

Report

2025 AVIATION MAINTENANCE BENCHMARK REPORT

Critical insights for aviation leaders who refuse to fall behind.

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Section 01 INTRODUCTION: WHAT IS THIS REPORT - AND WHY IT MATTERS

The aviation industry is at a turning point. Technician shortages, aging fleets, regulatory complexity, and operational inefficiencies are forcing operators to reassess their maintenance strategies. On the surface, things may appear to run smoothly. But beneath the routine, subtle friction points – hard to spot but costly – are slowing even the best-run operations.

This report delivers insights from over **800 aviation professionals** across business and commercial aviation. The findings cut through the noise, challenging, and offering actionable perspectives.

KEY INSIGHTS AT A GLANCE:



Operational Efficiency: 72% say it defines their maintenance strategies.

Predictive Maintenance: 65% are exploring it, yet many struggle with practical integration.



Workforce Shortages: 62% cite technician shortages as a critical issue.



Regulatory Compliance: 78% face complex management challenges.



Software and Al Adoption: 70% of industry leaders see Al as crucial for boosting operational efficiency, yet only 30% are leveraging it – and just 17% have fully integrated it into their operations.

WHY THIS MATTERS:

This isn't another report padded with buzzwords. Each section leads with key data points, unpacks what they really mean, and challenges assumptions. The result? **Bold, actionable insights- no filler.**



TABLE OF CONTENTS

Section 01 INTRODUCTION	2
Section 02 INDUSTRY WIDE TRENDS	4
Section 03 BUSINESS AVIATION INSIGHTS	9
Section 04 COMMERCIAL AVIATION INSIGHTS	13
Section 05 AI IN AVIATION: BIG POTENTIAL, BIGGER HURDLES	17
Section 06 THE FUTURE OF AVIATION MAINTENANCE	21

ABOUT THE DATA

Over 800 aviation professionals across business and commercial aviation participated in this survey, sharing anonymous insights into their challenges, operational strategies, and technology adoption trends. Their responses were used to create a comprehensive benchmark report, highlighting best practices and emerging industry trends.

SURVEY RESPONSE



RESPONDENT ROLES

Survey participants represent a diverse range of aviation roles, including:

- Maintenance technicians, Directors of Maintenance (DOMs), and A&P instructors
- Fleet operators in business aviation, and commercial airline sectors
- Training and flight school professionals

TYPES OF OPERATIONS

Responses came from professionals working in various aviation segments, including:

- Business aviation operators and fleet managers
- Aerial firefighting and special mission operations
- Flight schools and maintenance training institutions



INDUSTRY-WIDE TRENDS

85% of aviation professionals say operational efficiency is critical to their success.

BUSINESS AVIATION:

77%

want tools that cut out redundant workflows and speed up decision-making.

COMMERCIAL AVIATION:

89% are focused on improving maintenance tracking to reduce turnaround times.

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OPERATIONAL EFFICIENCY: A NECESSITY, NOT A BUZZWORD

Anyone who's been in aviation long enough knows that inefficiency isn't just an inconvenience – it costs real money and causes real problems. As operations get more complex and customer demands increase, there's no room for wasted time, unnecessary paperwork, or outdated systems that slow things down.

IN BUSINESS AVIATION, EVERY WASTED HOUR IS A DIRECT HIT TO PROFITABILITY.

IN COMMERCIAL AVIATION, SMALL INEFFICIENCIES SNOWBALL INTO COSTLY DELAYS ACROSS ENTIRE FLEETS.

The industry has talked about "digital transformation" for years, but the reality is simple: if you're still relying on fragmented systems and manual processes, you're already behind. The operators who adopt centralized, automated tools are the ones staying ahead – minimizing downtime, cutting unnecessary costs, and keeping their fleets running smoothly.

PREDICTIVE MAINTENANCE:

BEYOND THE HYPE

65% of respondents are exploring predictive maintenance to cut unplanned downtime.

BUSINESS AVIATION:

60% are imp con

are in early adoption, focused on improving reliability and extending component lifecycles.

COMMERCIAL AVIATION:

70%

are further along, integrating predictive analytics into fleet management.

