

# Rapidly retooling manufacturing capabilities

## Flexible digital tools to help address pressing new demands

The realities of the COVID-19 crisis are bringing new realities to the manufacturing front. Many businesses are rapidly pivoting to make new types of products—such as ventilators and personal protective equipment<sup>1</sup>—or to scale production levels for existing products. As big and small players alike seek ways to retool manufacturing in the time of COVID-19, many are discovering that moving forward with confidence involves cloud systems and a solid set of digital core business processes.

### A path forward

As manufacturers seek digital solutions that can help them retool their existing capabilities to produce critical equipment and supplies, Deloitte has stepped up with its new **Retool Manufacturing** offering—based on SAP® technologies, including the **SAP S/4HANA®** digital core ERP and **SAP® Digital Manufacturing Cloud**.

Available in three deployment options, Retool Manufacturing can provide an accelerated path to intelligent insights and automation—with a set of capabilities for orchestrating and controlling the execution steps on the shop floor, supporting validation and testing, aiding OEM collaboration, and scaling production efficiently. Deployment options, which can be delivered in an accelerated timeline, include:

- **SAP S/4HANA Lite for Medical Equipment:** Cloud-hosted, enabling rapid implementation of an end-to-end manufacturing process flow to support the shop floor environment; available as a turnkey ERP solution
- **SAP Digital Manufacturing Cloud:** Leverage SAP or non-SAP systems for rapid deployment of a centralized, cloud-based and integrated manufacturing execution and performance management solution
- **SAP Digital Manufacturing Cloud: Rapid Deployment with ERP Lite:** Retool and build equipment needed to meet crisis-level demand, with visibility into end-to-end supply chain processes plus enhanced manufacturing capability

### Potential benefits

- Repurpose manufacturing sites to produce critically needed products
- Scale production quickly using industry-leading insights, validation-ready artifacts, and prebuilt training documents
- Enable more informed decision-making with real-time manufacturing and operational insights—helping reduce infrastructure challenges and maintenance overhead
- Adjust production schedules to changing demand and supply, optimizing resources and labor
- Increase efficiency via real-time collaboration and reduced integration costs, supported by a common set of digitally enabled processes and data
- Tap the benefits offered by cloud services—for scalability, lower total cost of ownership, simplified IT landscape, access to the latest innovations, and more

### How we can help

Addressing the COVID-19 crisis and getting to the “new normal” will likely require industry-specific guidance and a spectrum of skills that extend across business and technology needs. Deloitte can help, providing critical technology solutions and services for enabling a more resilient organization. Here are a few ways we can support your organization as you work to respond, recover, and thrive:

- Build the business case for retooling manufacturing with new digital capabilities
- Develop a roadmap for the journey, helping you prioritize actions along the way
- Deploy and integrate flexible solutions, aligning technologies with the way your business works
- Leverage your investments in existing solutions and SAP technologies, to help create a more unified IT environment supporting intelligent insights and actions
- Enhance manufacturing operations with advanced sensing capabilities, IoT technologies, machine intelligence, and other enabling technologies
- Provide data management, cloud services, solution testing, and training to support an effective transformation

### The Deloitte difference

Deloitte brings a tested methodology for creating value with the “built to evolve” Kinetic Enterprise™—an intelligent, responsive, cloud-enabled organization powered by a clean core and an inclusive ecosystem of capabilities. When you work with our team to retool manufacturing, you get access to Deloitte’s deep industry-specific experience—which grows daily as we help enterprise leaders across the globe reimagine *everything* and use SAP solutions to help solve complex business challenges

1. Factories that used to make perfume, T-shirts, and cars are now making supplies to fight the coronavirus. <https://www.vox.com/the-goods/2020/4/6/21207135/factories-face-masks-ventilators-hand-sanitizer-coronavirus-manufacturing>.

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### Let's talk

If staying on top of new manufacturing demands is a priority for your organization, we should talk. Contact us to learn how we can help you retool manufacturing with SAP solutions—so you can effectively address COVID-19-related challenges as well as future waves of disruption. We can provide a demo of SAP technologies in action, share additional insights on building the Kinetic Enterprise, or discuss a specific challenge your organization is facing as you navigate the COVID-19 crisis.

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