

HCLTech

Supercharging the Future of Aerospace and Defense

Intelligent | Connected | Sustainable





30+ Years

of A&D engineering & technology experience



Partner Ecosystem

Enabling customers to unlock growth opportunities and accelerate digital transformation



4,000+

engineers and SMEs working on diverse A&D initiatives



60+

Countries



8/10 of the top

OEMs are our partners



8/10 of the top

Tier 1s are our partners



7

ITAR-compliant centers in the USA

Pivoting the evolution of the Aerospace and Defense (A&D) industry

Moving beyond the global disruption, the A&D industry is evolving at a rapid pace. However, with this shift, the industry is also grappling with new sets of challenges like talent shortages, supply chains, and digital transformation. A&D organizations are rethinking their strategies in order to align with the changing travel patterns, evolving mobility ecosystem, supply chain readiness, intensified focus on sustainability, and changing industry mix.

Powering A&D transformation through engineering excellence

With 30+ years of industry experience, we at HCLTech empower A&D enterprises to launch new business models, be agile and enhance customer experiences. We harness our Engineering DNA to transform the products they make and how they make them, through model-based development, extreme automation, operational agility, and IT-OT integration powered by Industry 4.0. We also support these products beyond the development phase.

We enable A&D enterprises to drive optimum impact and open new revenue streams by leveraging digital technologies such as Model-Based Engineering, Cloud, AI/ML, and IoT, to name a few. At HCLTech, we are committed to helping enterprises build sustainable products that are digitally enabled and secure.

Transformative services and solutions

Accelerating the pace of innovation in Aerospace and Defense



Core engineering

- New product design and development
- Sustenance engineering/VE
- Product cost management (PCM)
- Turnkey testing and certification
- Test lab set up and operations
- Manufacturing engineering services
- Supplier qualification and management
- Technical documentation
- Repair engineering & field services



Digital engineering

- Connected systems
- Connected cargo
- Data engineering
- Data analytics
- Cloud, IOT, AI/ML
- Cybersecurity
- Digital manufacturing/ industry 4.0
- Digital thread/ digital twin



Operational technologies

- NextGen PLM
- MES/ MOM
- Field support
- GHG emissions management solution

Catalyzing transformation across the Aerospace and Defense ecosystem

From the ground to the air and into space, our engineering expertise helps clients across commercial and defense segments accelerate transformation