THE REALITY CHECK

Predictive maintenance is widely discussed – and while much of the conversation is mired in futuristic hype, the real progress is happening on the ground. Operators who are truly moving the needle are focusing on mastering the basics that drive tangible results.

Here's how they're doing it:

- Having the **right parts in the right places** to reduce downtime.
- Turning **unscheduled maintenance into scheduled maintenance**, optimizing upcoming jobs during scheduled hangar time to avoid repeat downtime.
- Transitioning from reactive scrambles to proactive control and maximum uptime.

The truth is that technology alone won't solve everything. While AI tools such as machine learning and natural language processing hold immense potential, their success ultimately depends on how well these predictive insights are woven into existing workflows. Those who master this integration are poised to lead the way in reliability and efficiency.



REGULATORY COMPLIANCE: YOU CAN'T AFFORD MISTAKES





of participants say compliance management is a major headache.

BUSINESS AVIATION: Struggles with tracking

documentation across mixed fleets.

COMMERCIAL AVIATION:

Faces complex international regulatory challenges.



Regulatory slip-ups aren't just paperwork problems – they cause delays, fines, and reputational damage. With stricter regulations piling up, outdated tracking methods won't cut it anymore. Business aviation teams are often too small to keep up, while commercial operations face a web of international rules.

THE FIX

Stop treating compliance like an afterthought. Operators need integrated systems that automate documentation and ensure real-time visibility – not a mad scramble before audits. Compliance isn't just a legal requirement; it's what keeps aircraft flying without unexpected disruptions.



WORKFORCE CHALLENGES:

THE SHORTAGE YOU CAN'T IGNORE

62% of respondents say technician shortages are a critical issue.

BUSINESS AVIATION:

68%

report hiring and retention challenges.

COMMERCIAL AVIATION:

47% identify technician shortages as the most significant risk to maintenance operations.

If you've been in aviation maintenance long enough, you saw this coming. Technicians are retiring faster than they're being replaced, fewer people are entering the trade, and maintenance demand keeps growing. Business and commercial aviation are both feeling the pressure, but their responses couldn't be more different.

The numbers don't lie – an aging workforce, fewer recruits, and rising demand have created the perfect storm for staffing shortages. Business aviation struggles to attract and retain skilled technicians, while 46% of commercial operators are taking a more proactive approach – investing in training and technology to keep operations running. At this point, operators have two choices: adapt or fall behind. Upskilling existing staff, implementing digital tools that reduce inefficiencies, and making the job more attractive through better pay and work-life balance will determine who thrives and who's left scrambling.

Commercial aviation isn't waiting for experienced mechanics to appear – they're developing in-house talent. Airlines and MROs invest in structured training programs, partner with aviation schools, and build apprenticeship pipelines to secure the next generation of technicians.

Meanwhile, business aviation is falling behind. Smaller operators and flight departments can't always compete with airline pay, benefits, or job stability. Many don't have the resources to train mechanics from scratch, leaving them dependent on an ever-shrinking labor pool. Some operators are turning to digital solutions to increase efficiency and ease the strain on short-staffed teams, but that alone won't fix the hiring problem.

If business aviation wants to stay competitive, it must be more active in workforce development – offering better career pathways, structured training programs, and retention strategies. The ones that upskill their teams, integrate digital maintenance tools, and improve pay and work-life balance will be the ones that stay ahead. The rest will be left scrambling to find – and afford – the few experienced mechanics still available.



TOP SOFTWARE CHALLENGES:

REAL TALK FROM THE FRONT LINES

In aviation maintenance, software should streamline operations – not create obstacles. When a system is difficult to use, lacks key features, or fails to integrate smoothly, it directly impacts efficiency and performance. Based on user feedback, these are the top challenges maintenance teams report facing across different platforms – no fluff, just facts.



HIGH COSTS: THE BIGGEST FRUSTRATION

One of the most common complaints is that software pricing models fail to align with budget constraints, especially for smaller operators.

TIP

Vendors should explore flexible pricing models, such as tiered subscriptions based on fleet size.



