



Prepared by

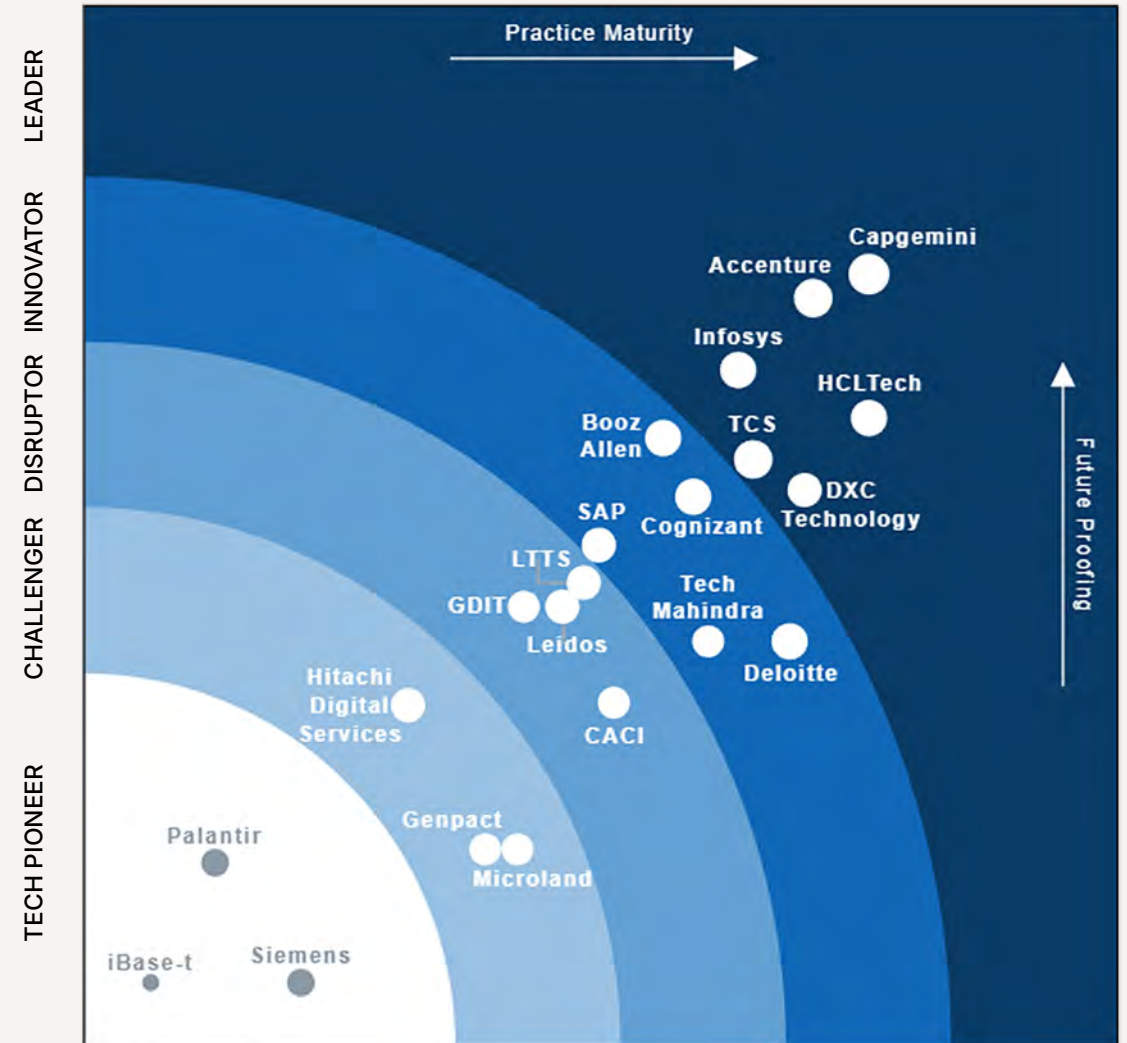
AVASANT

Aerospace and Defense Digital Services 2025–2026 RadarView™

DXC profile



Avasant recognises 21 top-tier providers supporting the Aerospace and Defence industry in digital transformation



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Bubble size indicates Innovation Index

Note: Please refer to Avasant's *Aerospace and Defense Digital Services 2025–2026 Market Insights* for detailed insights on demand-side trends.

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DXC Technology: RadarView profile



Practice maturity



Future proofing



Provides engineering-to-sustainment solutions, sovereign AI and automation platforms, and defence-grade innovation labs that enable secure, compliant, and AI-driven modernisation.

Practice overview

- Practice size: ~10,000
- Active clients: N/A
- Delivery highlights: Secure delivery centres in 12 countries

\$1B-\$2B

Revenue from A&D industry segment, FY 2025

>60%

Digital revenue share from A&D industry, FY 2025

Industry-specific solutions/offerings

DXC Secure Sovereign AI Platform

An on-premises AI environment that ensures data sovereignty and compliance with *ITAR/EAR

VisionIQ

An AI platform that uses digital twin and vision analytics for monitoring and simulation of A&D operations

DXC Platform X™

An AI-driven platform for predictive maintenance, anomaly detection, and autonomous decision-making

DXC AI governance and responsible AI framework

A solution that ensures responsible AI usage across defence programmes, with traceability and compliance

Sample clients

- A defence vehicle manufacturer
- A European A&D aftermarket service provider
- A global aerospace manufacturer
- A global defence systems manufacturer