Commercial



Large Transport, Business, Regional



eVTOL/UAM



Airports & Airlines

Defense



Air & Space

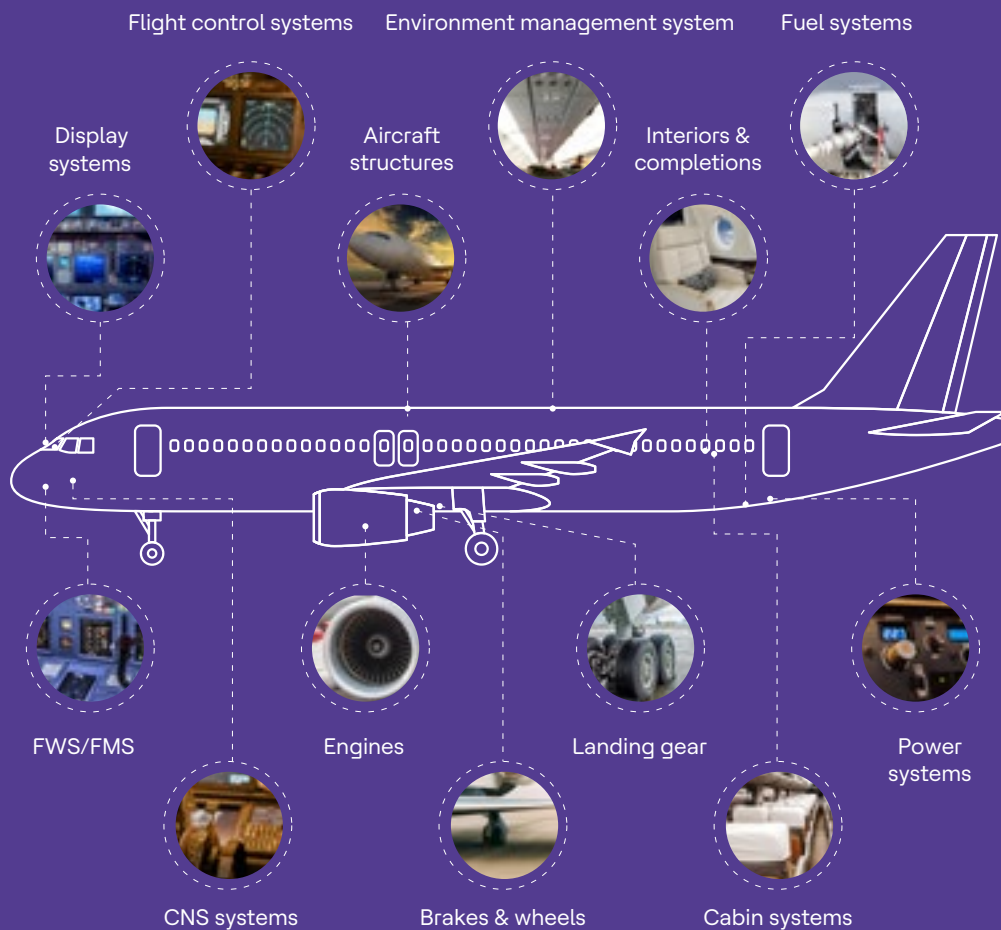


Missiles

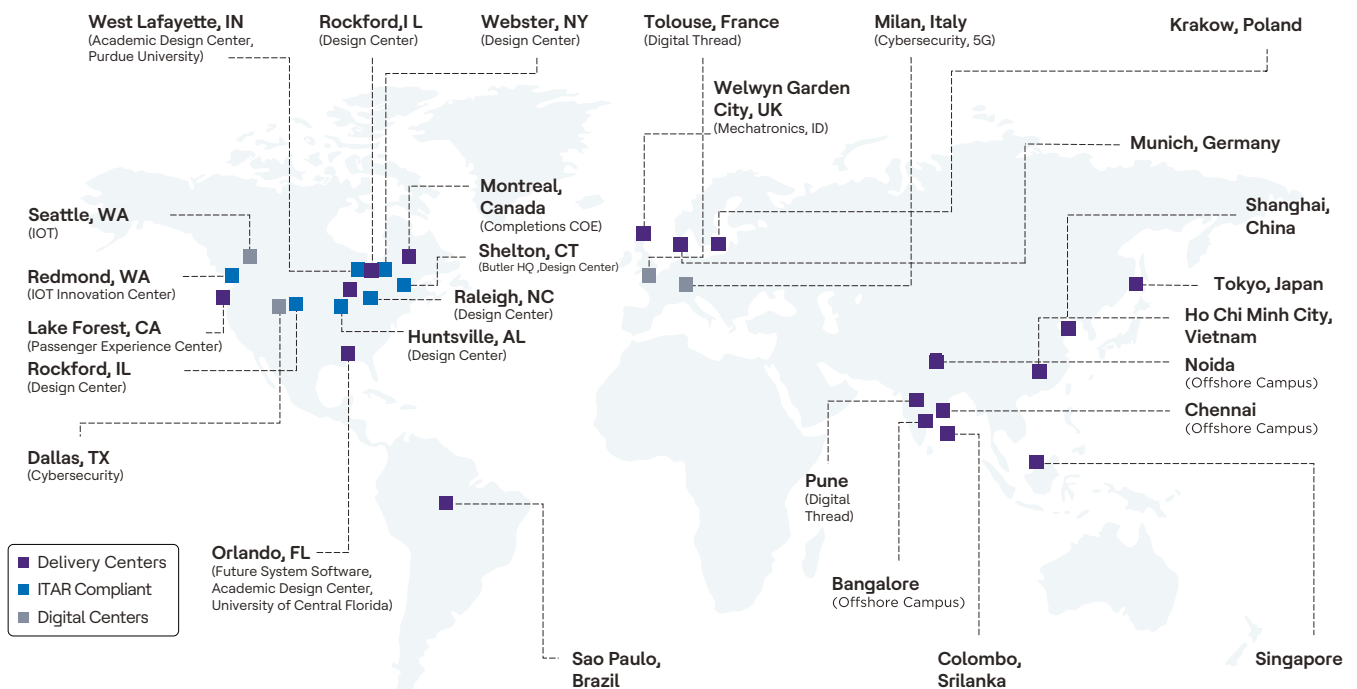


C4ISR

Bringing extensive domain experience to your A&D programs



A robust ecosystem of Design and Digital Innovation Centers





Recognized as a leader in Engineering and R&D Services

by leading Research and Consulting Firms



Zinnov

Zinnov Zones Engineering R&D Services

2022

ISG

ISG Providers Lens™ Digital Engineering Services – Design & Development (Product, Service, Experience)

2022

Everest Group

Everest Group Digital Twin Services
PEAK Matrix® Assessment

2022

IDC

IDC MarketScape Worldwide Manufacturing PLM Systems Integrator and BPO Services Vendor Assessment

2022

Success stories cementing our expertise

Turnkey product development solution for Auxiliary Fuel Control Unit for a leading Aerospace tier-1 supplier



Digitally enhanced engineering enabled by a Model-based Digital Thread for a **Defense OEM**



Multi-discipline end-to-end project-based design support across the entire program lifecycle for a leading **Defense OEM**



Fast provisioning of agile, scalable, and reliable cloud infrastructure for a US Aerospace Startup in **eVTOL space**



Digital transformation strategy roadmap, flipping the odds of success for an **Aero-engine Manufacturer**





The HCLTech advantage

Expertise across industry verticals

Cross pollination of technology solutions and best practices that are converging into A&D vertical from adjacent verticals

Flexible engagement models

Technology focused business structures that enable us to build innovative customer centric business models

Portfolio of technology-led solutions

Rich portfolio of solution accelerators, IPs and best practices to accelerate RoI

Investments in innovation

Proactively developing next-gen capability through investments in labs and CoEs

End-to-end offerings

With expertise in digital, engineering, and cloud, we deliver solutions that fulfill the traditional, transformational and future needs of clients across the globe

Ecosystem of partners

Strategic alliances with leading technology providers, industry consortiums, and start-ups to create special value for our clients today and to innovate for the future



HCLTech | Supercharging Progress™

HCLTech is a global technology company, home to 225,900+ people across 60 countries, delivering industry-leading capabilities centered around digital, engineering and cloud, powered by a broad portfolio of technology services and products. We work with clients across all major verticals, providing industry solutions for Financial Services, Manufacturing, Life Sciences and Healthcare, Technology and Services, Telecom and Media, Retail and CPG, and Public Services. Consolidated revenues as of 12 months ending March 2023 totaled \$12.6 billion. To learn how we can supercharge progress for you, visit hcltech.com

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