A GROWING CONCERN

Many users struggle with system integration, making it difficult to connect maintenance software not only with flight operations, inventory, and compliance systems—but also with back-office financial and ERP platforms.

TIP

Improved API support and compatibility with widely used aviation tools could enhance efficiency.



LIMITED FUNCTIONALITY OR MISSING FEATURES

Users frequently report gaps in analytics, reporting tools, and workflow automation that limit the software's usefulness.

TIP

Continuous feature enhancements and direct user feedback loops can help vendors improve functionality.



COMPLEX OR NON-INTUITIVE USER INTERFACE

A confusing interface slows down workflows and increases training time.

TIP

Streamlining UI/UX design and adding role-specific dashboards could improve user satisfaction.



LACK OF MOBILE ACCESS: A SERIOUS LIMITATION

Limited mobile access prevents real-time updates and remote efficiency.

TIP

Investing in mobile-first, cloud-based solutions will help operators stay connected.

WHAT NEEDS TO CHANGE?

The results emphasize the need for:



Cost-effective solutions tailored to different fleet sizes.



Enhanced system integrations with third-party aviation tools.



Mobile accessibility for real-time operational flexibility.



Intuitive design that reduces complexity for maintenance teams.



Ongoing feature enhancements to meet evolving industry demands.

Aviation maintenance teams don't have time for software that gets in the way. The best tools are the ones that work in the real world, not just in a sales demo. If a system is too expensive, hard to use, or doesn't integrate properly, it's not helping – it's holding you back.

BUSINESS AVIATION INSIGHTS

Business aviation is shifting toward smarter, more efficient operations. As technology evolves, forward-thinking operators are leveraging digital tools to boost reliability, streamline maintenance, and stay ahead of the curve.

COST CONTROL:

THE BALANCING ACT

KEY CHALLENGE

Balancing cost control with high reliability.

SURVEY HIGHLIGHT

54% of business aviation respondents listed cost predictability as their primary concern.

For business aviation operators, keeping costs in check without sacrificing reliability is a constant challenge. With fluctuating fuel prices, maintenance expenses, and unpredictable market conditions, cost control isn't just about cutting expenses-it's about spending smarter.

Predictable costs are critical for long-term sustainability. Instead of short-term cuts that compromise quality, operators need strategic investments in efficiency whether through predictive maintenance, better parts procurement, or improved resource planning.

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THOSE WHO FOCUS ON MEASURABLE RETURNS RATHER THAN JUST COST-CUTTING WILL BE IN A STRONGER POSITION TO WEATHER FINANCIAL VOLATILITY.

REAL-TIME DATA ACCESS:

THE DIFFERENCE BETWEEN EFFICIENCY AND DOWNTIME

KEY CHALLENGE

Lack of real-time, accurate data for decision-making.

SURVEY HIGHLIGHT

of respondents are frustrated 68% with outdated systems or manual processes.

When critical maintenance decisions rely on outdated data or manual workarounds, downtime increases, efficiency suffers, and costs rise. In business aviation, where guick turnarounds and precise planning are essential, delays caused by missing or inaccurate information can have serious operational consequences.

Modern aviation maintenance is shifting toward real-time, data-driven decision-making. Operators who invest in centralized, integrated platforms won't just reduce inefficiencies - they'll gain a competitive edge by optimizing fleet performance, improving compliance, and reducing turnaround times. Those who continue to rely on outdated systems will find themselves at a growing disadvantage.



BIGGEST THREATS TO THE BUSINESS AVIATION MAINTENANCE INDUSTRY





WHAT DO YOU SEE AS THE BIGGEST THREAT TO BUSINESS AVIATION MAINTENANCE?

KEY CHALLENGE

Technician shortages, with **44%** identifying it as their top concern.

SURVEY HIGHLIGHT

44% of respondents cited workforce shortages as their biggest challenge, followed by supply chain disruptions (26%).

The technician shortage isn't a future problem – it's happening now. Retirements, weak recruitment pipelines, and a lack of structured workforce development are straining maintenance operations across the industry. Without enough skilled technicians, operators face longer turnaround times, increased costs, and growing maintenance backlogs.

