Manufacturing and Distribution

What is Industry 4.0?

Technology has evolved to become smarter and more automated. Powerful data and connectivity, analytics, artificial intelligence and advanced robotics all combine to enable manufacturers to reduce waste, become more productive and increase their competitiveness. Altogether, this evolution of technology is called Industry 4.0.

The journey to get to Industry 4.0's powerful benefits is an involved one, and it often starts with asking the right questions. How can you take advantage of all your available capacity and create more without adding personnel or equipment? How can you prevent unplanned downtime? How can you better connect with your customers and suppliers? Where do you even start?

The future is now. Are you ready?

Because manufacturers are challenged to find skilled workers, increase capacity, plan strategically and make capital investments in equipment, adding Industry 4.0 onto the pile may seem impossible. Knowing it's the future of the industry — a true requirement for continued success — it can be demoralizing to realize you may be behind.

That's why Wipfli specializes in helping manufacturers get started with Industry 4.0. We bring the resources and know-how you need to develop a strategic roadmap and officially launch this critical initiative. By learning about your strategy, goals, current systems, data capture abilities and capacity, we can create an approach completely customized to your business.

WIPFLI

Industry 4.0 is within your reach

From starting the Industry 4.0 planning process through implementing its valuable capabilities, Wipfli is here to help ensure your success.

Get started

When you work with Wipfli on developing your Industry 4.0 capabilities, you enjoy a proven process that gets firm results. We help you:

- Develop your business case for digital transformation.
- Tie production outcomes to financial variances to help quantify inefficiencies and prioritize future people, process or technology improvements.
- Hold workshops around connecting machines, capturing data and deploying reporting solutions.
- Select the ideal machine-monitoring technology for your business needs and/or create a custom reporting suite that displays critical information.
- Create analytics capabilities to filter, sort, drill down and compare performance between dates, shifts, work orders, production lines, operators and products.

Create your roadmap

We help you develop an Industry 4.0 technology roadmap that coincides with your technology vision and your automation needs. We hold discovery workshops with your team to review your current processes, technology and equipment, as well as your future state objectives and solution requirements. This guides us in developing your Industry 4.0 roadmap that emphasizes speed-to-use and speed-to-adoption.

Align the physical and digital worlds

A critical component of Industry 4.0 is ensuring the physical and digital worlds are in sync. By capturing information in a digital reporting suite and giving it context, Wipfli helps you make more informed decisions in the physical world.

Leverage specialized knowledge and experience

Wipfli delivers broad yet deep knowledge of the entire process involved in building out Industry 4.0. Our team supports your digital technology stack and provides solid insights on the interconnectivity of disparate systems. We have deep experience in intelligent analytics. Plus, we deliver insights on how to be more predictive in your supply chain to handle the shifting demands of your customers.

See valuable results

As a result of our Industry 4.0 work with you, you'll see valuable outcomes and deliverables that truly meet your needs. We develop:

- A definitive project timeline and expectations
- Thorough estimates and budget
- Requirements backlog segmented by development phases (sprints)
- Mock-up designs
- Infrastructure and integration plan for system communication
- RACI matrix for stakeholder communication

Let's get started

Contact us to get started with Industry 4.0.

wipfli.com/industry4-0