CYIENT

POWERING AEROSPACE GROWTH THROUGH ENGINEERING EXCELLENCE

25	80^{MN}	250	2,600	110

25 Years of Experience | **80**MN Hours of Engineering | **250** Design Concepts Proposed | **2,600** Engineers with A&D Expertise | **110** Cyient-Owned & Co-patents Filed

Aerospace and defense organizations today face unprecedented pressure to innovate faster, operate more efficiently, and meet rising sustainability and regulatory demands. From electrification and autonomy to lifecycle digitization, the industry is undergoing a fundamental shift—and success depends on finding the right engineering partner.

Stay ahead in a fast-evolving industry with Cyient—India's leading **Design-to-Build** and **DAL-A** Systems partner. With 25+ years of domain expertise, we power innovation, accelerate digital transformation, and drive sustainability across the A&D value chain.

30% of the world's fuel-efficient engines engineered by us

10% boost in service revenue through digital aftermarket solutions

Proven expertise in **aircraft electrification and autonomous product design**

Focus Areas

Defense
Cyient's global expertise and ITAR-compliant centres ensure military airworthiness design.

Aftermarket
With 33 million hours of expertise, our aftermarket engineering boosts OEM profitability using analytics.

Digital
Industry-focused solutions that transform operations improve performance and enhance customer experiences.

UAM
End-to-end support to accelerate your UAM journey with intelligent engineering and innovation.

Why Choose Us?

Digitalized Engineering to Cut Costs – Streamlined processes reduce NRE/RE spend and boost efficiency.

Hyper Automation for Faster Delivery – Advanced automation accelerates time-to-market without compromising quality.

Aftermarket Servitization for Higher CX & Revenue – Data-driven support reduces downtime and enhances customer satisfaction.

Sustainable, Future-Ready Solutions – Focus on electrification, autonomy, and eco-friendly innovation.

End-to-End Capabilities That Go the Distance

Avionics
- System Engineering
- Electronics Board Design
- ASIC/FPGA
- Embedded Software
- Platform Integration
- Rapid Proto
- PCBA Build and Test
- Obsolescence Management

Engines
- System Engineering
- Combustors
- Compressors & Turbines
- Fans
- Nacelles
- Design and Drafting
- Engine Testing
- Thermal Management Services

Structures
- Wing Structure
- Fixed Trailing Edge
- Vertical & Horizontal Tail
- Flaps
- Slats
- Aileron
- Fuselage
- Empennage

Interiors
- Seats
- Sidewall/Ceiling
- Hatrack (Overhead bin)
- Door & Door Frame
- Crew Rest Compartment
- Cabin Avionics
- Galleys
- Curtains & Partitions

From Design to Deployment: Innovation at Every Stage

Digitize Engineering Design

- **Transform design** with MBSE, PLM, and MBD
- **Accelerate time to market** and streamline development
- **Cut NRE/RE costs** with V&V and Testing as a Service
- **Boost automation** using RPA and Gen AI
- **Enhance compliance traceability** across the product lifecycle

Scale Industry 4.0 Solutions

- **Scale operations** with Industry 4.0 solutions
- **Boost efficiency** through MOM, IoT, and asset management
- **Ensure connectivity & security** with wireless networks and cybersecurity
- **Integrate insights** with digital thread

and digital twin technologies

Aftermarket Servitization

- **Enhance customer value** through transformed user journeys
- **Reduce downtime** with predictive maintenance
- **Optimize MRO** using smart contracts and spare parts forecasting
- **Improve reliability** with RAMS analysis

Develop Intelligent Products

- **Strengthen market presence** with system and platform engineering
- **Accelerate innovation** through SDx, cloud, connectivity, data, and AI
- **Enable smart products** with ASIC and FPGA expertise
- **Support aero OEMs** in meeting stringent industry standards

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Intelligent Solutions. Proven Results.

Gen AI-Based Self-Service Customer Support

Cyient's LLM reduces queries by 40% and resolves 90% of issues—now scaling across product lines.

Software-Defined Smart Power Distribution

Cyient's solid-state power solution modernizes boosts durability, cuts downtime, and enables autonomous health checks—meeting top safety standards.

Enabling Eco-Friendly Engine Innovation

Cyient's next-gen aero engine cuts fuel burn by 16%, emissions by 50%, and noise by 75%—driving sustainable aviation forward.

Risk-Sharing Partnership for Aftermarket Digital Transformation

Cyient digitized overhaul cycle extensions—boosting revenue by 28%, streamlining payments, enhancing CX, and automating across existing IT systems with minimal risk.

Test Automation Platform for Flight Attendant Panel

Cyient's CyFast streamlines High-Speed Integration Testing (HSIT) for the Flight Attendant Panel (FAP), ensuring results are validated in seconds and enhancing hardware testing efficiency.

About Cyient

Cyient (Estd: 1991, NSE: CYIENT) delivers intelligent engineering solutions across products, plants, and networks for over 300 global customers, including 30% of the top 100 global innovators. As a company, Cyient is committed to designing a culturally inclusive, socially responsible, and environmentally sustainable tomorrow together with our stakeholders.

For more information, please visit www.cyient.com

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