Fixing this problem means investing in workforce development and making the industry more attractive to

the next generation of technicians. Stronger partnerships with aviation schools, better technician training programs, and financial incentives are all necessary to build a sustainable talent pipeline.

At the same time, automation, predictive analytics, and digital maintenance solutions are not just efficiency boosters – they're key to recruiting younger talent. Today's workforce expects modern tools, streamlined workflows, and technology-driven solutions. Operators that embrace these innovations won't just improve efficiency – they'll also attract a new generation of skilled technicians who see aviation maintenance as a high-tech, forward-thinking career.

Meanwhile, supply chain issues, the second-largest industry challenge, are driven by global disruptions, material shortages, and procurement inefficiencies. Operators need to rethink inventory strategies, focusing on predictive parts management, diversified suppliers, and tighter logistics coordination to avoid unnecessary downtime. Those who rely on outdated procurement processes will continue to struggle with availability issues and operational delays.



DIGITAL MAINTENANCE TOOLS:

WHY SMALL-SCALE FLEETS ARE FALLING BEHIND

KEY CHALLENGE

33% of small-scale fleet operators still rely on spreadsheets or homegrown systems.

SURVEY HIGHLIGHT

When asked to select all that apply, CAMP Systems (51%) and Veryon (48%) dominate, while 33% of operators still use manual tracking methods

Even in 2025, too many operators are still managing maintenance with spreadsheets – a method that increases compliance risks, slows down workflows, and leaves fleets vulnerable to human error. The hesitation to adopt digital solutions often comes down to cost concerns, resistance to change, or the misconception that new systems are too complex to implement. But the reality is clear: manual systems are no longer sustainable. In an industry where compliance, efficiency, and cost control are critical, digital maintenance platforms aren't just an upgrade – they're a necessity.

For small-scale operators working with tight margins and limited staff, switching to a modern maintenance management system isn't just about convenience – it's about survival. Platforms like <u>Veryon</u> provide integrated workflows, real-time data access, and mobile-friendly tools that reduce errors, improve compliance tracking, and optimize fleet performance.

Operators who continue to rely on outdated systems will struggle to scale, while those who invest in automation and data-driven tools will gain a significant advantage in both efficiency and long-term cost savings.

COMMERCIAL AVIATION INSIGHTS

Commercial aviation is pushing for greater efficiency at scale. As fleets grow and challenges mount, operators are adopting digital tools to reduce downtime, manage complexity, and stay ahead.

MINIMIZING DOWNTIME:

THE PRESSURE OF THE CLOCK

KEY CHALLENGE

Reducing aircraft downtime while keeping schedules on track.

SURVEY HIGHLIGHT

76% of respondents said unplanned maintenance severely disrupts operations.

In commercial aviation, downtime isn't just an inconvenience – it's a logistical nightmare that ripples across an entire network. A single delay can trigger missed connections, displaced crews, and mounting costs. The industry runs on tight margins, and unplanned maintenance is one of the biggest threats to profitability.

The only way forward is proactive maintenance. Airlines that integrate predictive maintenance tools into daily workflows will reduce disruptions, optimize aircraft availability, and improve operational reliability.

FLEET COMPLEXITY:

MANAGING SCALE WITHOUT LOSING CONTROL

KEY CHALLENGE

Coordinating maintenance across large fleets and multiple locations.

SURVEY HIGHLIGHT

82%

of operators struggle with synchronizing data across their fleets.

A modern airline – whether a global carrier or a regional operator with a dozen aircraft – faces immense complexity in keeping its fleet in the air. Managing regional, narrow-body and wide-body aircraft comes with unique challenges, from coordinating maintenance across multiple locations to maintaining compliance with ever-changing regulations.

When data isn't streamlined, mistakes happen, costs rise, and aircraft stay grounded longer than they should. Regardless of fleet size, the key to operational efficiency is a scalable, flexible maintenance system that integrates with flight operations, inventory, and compliance tools. The airlines that master this – whether large or small – will set the benchmark for reliability and performance in an increasingly demanding industry.



