CYIENT
Nothing Less



iFRACAS:

An intelligent failure reporting, analysis, and corrective action system

Improve fleet visibility and cut turnaround time by 30%

In aerospace, every in-service failure is high stakes. A single removal or defect report can trigger a chain of follow-ups across maintenance logs, repair history, parts/serial details, and supplier inputs, often spread across teams and systems. When that information isn't easy to pull together, turnaround time (TAT) stretches and aircraft availability takes a hit.

Your reliability, quality, and engineering teams should be focused on root-cause closure and corrective actions, not spending hours chasing context. iFRACAS changes that!

From reactive failure management to intelligent, insight-led service execution

Cyient's iFRACAS is a centralized platform to log, classify, and monitor device failures and field events across service centers, hospitals, and distributors. Dashboards help identify recurring failures, high risk components, and systemic issues enabling faster corrective actions and better service decisions.

Evidence-based analysis of failed components feeds Service Engineering, Quality, and R&D to reduce repeat failures. In parallel, streamlined logistics, spare parts allocation, and repair cycles help cut TAT and lower overall service costs.

What improves when service failures are managed across the lifecycle?

Cut service time by

25–30%

with streamlined workflows and optimized logistics

Reduce unnecessary spare usage by

20–25%

through analytics-driven spares planning and failure insights

Improve first-time fix rates to

90%

by feeding evidence-based insights to Quality and R&D to reduce repeat failures

What changes for service, quality, and R&D teams?

Faster failure capture and case visibility

- Failure reporting is standardized at the source with common forms, codes, and fields
- Teams gain real-time visibility into failure trends, volumes, and bottlenecks

Smarter spares and logistics decisions

- Spare parts allocation and usage insights become analytics-driven
- Logistics and repair cycles are optimized, reducing cost and delays

Fewer repeat failures

- Dashboards identify recurring failures, high-risk components, and systemic issues
- Corrective actions speed up and escalations that impact customer experience decrease

Closed-loop feedback to quality & R&D

- Evidence-based analysis of failed components flows to Service Engineering, Quality, and R&D
- Root-cause closure improves, reducing repeat failures and improving first-time fix rates

Scalable across service networks

- The same process and KPIs apply across sites, so failure data is comparable across bases, MROs, and suppliers

Why choose Cyient?

30+ Years in aerospace & defense

Airworthiness-grade discipline from field data to corrective-action closure.

Mission readiness focus

Prioritize fixes by operational impact so reliability improves where it matters most (fleet availability, dispatch reliability, sortie generation).

Complete visibility across the sustainment ecosystem

Connect failure events across bases, field units, depots/MROs, and suppliers so the same issue isn't solved in five different ways.

Configuration-aware corrective actions

Link failures to part/serial/configuration so fixes are precise, traceable, and audit-ready.

Spares and supply chain aligned to reliability trends

Position the right spares and reduce avoidable removals through evidence-based decisions.

Reliability growth with supplier-ready closure

Feed verified evidence to Engineering, Quality, and suppliers so corrective actions reduce repeat failures across the fleet.

Ready to industrialize failure learning across your MRO and supplier ecosystem?

Get in touch with us and see how it fits into your maintenance, quality, and engineering workflows.

Cyient is a global lifecycle engineering services company powering mission-critical industries from design to aftermarket across products, plants, and networks. With 300+ customers and 15,000+ associates across 30+ countries, we combine human expertise, deep domain knowledge, and AI to deliver intelligent engineering for every lifecycle across Aerospace and Rail, Automotive and Mobility, Connectivity, Energy, Healthcare, Mining, Utilities, and beyond.

To learn how we deliver exemplary outcomes, nothing less, visit www.cyient.com.

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