# Aerospace and Defense Digital Services 2025–2026 RadarView™

## DXC profile

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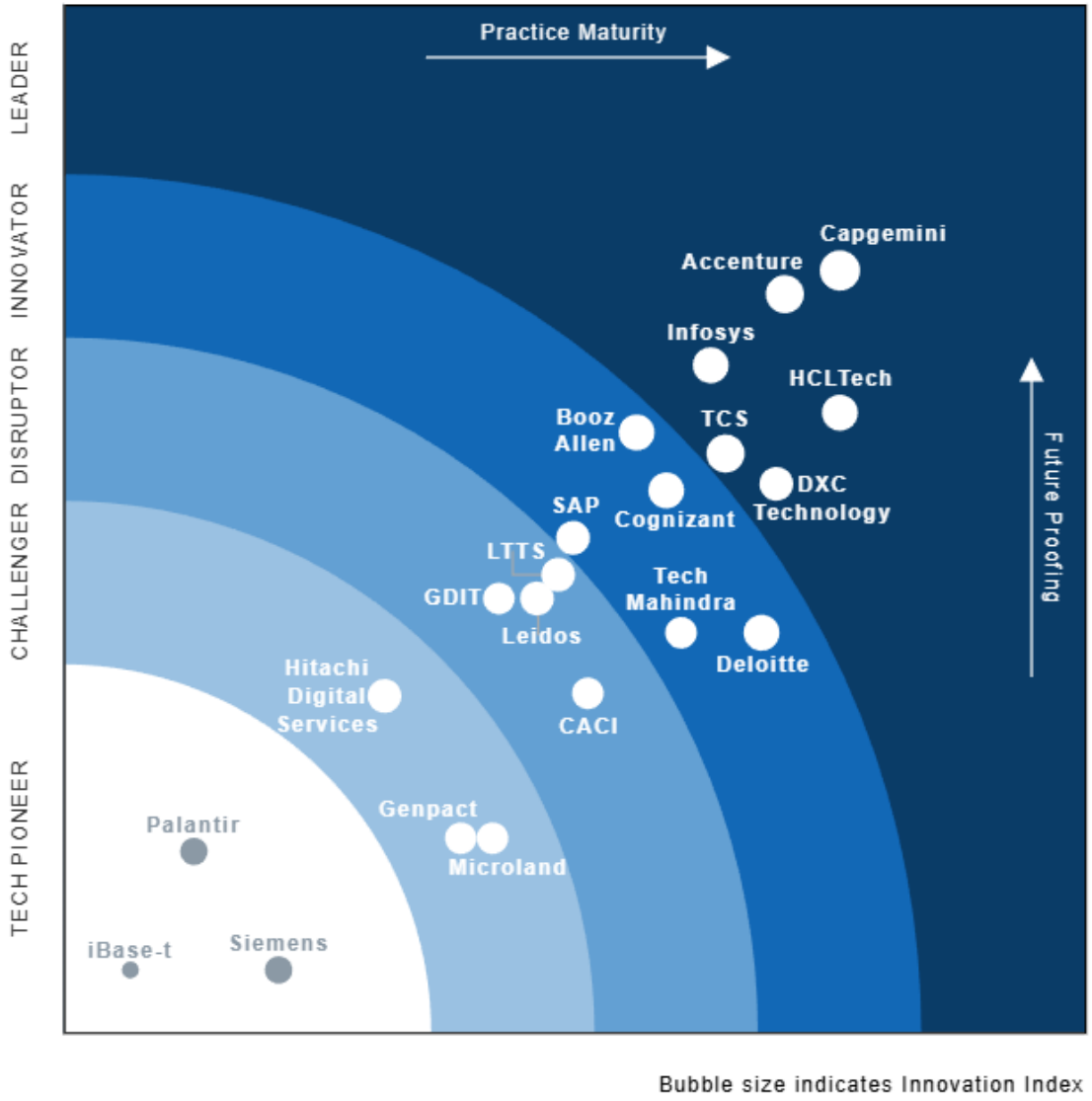
# Avasant recognizes 21 top-tier providers supporting the Aerospace and Defense industry in digital transformation




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 defense-grade innovation labs that enable secure, compliant, and AI-driven modernization.

## Practice overview

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

| $1B-$2B | >60% |
|---|---|
| Revenue from A&D industry segment, FY 2025 | 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 defense programs, with traceability and compliance |

## Sample clients

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

## Partnerships/alliances

| | |
|---|---|
| SIEMENS | Used its platforms to integrate PLM and MES for A&D digital thread and smart factory enablement |
| ptc | Implemented its technology for IoT-based asset performance monitoring in defense programs |
| iBASEt | Deployed its MES for ITAR-compliant A&D manufacturing, supported by a large SI practice |
| boomi | Integrated its AtomSphere with DXC's AI stack to automate data flows between A&D systems |
| DASSAULT SYSTEMES | Used its platform to enable model-based engineering and virtual twin development for defense systems |
| SAP | Used S/4HANA and SAP Ariba for procurement transformation and ERP modernization in A&D |
| aws | Partnered for GovCloud-based hosting and AI workloads for sovereign cloud operations |
| Google Cloud | 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 color indicates higher industry concentration:

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



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## Case studies

| Client | Capability | Summary | Business impact |
|---|---|---|---|
| A global defense systems manufacturer | • Analytics | • The client wanted to integrate an acquired business unit's IT systems into its enterprise standards and modernize its physical datacenter to improve security, performance, and scalability.<br>• DXC built a new physical datacenter infrastructure and migrated applications, data, and middleware to a standardized 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<br>• Improved workload performance, security, and compliance<br>• Cost optimization through consolidation and modernization |
| A defense 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.<br>• 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<br>• Established an independent and compliant IT and application environment |
| A European A&D aftermarket service provider | • Analytics<br>• AI | • The client wanted to better plan parts, tools, and labor requirements, improve turnaround predictability, and optimize pricing for aftermarket operations.<br>• 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 Defense Export Controls and GDPR data sovereignty requirements. | • Improved accuracy of turnaround time predictions<br>• Optimized repair pricing and parts availability<br>• 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.<br>• 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, visualization, and automated overall equipment effectiveness dashboards. | • Connected 50 machines to transmit real-time performance data<br>• Automated OEE calculation and visualization for each machine<br>• Improved collaboration between IT and maintenance departments |

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## Analyst insights

### Practice maturity ★★★★★

- DXC provides integrated digital engineering, manufacturing, and sustainment support across aerospace, defense, and space programs. 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 Defense manufacturing, helping OEMs and defense organizations with IT/OT modernization, secure cloud operations, and mission readiness. It works toward supporting defense programs 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 center, and private AI deployments, it enhances readiness, reduces downtime, and ensures compliance within defense-grade networks.
- It supports sustainability through modernization of data center 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 centers, automating threat detection, investigation, and response. For A&D clients, it strengthens cyber defense for systems, reducing incident response time and ensuring compliance with standards.
- It integrates Boomi's AI-driven automation and data orchestration tools to accelerate modernization 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 defense-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 Defense programs.
- It strengthens its A&D delivery through training centers and certification programs that upskill engineers in areas such as digital engineering, cybersecurity, AI governance, and ITAR-compliant operations. These ensure a defense-ready talent pipeline aligned with evolving regulatory and technology requirements.

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