BIGGEST THREATS TO THE COMMERCIAL AVIATION MAINTENANCE INDUSTRY





WHAT DO YOU SEE AS THE BIGGEST THREAT TO MAINTENANCE TEAMS IN COMMERCIAL AVIATION?

KEY CHALLENGE

A shrinking workforce and increasing operational complexity are pushing technician shortages to critical levels.

SURVEY HIGHLIGHT

47%

of respondents named technician shortages as their top concern – far exceeding issues like aging fleet management (17%) and rising regulatory costs (13%).

The technician shortage isn't a new problem – it's just getting worse. Retirements are outpacing new hires, and recruitment efforts aren't keeping up with demand. At the same time, aging fleets require more maintenance, and regulatory compliance is becoming more complex. Fewer people, more work, and higher expectations – it's a recipe for operational strain.

This issue won't fix itself. The industry needs a two-pronged approach to stay ahead:

1. Workforce Development – Operators must rethink recruitment with better training programs, partnerships with aviation schools, and career pathways that make the profession more attractive to younger workers. Competitive pay and retention incentives are no longer optional. With experienced technicians retiring, it's critical to capture their knowledge before it's lost. Tools like Veryon Guided Troubleshooting retain final fixes inputted by technicians over time, ensuring that expertise isn't lost but instead shared across teams and fleet types.

2. Technology & Automation – Leaner teams need smarter tools. Advanced diagnostics, predictive maintenance, and defect analysis solutions can help smaller crews work more efficiently, reduce downtime, and automate repetitive tasks. By integrating digital solutions that store and share technician knowledge, operators can bridge the experience gap and maintain operational consistency, even as veteran mechanics leave the workforce.

Operators that invest in their workforce and embrace digital tools will be the ones that maintain reliability and minimize disruptions. Those who don't will struggle to keep aircraft in the air.

AGING FLEETS:

THE MAINTENANCE BURDEN NO ONE CAN IGNORE

KEY CHALLENGE

Older aircraft require more maintenance, leading to higher costs and unplanned downtime.

SURVEY HIGHLIGHT

More than **36%** of respondents manage fleets where at least **75%** of aircraft are over 15 years old. 41% operate fleets in which **26–75%** of their aircraft exceed 15 years of age.

Older aircraft may be cost-effective to acquire, but they come with higher maintenance demands, more frequent failures, and harder-to-source parts. To make matters worse, these aging aircraft typically have fewer sensors and generate less data, making diagnostics even more challenging. Airlines relying on aging fleets must be laser-focused on predictive maintenance to minimize risk and extend aircraft life.

The solution isn't just about fixing problems when they arise—it's about anticipating failures before they happen. With less built-in data from older aircraft, operators must rely on real-time health monitoring, predictive analytics, and technician-driven insights to fill the gaps. Those who embrace these solutions will keep their fleets in service longer while avoiding costly AOG events, while those who don't will face rising maintenance costs and operational disruptions.

DIGITAL TOOL ADOPTION:

TOO MANY SYSTEMS, NOT ENOUGH STANDARDIZATION

KEY CHALLENGE

A fragmented approach to digital tools leads to inefficiencies and inconsistent data.

SURVEY HIGHLIGHT

59% of operators use a mix of systems, rather than a standardized platform.

For an industry that depends on precision and efficiency, commercial aviation still struggles with disconnected digital tools. Many operators juggle multiple systems that don't integrate properly, leading to data silos, inefficiencies, and unnecessary costs.

The reality is simple: standardized, integrated platforms will define the next generation of fleet management. Airlines that unify maintenance, inventory, and operational data into a single system will gain a clear advantage in uptime, cost control, and regulatory compliance.



ARTIFICIAL INTELLIGENCE (AI) IN AVIATION

Al is reshaping aviation maintenance, turning data into smarter decisions and predictive action. Operators are using Al to boost reliability, reduce downtime, and move from reactive to proactive maintenance.



AI IN AVIATION: **BIG POTENTIAL, BIGGER HURDLES**

Al is reshaping aviation maintenance, turning data into smarter decisions and predictive action. Operators are using AI to boost reliability, reduce downtime, and move from reactive to proactive maintenance.

