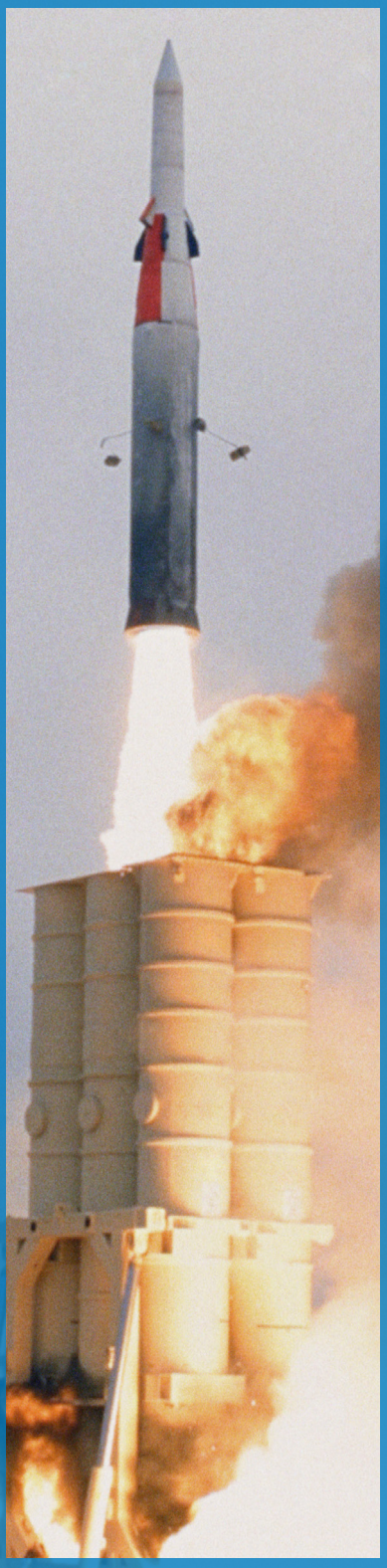
ACCELERATE YOUR ENTERPRISE JOURNEY WITH INFOSYS AND IFS

Infosys cobalt



Infosys®
Navigate your next

Infosys has a Platinum partnership with IFS and a strong alliance with a vision to help Aerospace and Defense enterprises achieve high user satisfaction, maximize data integrity, reduce cost of ownership and achieve high performance.

The Aerospace and Defense Industry is at the cusp of significant change

Current Mode of Operation (CMO)

Macro

- Survival mode due to industry downturn
- Mergers, Acquisitions & Carve outs to optimize Assets

Legacy oriented

- Outdated manufacturing infrastructure
- Legacy processes, IT infrastructure & vendors

Execution related

- Program costs and schedule overruns
- Increased vulnerability to cybersecurity threats

Triggers for change

MARKET FORCES

- Compliance and Regulations
- Entry of disrupters e.g. SpaceX
- DoD budgetary and schedule concerns
- Commercial customers' cost pressures
- New market segments e.g. drones

TECH. DRIVEN

- Maturing of smart manufacturing tech
- Digital Twins & AR/VR based simulations
- Blockchain to secure data & collaborate
- Commercial launch of 5G
- Acceptance of cloud as a solution

Future Mode of Operation (FMO) - Powered by Infosys

1. KBE driven accelerated and high-quality product engineering
2. Smart manufacturing enabled by cloud, IOT, 5G & MOM Solutions
3. Digital transformation led by New ERP , Cloud first, Workplace
4. Agile, increasingly automated processes
5. M&A, global sourcing and captive carveouts
6. Nextgen cybersecurity processes and solutions
7. New business models

Infosys has specialized focus in the A&D industry space.

…across the value chain: Our service catalogue for Aerospace & Defense

4500+ People | **18+ years** | **500+ Patents**

	Sales & Marketing	Product Engineering	Manufacturing	After Market & Support
	Engineering Services; Application Dev & Maintenance	ERP implementation and Support	MES Services	Data and Analytics; Cloud & Infrastructure
Functional Areas	• Customer Requirements • Sales/After Market • Customer Relationship Management	• Product Concept & Configuration • Engineering Design • Product Test & Certification • Product Acceptance • Customer Coordination	• ERP & SCM • M&A • Operations, Logistics & Demand Mgmt • Manufacturing & Quality Assurance • Contracts & Procurement Admin	• Spares & Repair • Manuals & Service Bulletins • Flight Services • MRO Services • M&A
Infosys Experience	• Next Generation Airplane Configuration systems • Air Plane Economic Analysis Solution • Network and Fleet Planning Solution	• Knowledge Systems / KBE • Product development of Structural, Interior, Payload and Propulsion system • Certification Solution • Structural/Flight Testing Solution	• MRP / ERP Implementation and Support • Digital Manufacturing • IT Operations • Partner Quality Management • Supplier partner sourcing network	• Airplane Health Management System • Maintenance Engineering • Technical Publications & Service Data delivery • IT Operations

