



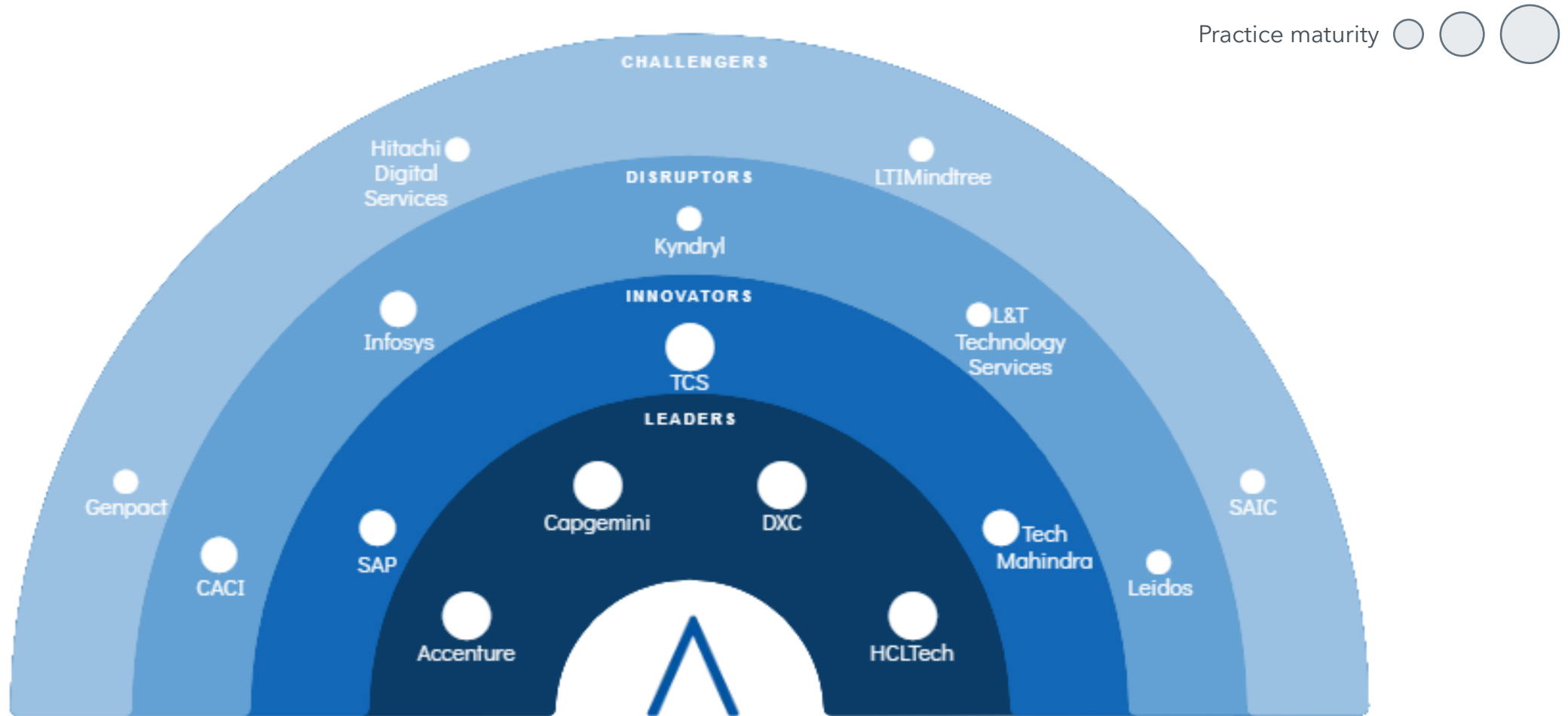
Aerospace and Defense Digital Services 2023-2024 RadarView

Service Provider Profile

December 2023



Avasant recognizes 16 top-tier service providers supporting the aerospace and defense industry in digital transformation



Note: Please refer to Avasant's *Aerospace and Defense Digital Services 2023-2024 Market Insights* for a detailed analysis of the enterprises and demand-side trends.

DXC Technology: RadarView profile



Practice overview

- Practice size: 10,000+
- Active clients: N/A
- Delivery highlights: 40+ global delivery centers

\$1B-\$2B Revenue from A&D industry, FY 2022	40%-60% Digital revenue share from A&D industry, FY 2022
--------------------------------------------------------	--------------------------------------------------------------------

Industry-specific solutions/offerings

DXC Platform X™	An intelligent automation platform to deliver self-healing IT capabilities
DXC Uptime™	An AI-integrated platform that provides simplified and centralized modern workplace offerings
Compliance Data eXchange (CDX)	A SaaS solution for product data management and supply chain communications
DXC Secure Hybrid Cloud	A hybrid cloud offering to provide private and public cloud hosting capabilities in the UK region

Sample clients

- A commercial aircraft manufacturer
- A defense, security, and aerospace company
- A global aircraft OEM
- A global shipbuilding company
- An aeronautics customer
- A UK-based military provider

Practice maturity ★★★★★

Investments & innovation ★★★★★

Partner ecosystem ★★★★★

Partnerships/alliances

Leveraged its capabilities to deliver product development and smart manufacturing solutions	Delivered joint solutions to provide hybrid cloud offerings
Delivered platform transformation engagements to industry clients on its platform	Used its platform to deliver DXC Secure Hybrid Cloud solutions
Utilized its platform to deliver digital thread through CAD, PLM, and IoT technologies	Leveraged its platform to deliver manufacturing operations management and MES solutions
Leveraged its platform to drive innovation for complex manufacturing environments	Used its platform to automate and optimize workflows and processes

Value chain coverage

Product engineering/design
Manufacturing
Procurement and supply chain
Aftermarket
Business operations

Delivers manufacturing, MRO, hybrid cloud, and workplace modernization services leveraging Industry 4.0 and its partnership with hyperscalers.

