

Dramatically improve productivity, quality and consistency

DXC Smart Factory

Benefits

- Drive cost reduction and agility with a fully automated and integrated smart factory
- Digitally transform and integrate your value chain
- Improve production volumes, quality and the customer experience
- Integrate the IT/OT dimensions of your manufacturing process by collecting machine, operator and process data
- Provide full visibility to your manufacturing processes and enable digital thread, digital twin and digital supply chain models

Deliver the financial and productivity benefits of introducing new smart manufacturing technologies in A&D.

Most aerospace and defense companies — whether they manufacture ammunition, engines, ships or aircraft — struggle with large backlogs and on-time delivery. Despite considerable IT investments, they still wrestle with the top industry challenges: collaboration, visibility, ROI and disparate systems.

As an A&D company, you undoubtedly want to accelerate your manufacturing throughput and improve quality with a well-integrated product value chain — from design, manufacturing and supply chain to aftermarket services.

You probably need to streamline processes — to transition from a linear, document-centric approach to a dynamic, digitally connected ecosystem.

Smart manufacturing can get you there fast and — at the same time — maximize your return on investment through a digitally enabled environment that provides better data, analytics and infrastructure.

The smart way to implement new technologies

DXC Technology shows you how your organization can reap the financial and productivity benefits of introducing new smart manufacturing technologies — and then helps you realize those advantages.

The DXC Smart Factory templated approach fast-tracks your agile delivery of Industry 4.0 digital manufacturing capabilities.

DXC works closely with our rich ecosystem of partners to deliver a comprehensive smart factory roadmap.

Our industry subject matter experts collaborate with your shop-floor operators and management team to make sure the capabilities deliver the best possible business benefits — a vital step during digital transformation, when culture, mindset and a proliferation of multidimensional information present challenges for everyone in the organization.

DXC Smart Factory's rich intelligence helps you capture and present key data on intelligent machine operations and human tasking — so you can more easily and effectively implement production operations, maintenance, quality and inventory processes.

The results are impressive. DXC Smart Factory has helped A&D manufacturers:

- Double manufacturing output and related revenues in 2.5 years with existing machinery and resources
- Increase on-time delivery from 40% to 95%
- Reduce work-in-progress (WIP) inventory by 15% in two months

¹ ISG Provider Lens™ Next-Gen Application Development & Maintenance (ADM) Services Global 2019 Quadrant Report, https://assets1.dxc.technology/application_services/downloads/Next-Gen_QuadRpt_Customize_Full_Global_2018_08_31_V2.pdf

- Reduce parts stock-outs by 25%
- Reduce inventory by 35%
- Reduce cost of poor quality by \$20 million over 5 years

Top-notch digital manufacturing platforms

DXC Smart Factory focuses on defining, implementing and managing your digital manufacturing platforms, and then integrating them with machines, operators and processes.

Our services draw on our deep industry expertise as we:

- Assess, design and implement smart factory roadmaps, reference architectures, process transformation (PLM, MES, SCM) and governance models
- Design and implement best-of-breed smart factory platforms, leveraging agile methodology and our vast offering portfolio in analytics, security, apps maintenance, enterprise apps — as well as our partner network (PTC, SAP, iBAsE)
- Run and maintain your operations and provide continuous support of your integrated smart factory platform
- Develop a security roadmap and implementation strategy through cyber maturity assessments and security consulting
- Deliver industrial internet of things (IIOT) and operational technology (OT) solutions leveraging our

internet of things (IoT) use cases, IT/OT integration capabilities and OT security capabilities, as well as cybersecurity tools from Palo Alto Networks and CyberX

Better business outcomes

You can start small and gradually enlarge your smart factory footprint. Each stage of implementation will deliver greater value to your manufacturing operations, ultimately leading to major improvements in output, quality and on-time delivery.

The benefits of DXC Smart Factory include:

- Product and service improvements and enhancements
- Lower total cost of operation
- Higher quality at a lower cost
- Improved customer experience and due dates

Why DXC?

DXC Smart Factory solutions leverage our strong expertise, scale, track record and partner ecosystem.

- **Experience well beyond PoCs.** We combine our deep industry experience and detailed knowledge of use cases with enterprise-scale deployments of leading A&D manufacturing execution system (MES) solutions.

- **DXC partnerships.** Our technology independence and unique approach to assessing, engaging and managing our partners allow us to quickly combine the best skills and technologies into complete solutions that leverage our partners' R&D investments.

- **Independent endorsement.** ISG, a leading global technology research and advisory firm, named DXC the 2019 ISG Provider Lens™ Leader and said: "DXC has strong industry partnerships along with presence in trending areas like IIoT and analytics."¹

- **Unique transformational change capabilities.** DXC is uniquely positioned to execute complex projects covering single or multiple geographies. Our global presence means we can easily integrate and scale multiple consulting and technology partners and assets.

Next steps

Contact us to learn how smart manufacturing can take your operations and value chain to the next level.

Learn more at
**[www.dxc.technology/
aerospace_defense](http://www.dxc.technology/aerospace_defense)**

 **Get the insights that matter.**
www.dxc.technology/optin

About DXC Technology

DXC Technology (NYSE: DXC) helps global companies run their mission critical systems and operations while modernizing IT, optimizing data architectures, and ensuring security and scalability across public, private and hybrid clouds. With decades of driving innovation, the world's largest companies trust DXC to deploy our enterprise technology stack to deliver new levels of performance, competitiveness and customer experiences. Learn more about the DXC story and our focus on people, customers and operational execution at **www.dxc.technology**.