Worked across all major Aircraft Platforms from:

AIRBUS | BOEING | GULFSTREAM | MITSUBISHI | COMAC | BOMBARDIER

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Infosys offers innovative custom solutions for using IFS Applications

Infosys has a dedicated practice for IFS ERP applications which is a part of Infosys Cobalt. This provides Business Transformation Services, Upgrades and Support to various global clients. With a committed IFS CoE (IFS Centre of Excellence) leveraging the Infosys Knowledge Platform Repository for multiple tools, business solutions, knowledge artefacts, reusable assets and frameworks, there is now a single point platform for all Internal IFS Trainings, IFS Certifications, knowledge and experience sharing among Infosys IFS community.

Our Enterprise Change Methodology provides a fluid and pragmatic framework to drive intelligent change focusing on the end state, and benefits to be achieved from the IFS implementations. Infosys practitioners can help develop a customized OCM and training strategy working collaboratively with enterprises to ensure adoption and transformation sustainment.

IFS

IFS has extensive knowledge of the Aerospace & Defense industry.

Independently recognized as a leading, global supplier of enterprise software, IFS provides solutions for:

- Aerospace & defense manufacturing
- Commercial aviation
- Defense
- Fleet and asset management
- Military logistics
- Services and performance-based logistics.

IFS is the only OEM independent software provider able to deliver best-of-breed and enterprise solutions for the Aerospace & Defense market.

Benefits for customers using IFS A&D solution:

Line Maintenance Yield*: 10%+ line maintenance yield increase within twelve months with four times the precision

Reduced stock levels: 8% reduction in Gross Stock Value (GSV)

Automatic application of requirements to the fleet: 70% reduction in manual effort to incorporate maintenance program changes

Reduction in non-productive time: Saved 50% of technician time at computer, or 3 minutes per non-routine write-up

Reduced time to prepare complex component packages: Time to prepare complex material kits reduced from 4 days to 3 hours

Reduced maintenance management effort: Reduced handover effort by 97% or $400,000 – 30 minutes per shift per crew

Reduced turn around times: Turn times for major checks have decreased by as much as 40%, resulting in 10 additional revenue days per aircraft per year.

Success Stories

Infosys

For a leading defense warship manufacturer, Infosys is implementing an IFS solution to replace the client's legacy system. It resulted in enhanced GUI capabilities, enhanced role based dashboard lobbies for decision making and solution aligned with SOX/ DFARS imperatives to cater to client's future business needs.

For one of the largest shipbuilder and provider of professional services on large scale headquartered in USA engaged Infosys as implementation SI partner to transform their ERP environment and completely replace their existing ERP system and deploy the IFS ERP platform across their entire operation. It includes materials, planning, production, scheduling, engineering, and project management.

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IFS

De Havilland is using IFS to replace 300+ legacy business applications covering the entire operation.

IFS supports more than 10,000 users with mission-critical maintenance planning and execution capabilities, as part of the U.S. Navy NOBLE initiative.

Babcock delivers over 4,600 projects with IFS, managing multiple projects and critical assets for multiple customers.

IFS has helped Rolls-Royce unlock new data insights on aircraft engines by automating data sharing with airlines, critical to employing predictive maintenance.

China Airlines has seen an average reduction of 25 days layover in unscheduled aircraft maintenance.

Lockheed Martin uses IFS supply chain logistics software on the U.S. Army TADSS Maintenance Program, for the sustainment of 300,000 fielded assets.

Infosys Cobalt is a set of services, solutions and platforms for enterprises to accelerate their cloud journey. It offers over 14,000 cloud assets, over 200 industry cloud solution blueprints and a thriving community of cloud business and technology practitioners to drive increased business value. With Infosys Cobalt, regulatory and security compliance, along with technical and financial governance comes baked into every solution delivered.

For more information, contact askus@infosys.com

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