Darker color indicates higher industry concentration: ●●●●●

Case studies

Client	Capability	Summary	Business impact
A defense, security, and aerospace company	<ul style="list-style-type: none"> • Analytics • IoT 	<ul style="list-style-type: none"> • The client faced factory performance issues, running below target with low machine utilization. • DXC developed a smart factory solution integrating Industry 4.0 digital technology capabilities and implementing on-premises IT infrastructure and IoT platform capabilities. It enabled data connectivity for over 184 industrial assets and machines and integrated analytics on the factory floor to enable real-time monitoring of machines. 	<ul style="list-style-type: none"> • Increased overall equipment effectiveness • Doubled production output • Improved mean time to repair
A UK-based military provider	<ul style="list-style-type: none"> • Cloud 	<ul style="list-style-type: none"> • The client wanted to modernize and migrate its business-critical applications to end its dependence on complex and end-of-service-life IT infrastructure. • DXC migrated over 141 core business applications to the private cloud. It established a reliable IT infrastructure with minimum business downtime for highly critical applications throughout the migration process. 	<ul style="list-style-type: none"> • Reduced IT operations costs • Eliminated dependence on end-of-service-life IT infrastructure • Enabled IT infrastructure scalability basis demand
A commercial aircraft manufacturer	<ul style="list-style-type: none"> • Cloud • Cybersecurity 	<ul style="list-style-type: none"> • The client wanted to accelerate the aircraft design process by modernizing design applications and enabling application migration to AWS. • DXC migrated CAD Workers, an application to transform 2D designs into 3D, to AWS. It leveraged AWS autoscaling, compute, storage, and security technologies. DXC has also agreed to help the client meet its goal of delivering 10,000 aircraft over ten years. 	<ul style="list-style-type: none"> • Increased infrastructure flexibility by 30% • Enabled cost savings of \$1.1M
An aeronautics customer	<ul style="list-style-type: none"> • IoT 	<ul style="list-style-type: none"> • The client wanted to modernize its manufacturing operations by integrating Industry 4.0 initiatives. • DXC helped the client overhaul its four business-critical systems: manufacturing execution system (MES), enterprise systems product life cycle management (PLM), enterprise resource planning (ERP), and industrial IoT. It also provided simplified integration between PLM, manufacturing, and maintenance, repair, and overhaul (MRO) functions. 	<ul style="list-style-type: none"> • Reduced operations costs • Improved agility and production performance

DXC Technology: RadarView profile



Analyst insights

Practice maturity



- DXC is a significant player in the defense sector, generating over 50% of the A&D segment's total revenue share. The company serves a diverse portfolio of more than 30 defense clients. Additionally, they are compliant with Export Administration Regulations (EAR), International Traffic in Arms Regulations (ITAR), and General Data Protection Regulation (GDPR), demonstrating their capability to cater to defense projects across geographies.
- It has a robust presence in the European market, generating more than 49% of its total A&D revenue. Moreover, about 30% of the A&D workforce is dedicated to serving European clientele.
- DXC demonstrates proficiency in providing manufacturing services to various client segments, including commercial aviation, surface defense, and shipbuilding industries. They specialize in large-scale Industry 4.0 transformations, offering innovative solutions such as digital thread, shipyards of the future, factories of the future, and smart aerospace factories.
- It has a strong portfolio of digital engineering services catering to its A&D clients. It further strengthened its portfolio by acquiring Luxoft in 2019.

Investments and innovation



- DXC has made strategic investments in its nearshore ITAR Development and Support center in Puerto Rico, ensuring compliance with regulatory requirements while supporting mission-critical programs. Additionally, the company has established nearshore ITAR training centers in collaboration with partners such as NVIDIA, iBase-t, and IFS. This initiative aims to provide a highly skilled workforce proficient in ITAR regulations and specialized technologies to meet the specific needs of its A&D customers.
- It collaborates with ARENA2036, a prominent European research program, for active engagement in R&D projects. This partnership is instrumental in driving DXC's initiatives related to the factory of future projects that play a pivotal role in A&D manufacturing.

Partner ecosystem



- DXC partners with multiple technology companies to provide implementation services for their PLM platforms, including Siemens Teamcenter, Dassault Systèmes ENOVIA, and PTC Windchill.
- It collaborates with large technology companies to leverage their platforms and deliver industry-specific services. It partners with ServiceNow for service management capabilities, Dassault Systèmes for manufacturing operations management capabilities, and iBase-t for manufacturing execution systems capabilities. It also partners with SAP and Oracle to deliver ERP transformation engagements to A&D clients.
- It has a robust partner network of cloud platform companies — AWS, Microsoft, and GCP — to deliver cloud transformation engagements to A&D clients.

AVASANT



Empowering Beyond

GET CONNECTED



www.Avasant.com