30% of respondents are aready leveraging AI for predictive analytics and automation, while only 17% are in the early stages of integration.

BUSINESS AVIATION:

Al adoption is growing but remains limited by resource constraints and smaller-scale operations.



COMMERCIAL AVIATION:

More fleets are exploring Al-driven insights, but integration issues and data quality concerns slow progress.





Al isn't just a futuristic concept - it's here and changing how maintenance is done. But the reality? Only 17% of respondents have fully implemented AI solutions, while another 17% struggle to get started.

THE BIGGEST ROADBLOCKS?

System integration, data inconsistencies, and skill gaps. Without proper alignment, AI is just another underutilized tool instead of a game-changer for efficiency and reliability.

THE FIX

Al needs data-lots of it-to be reliable. But not just any data: it requires structured, high-quality information that can continuously learn and integrate seamlessly with existing systems to deliver real results. Maintenance teams shouldn't be fighting their software-they should be using Al to anticipate failures, optimize resources, and automate workflows. It's not about replacing technicians-it's about making their jobs smarter and their decisions sharper.

VERYON'S TAKE ON AI: LESS HYPE, MORE PRACTICALITY

Al in aviation maintenance isn't about flashy tech or buzzwords—it's about real operational impact. Too often, Al is pitched as a futuristic fix without practical application. At Veryon, we believe Al should simplify maintenance, not complicate it. That means automating routine tasks, predicting failures before they happen, and giving maintenance teams the tools and insights they need — when and how they need them.



HOW VERYON IS PUTTING AI TO WORK:



CUTTING ADMIN WORK, NOT ADDING TO IT

For products like <u>Veryon Tracking</u>, we see opportunities to automate routine processing with AI agents, record keeping and freeing engineers and maintenance planners to focus on higher-value tasks. We believe agents can create material efficiencies and reduce administrative workload by **15-30%**, allowing faster issue identification and resolution.



STREAMLINED MAINTENANCE, MORE RELIABLE FLEETS

Al in Veryon Diagnostics helps technicians helps technicians diagnose issues faster and prevent failures before they occur. Operators are already analyzing flight data, defect logs, and maintenance histories to predict component failures, extend part life, and address chronic issues. Instead of relying on rigid maintenance schedules, Al enables a condition-based approach by fixing only what needs attention, exactly when it's needed. It continuously learns from each outcome what works and what doesn't—helping improve reliability and elevate the entire industry.



FASTER DIAGNOSES, FEWER AOG EVENTS

Al in Veryon Diagnostics identifies patterns in maintenance data and historical defect trends, pinpointing root causes before they escalate. By detecting issues earlier, Al reduces unnecessary troubleshooting, increases first-time fix rates, and minimizes repeat maintenance events. It also enhances parts availability tracking, ensuring technicians have the right components when they need them—reducing labor costs and parts spend. The result? Fewer AOG events, lower operational costs, and more aircraft in service.



SMARTER PARTS FORECASTING, NO LAST-MINUTE SCRAMBLES

Al-driven predictive parts forecasting helps operators anticipate demand and stock critical components before they're needed, preventing last-minute inventory shortages. And with more use—the Al engine only gets smarter—continuously refining maintenance planning and parts availability.



THE NEXT STEP: AI-POWERED RELIABILITY

Al in aviation isn't just about efficiency – it's changing how reliability is managed. Reducing unscheduled downtime and returning aircraft to service with more predictability relies on a host of factors. A major driver of unscheduled time is parts performance, availability, and failure. Operators are consistently looking for more insights into parts performance, predictive markers, early warnings, and integrated reporting to help optimize maintenance planning, minimize operational disruptions, and improve uptime. Veryon is setting a new standard for Al-powered fleet health management with the expansion of its comprehensive <u>Diagnostics</u> suite through the launch of <u>Veryon Reliability</u> – an Al-powered solution for parts predictability, fleet reliability, and advanced reporting. Designed to help aircraft operators and OEMs forecast failures, improve fleet availability, and reduce unscheduled downtime, Veryon Reliability leverages proprietary machine-learning algorithms and pattern recognition technology to detect failure trends, predict short-life components, and identify rogue parts before they fail.

