

Fully adopt the industrial internet of things

Advisory and digital enablement services from DXC

Benefits

- Collaboratively explore how digital offerings can integrate with your workspace.
- Develop a clear roadmap that aligns with your business and IT “future state” goals.
- Rely on a trusted partner in your transformation journey.

Improve process and product efficiencies in the aerospace and defense industry with IIoT.

As an organization in the forward-thinking aerospace and defense (A&D) industry, you may have already adopted aspects of the industrial internet of things (IIoT) and experienced some of the benefits of sensor technology and automation. You may have leveraged edge computing, big data, predictive analytics, cloud and other IIoT elements to drive greater process and product efficiencies.

Now, with the convergence of digitized machine parts and improved connectivity, you have probably noticed that IIoT is gaining further momentum. Aircraft manufacturers are looking at engine fuel efficiency and ways to reduce noise and emissions. Military and commercial airlines are generating several terabytes of data every day from sensor technology on their equipment.

If managed effectively, IIoT can generate additional revenue and lead to new service opportunities. Yet only a very small portion of the acquired data is actually being used to stimulate better decision making about aircraft health and maintenance, system and component performance, and customer care. Why is that?

As you may have discovered, success in the IIoT era demands much more than connecting products and appliances.

It requires new ways of managing relationships with customers, supported by operating and business models designed and transformed specifically for an IIoT-enabled world. In short, people and companies need to work differently.

The advent of IIoT is more than a new trend. We believe it’s a once-in-a-lifetime business disruption that’s coming faster than most companies think. DXC Technology can help you turn that disruption into a digital transformation with measurable benefits for your organization.

As the trusted partner on your journey, we go beyond remastering old business models and infrastructure. Our experts help you address all of the key elemental components — vision, strategy, employee adoption, organizational change, processes, usable information, measurement metrics and technology — so you know exactly what steps you need to take. But knowing what needs to be done and getting it done are two different things — and we help you do both.

Clear roadmap

In the A&D sector, implementing IIoT isn’t so much about identifying opportunities to tackle as it is about knowing where to

start — understanding how various IIoT and digital solutions can support your business needs and provide the best possible return on investment (ROI) and organizational advantages.

With DXC Workplace and Mobility Advisory Services, your organization works with our experts to assess your business challenges and information obstacles. DXC consultants lead you through comprehensive and collaborative engagements to explore how our digital offerings can integrate within your workspace.

Using a proven methodology based on stakeholder interviews and user-group workshops, our experienced advisors, analysts and consultants help align your business and digital transformation goals to your business priorities in the desired “future state.” Our consultants help you identify and quantify the benefits you hope to achieve. The outcome is an actionable digital transformation roadmap with strategic recommendations, project initiatives and estimated deliverable timelines.

We have helped companies address a range of technical and business challenges, including organizations wrestling with:

- Infrastructure simplification and standardization of frameworks
- Incomplete aircraft build orders, resulting in huge backlogs
- Difficulties in implementing IIoT
- Incorporating machine part traceability

A&D clients have found that key benefits from IIoT include:

- Ability to monitor aircraft maintenance and health
- Ability to tweak aircraft design and functionalities based on behavior during use
- Real-time identification of quality issues
- Quick and easy delivery of software/firmware updates
- Improvement of factory/worker operational efficiencies
- Enriched designs and manufacturing environments
- Easy (and rapid) incident tracking and traceability of worker issues or machine faults

Why DXC?

Knowledge. DXC understands traditional IT operations and strategies for a modern enterprise. Our technical and industry knowledge enables us to create digital business solutions that turn your legacy environment into a modern enterprise.

Experience. DXC brings a comprehensive set of industry-leading intellectual property, frameworks and methodologies that have evolved over more than four decades of experience in addressing client business objectives. The unmatched breadth of our product and service offerings, experienced digital advisors, specialized SMEs for the A&D industry sector, and global delivery capabilities enable us to bring you a superior advisory service.

About DXC Technology

DXC Technology [DXC: NYSE] is the world’s leading independent, end-to-end IT services company, serving nearly 6,000 private and public-sector clients from a diverse array of industries across 70 countries. The company’s technology independence, global talent and extensive partner network deliver transformative digital offerings and solutions that help clients harness the power of innovation to thrive on change. DXC Technology is recognized among the best corporate citizens globally. For more information, visit dxc.technology.

Partnerships. Industry-leading technology partnerships with major contractors and vendors enable us to provide extensive architectural and operational insight that most outsourcing partners lack.

Accountability. DXC brings comprehensive accountability to every aspect of the workplace journey, including advisory, transformation and management services. Count on us as a single partner to cover infrastructure, applications and operations every step of the way.

Technology agnostic. DXC Digital Workplace and Mobility Advisory services are based on open standards and multiple partnerships. We recommend the solution that best meets your specific workplace business goals.

Next steps to take

Engage our team of experts to help you develop your transformational roadmap, and you’ll know what to expect and when to expect it. Then, implement the plan yourself or let DXC to help you deliver it using agreed-upon metrics to measure progress and the business value returned.

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