Partnerships/alliances

SIEMENS

Used its platforms to integrate PLM and MES for A&D digital thread and smart factory enablement



Implemented its technology for IoT-based asset performance monitoring in defence programmes



Deployed its MES for ITAR-compliant A&D manufacturing, supported by a large SI practice



Integrated its AtomSphere with DXC's AI stack to automate data flows between A&D systems



Used its platform to enable model-based engineering and virtual twin development for defence systems



Used S/4HANA and SAP Ariba for procurement transformation and ERP modernisation in A&D



Partnered for GovCloud-based hosting and AI workloads for sovereign cloud operations



Supported multicloud analytics under controlled environments for cross-domain operations

Value chain coverage

Product engineering/design

Manufacturing

Procurement and supply chain

Aftermarket

Business operations

Darker colour indicates higher industry concentration: ●●●●●

*ITAR/EAR: International Traffic in Arms Regulations/Export Administration Regulations

DXC Technology: RadarView profile

Case studies

Client	Capability	Summary	Business impact
A global defence systems manufacturer	• Analytics	• The client wanted to integrate an acquired business unit's IT systems into its enterprise standards and modernise its physical datacentre to improve security, performance, and scalability. • DXC built a new physical datacentre infrastructure and migrated applications, data, and middleware to a standardised enterprise environment. It aligned all workloads with governance and compliance needs, including ITAR and future Cybersecurity Maturity Model Certification (CMMC) standards.	• Unified IT environment, enabling smooth business integration • Improved workload performance, security, and compliance • Cost optimisation through consolidation and modernisation
A defence vehicle manufacturer	• AI	• The client, divesting from an aircraft company, needed to separate its IT operations, establish independent systems, and maintain continuity across critical business functions. • DXC conducted an M&A assessment, designed a de-entanglement and divestiture plan, and executed the transition to a standalone IT operating model. It implemented ERP, iPaaS, data, and AI-based applications to support manufacturing, supply chain, and business operations.	• Enabled complete separation from parent company with operational continuity • Established an independent and compliant IT and application environment
A European A&D aftermarket service provider	• Analytics • AI	• The client wanted to better plan parts, tools, and labour requirements, improve turnaround predictability, and optimise pricing for aftermarket operations. • DXC developed and implemented AI and data analytics solutions using cloud-based Python applications and agile methodology, enabling predictive planning and data-driven pricing decisions while complying with National Defence Export Controls and GDPR data sovereignty requirements.	• Improved accuracy of turnaround time predictions • Optimised repair pricing and parts availability • Enhanced operational efficiency across supply chain and aftermarket services
A global aerospace manufacturer	• Automation	• The client wanted to gain real-time visibility into production performance across multiple German facilities. • DXC applied an agile POC approach to connect production machinery across four sites. It integrated operational technology systems for data aggregation and used Splunk for data processing, visualisation, and automated overall equipment effectiveness dashboards.	• Connected 50 machines to transmit real-time performance data • Automated OEE calculation and visualisation for each machine • Improved collaboration between IT and maintenance departments

DXC Technology: RadarView profile

Analyst insights

Practice maturity



- DXC provides integrated digital engineering, manufacturing, and sustainment support across aerospace, defence, and space programmes. Its capabilities extend from secure infrastructure and life cycle systems to digital thread and model-based enterprise delivery for engineering and mission operations.
- It actively supports Aerospace and Defence manufacturing, helping OEMs and defence organisations with IT/OT modernisation, secure cloud operations, and mission readiness. It works towards supporting defence programmes and European aerospace enterprises in driving digital continuity initiatives.
- It leverages platforms such as Secure Sovereign AI and VisionIQ to embed automation, compliance, and visibility in engineering and operational environments.
- It uses AI for predictive maintenance, digital inspection, and cyber operations across production and mission systems. Through AI-enabled planning, autonomous security operations centre, and private AI deployments, it enhances readiness, reduces downtime, and ensures compliance within defence-grade networks.
- It supports sustainability through modernisation of data centre and manufacturing infrastructure, improving energy efficiency and operational resilience. Its ESG-aligned reporting and digital traceability capabilities help A&D clients monitor emissions, resource usage, and compliance with environmental mandates.

Future proofing



Partner ecosystem

- DXC partnered with 7AI to embed autonomous AI agents into its global security operations centres, automating threat detection, investigation, and response. For A&D clients, it strengthens cyber defence for systems, reducing incident response time and ensuring compliance with standards.
- It integrates Boomi's AI-driven automation and data orchestration tools to accelerate modernisation and agentic AI deployment, enabling seamless system integration across engineering, supply chain, and maintenance environments, supporting scalable, secure AI adoption in regulated operations for A&D clients.
- It supports innovation by partnering with over 25 niche A&D SMEs through its global SME innovation network.

Investments and innovation

- DXC continues to invest in sovereign and defence-grade innovation hubs, including its Farnborough A&D lab (UK), Böblingen AI lab (EU), and Puerto Rico/NOLA facilities (US). These labs focus on codeveloping digital twin, smart manufacturing, and secure AI solutions. They enable applied research, prototype testing, and compliance validation for mission-critical Aerospace and Defence programmes.
- It strengthens its A&D delivery through training centres and certification programmes that upskill engineers in areas such as digital engineering, cybersecurity, AI governance, and ITAR-compliant operations. These ensure a defence-ready talent pipeline aligned with evolving regulatory and technology requirements.



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