HERE'S HOW AI IS RESHAPING AVIATION MAINTENANCE WITH VERYON RELIABILITY:



FROM GUESSWORK TO DATA-DRIVEN PRECISION

Operators get real-time failure predictions, automated reliability reporting, and advanced analytics to prevent failures before they happen – turning maintenance into a proactive strategy. Veryon Reliability's Predictive Parts Model forecasts part failures, part life, rogue parts, and inventory management opportunities, helping to prevent recurring defects and improve overall fleet reliability.



BETTER INVENTORY PLANNING, LESS DISRUPTION

Al-powered forecasting optimizes parts inventory, ensuring critical components are available before they're needed. Veryon Reliability's Automated FAA CASS Reporting feature further streamlines compliance by reducing time spent on regulatory documentation, allowing operators to focus on strategic maintenance and fleet performance.



CLEANER, MORE RELIABLE DATA

Al relies on clean, reliable data to rapidly learn and provide insights with a single source of truth. Veryon Reliability's Data Cleansing and Integration capability ensures high-quality, accurate data for both OEMs and operators, enhancing analytics and providing actionable insights.



A SMARTER APPROACH TO FLEET RELIABILITY

Veryon Reliability is more than just another Al tool – it's the foundation for a fully predictive maintenance strategy. With Al-driven analytics, operators can shift from reactive maintenance to a proactive approach that minimizes downtime, optimizes costs, and maximizes fleet performance. Veryon Reliability's Visual Reliability Service extends these capabilities by providing expert professional services, including data cleansing, running analytics, and delivering tailored advisory insights – allowing operators to focus on their core business backed by Veryon's expertise.



THE FUTURE OF AVIATION MAINTENANCE

The aviation industry is entering a new era of opportunity, where digital tools and automation are unlocking smarter, more efficient maintenance practices. With the right technology, operators can boost reliability, streamline operations, and stay ahead of growing demands.

THE SURVEY RESULTS

The survey results paint a clear picture – aviation maintenance is reaching a turning point. The pressures of technician shortages, aging fleets, and operational complexity are pushing the industry toward digital transformation and automation.

HOW VERYON HELPS OPERATORS STAY AHEAD

REAL-TIME MAINTENANCE TRACKING & FLEET VISIBILITY:

Veryon Tracking delivers integrated and optimized aviation maintenance, inventory management, operations, and work order software for real-time visibility into your data across departments.

AUTOMATED COMPLIANCE & SEAMLESS DOCUMENTATION:

Veryon Publications centralizes technical and regulatory documentation for quick, compliant action – no more searching through multiple systems.



VERYON









PREDICTIVE MAINTENANCE & AI-POWERED INSIGHTS:

Veryon Diagnostics is the industry's only closed-loop chronic defect identification and maintenance troubleshooting solution. Powered by Al-driven insights, it enables operators to minimize delays, reduce costs, and improve fleet reliability. This advancement elevates predictive maintenance capabilities—empowering teams to move from reactive repairs to proactive decision-making that boosts aircraft availability, reduces maintenance costs, and enhances overall operational performance.

When paired with **Veryon Guided Troubleshooting**, operators gain a fully integrated, closed-loop system that delivers both chronic issue resolution and real-time troubleshooting support. This powerful combination accelerates return-to-service times while ensuring safe, compliant, and efficient maintenance execution.

COMPREHENSIVE FLEET MANAGEMENT & OPERATIONAL CONTROL:

Veryon Tracking+ is a fully integrated solution for airlines, MROs, and military operations, offering real-time data access, mobile functionality, and advanced reporting.





VERYON

The Future Is Here—Who's Ready to Adapt? Aviation maintenance isn't getting any easier. The industry is under more pressure than ever to improve efficiency, ensure compliance, and maximize reliability. The operators that embrace digital transformation will reduce downtime, streamline workflows, and gain a competitive edge.

Veryon delivers the technology and tools to make it happen. Want to see how?

Schedule a demo