

Turn maintenance uncertainty into competitive advantage

Win more work, retain more clients and grow faster with advanced intelligence. Get the foresight to predict demand, reduce AOG incidents and capture revenue before competitors do with Cirium's aviation analytics.

The value of Cirium's data and analytics



Anticipate maintenance demand earlier

No more surprises. Spot upcoming maintenance events before they turn into costly AOGs for your clients. Use aircraft lifecycle insight, utilization analytics and ground events signals to allocate resources more effectively and capture revenue opportunities before competitors do.



Optimize capacity and resource planning

No more inefficiency. Align your hangars, staff and inventory to forward looking demand with confidence. Understand real-world fleet behaviour to align bays, labor and inventory with upcoming demand and deliver operational throughput your clients depend on.



Unlock commercial advantage

Know where the opportunities are before your competition. Use Cirium's aviation intelligence to prioritize high-value opportunities, pursue new markets with confidence and grow revenue strategically.

Three reasons - why Cirium?

1

One platform. No blind spots

Use a unified source for critical aviation insights and connect Cirium's industry-leading fleet intelligence with ground events, live flight data, schedules, and passenger traffic to make decisions with the full picture. No fragmented data; just one integrated source of analytics for effective maintenance planning and decision-making.

2

Decisions you can defend

Rigorous data processing, consistent metrics, proprietary analytics and precise forecasts give you insights you can act on. Help reduce AOG incidents for your clients while optimizing turnaround times.

3

A strategic partner, not just a provider

Cirium's experts and delivery options (from APIs and cloud data feeds to web analytics tools and consultancy) ensure that intelligence flows seamlessly into your existing systems and workflows. We can work alongside you to support integration, use case development and success metrics – because we measure our success by yours.

Partnering with the Top 4 MROs in the world, who service ~37,000 aircraft

Providing the first-of-its-kind maintenance event prediction tool to MROs globally

What MRO leaders say about Cirium:

"Cirium's analytics are 'like discovering the Rosetta Stone. If I can track down parts, it will save us a lot of time.'"

Product Management Director

"Cirium's fleets data is the best fleets database I know"

Strategy Manager

"With Cirium's ground events we were able to enter a new market and target some opportunities for a product that we'd previously not had any success with."

Global Director

How MROs use Cirium

Maintenance planning

Move from reactive to predictive.

Forecast maintenance requirements before they become AOG events. Proactive scheduling means fewer surprises for your clients and more predictable capacity for your business.

PBH contract validation

Protect contract profitability and align cash flow with reality. Use Cirium's utilization intelligence to verify airline's reported usage and ensure your Power-by-the-hour (PBH) contracts reflect actual flying patterns.

Capacity planning

Pinpoint requirements and opportunities.

Optimize hangars and staffing to meet real demand with Cirium's global fleet and flight data to anticipate where and when maintenance requirements will surge.

Regional demand planning

Get ahead of regional demand shifts before they hit your hangar. Cirium's forward-looking schedules and traffic data reveal where maintenance requirements are building, so you can be ready.



High-value analytics in one place

- **Global fleet intelligence** – Know every aircraft's status, configuration, ownership and history. Plan expansion and inventory management with trusted information.
- **Utilization and flight data** – Track how each aircraft is flown. Cirium's unrivalled utilization and flight data enable accurate maintenance prediction and quick detection of usage patterns that drives MRO requirements.
- **Ground events** – Proprietary AOG intelligence flags when an aircraft has been on ground for 7+ days highlighting sales opportunities. Minimize aircraft downtime and win trust as a responsive, proactive partner.
- **Schedules and network trends** – Forward-looking schedules and capacity insights to inform your planning. Align your hangar spots and parts inventory with real demand.
- **Independent values and lifecycle insight** – Unbiased retirement projections to guide strategic decisions, powered by Cirium's award-winning Consultants. Support customers' lease-return negotiations with credible data and underpin PBH reserve calculations with realistic values.

Ready to turn aviation data into MRO advantage?

Speak to our experts today and discover how Cirium's intelligence transforms maintenance forecasting, capacity planning and commercial strategy.

SEE THE DATA FOR YOURSELF

