

CYIENT

ENGINEERING SOLUTIONS FOR THE COMMERCIAL AEROSPACE INDUSTRY

How we work with our clients to help overcome challenges for a better tomorrow

Engineering Globalization is More Than Just Labor Arbitrage

The aerospace industry is looking to build an agile business model that responds to the dynamic and cyclical nature of demand.

Moreover, the industry is moving towards an era of horizontal specialization, where original equipment manufacturers (OEMs) and service suppliers tightly integrate functions—such as engineering, manufacturing, and customer support across multiple locations. Global product development is a key element of such a flexible and scalable business model.

At Cyient, we leverage a Global Collaborative Engineering (GCE) approach to help aerospace manufacturers innovate and build sustainable competitive advantage, while enhancing their core competencies and protecting intellectual property.

Value Proposition

- Reduce the total cost of engineering
- Increase flexibility in capacity
- Accelerate time-to-market
- Improve access to emerging markets
- Meet civil offset obligations

Proven Leadership in End-to-End Global Aerospace Engineering Solutions

Cyient is tightly integrated in the global aerospace supply chain through mature relationships with OEMs and Tier-1 suppliers. Our key differentiator is a strong product development experience in airframes, engines and avionics programs for commercial and military aviation organizations.

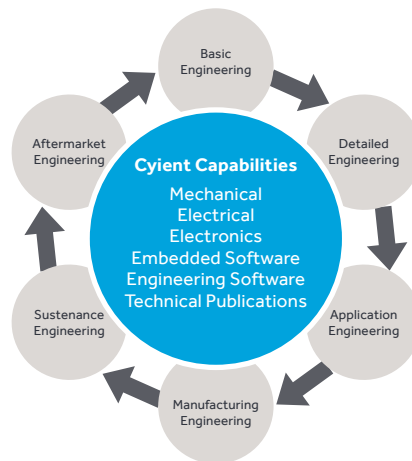
We are recognized as the leading engineering partner to the global aerospace industry. Our engineers are positioned to effectively

serve the aerospace industry in areas such as product design and development, avionics, embedded systems, and engineering IT.

KEY DIFFERENTIATORS

- Leading transformation programs for three of the top ten A&D OEMs
- 32 million hours of aerospace engineering experience
- End-to-end shared innovation partner
- Innovation through cost, weight, and part count optimization
- Flexible engagement models ensure lower total cost of ownership
- Mature process framework—compliant with AS9100C, ITAR, EAR, ISO 9001:2008, and ISO 27001

OUR SOLUTIONS COVER AEROSPACE SEGMENTS ACROSS THE DEVELOPMENT LIFE CYCLE



Systems



Engines



Structures



Avionics



Interiors

Functional Offerings

Mechanical

- Design (Concept, PDR, CDR)
- Structural analysis
- Design optimization
- Test engineering
- Concession/ ELR support
- Performance analysis

Manufacturing Engineering

- Assembly and process planning
- Tool design
- NC programming and verification
- FAI report preparation
- Manufacturing transition services
- Should cost services

Software, Systems and Electronics

- Embedded and application software development
- Verification and validation

Aftermarket Services

- Technical publication
- Document management
- Cabin refurbishment
- Passenger-to-Freighter (P2F) engineering development
- Repair engineering

Areas of Engagement

Engines

- Compressor
- Turbine
- Casing and cowling
- Nacelle and externals

Structures

- Wing structures
- Fuselage
- Empennage

Interiors

- Seating systems
- Lighting systems
- Galleys and cabin equipment
- Floor-to-floor cabin structures

Avionics

- Flight management systems
- Cockpit display and navigation
- Communication systems

Systems

- Electrical systems
- Environmental control systems
- Actuation systems
- Landing gear

About Cyient

Cyient (Estd: 1991, NSE: CYIENT) provides engineering, manufacturing, geospatial, network and operations management services to global industry leaders. We leverage the power of digital technology and advanced analytics capabilities, along with our domain knowledge and technical expertise, to help our clients solve complex business problems. As a Design-Build-Maintain partner that takes solution ownership across the value chain, we empower our clients to focus on their core, innovate, and stay ahead of the curve.

Relationships lie at the heart of how we work. We partner with organizations in ways that best suit their culture and requirements. With nearly 14,000 employees in 21 countries, we combine global delivery with proximity to our clients, functioning as their extended team. Our industry focus spans aerospace and defense, medical, telecommunications, rail transportation, semiconductor, utilities, industrial, energy and natural resources.

Follow news about the company at www.twitter.com/cyient

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