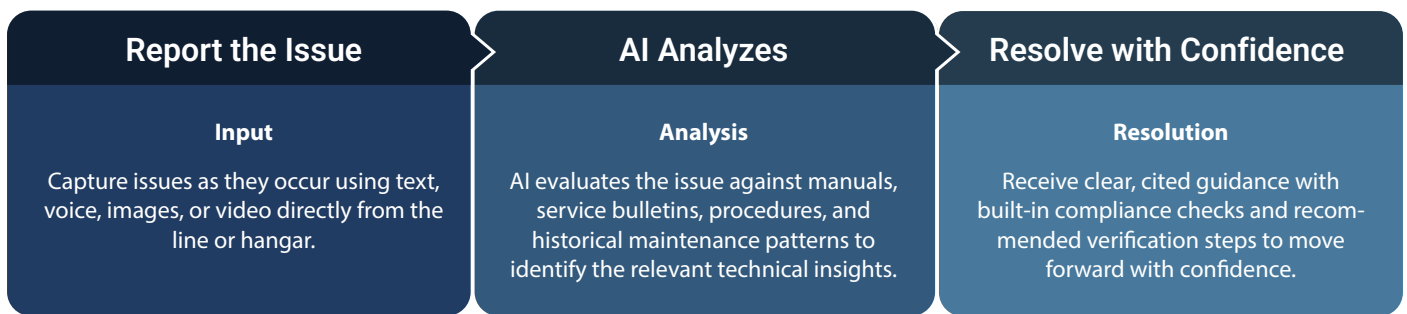


AI Technician

Execution Intelligence for the Modern Hangar

Diagnose maintenance issues faster and act with confidence using clearly cited technical guidance drawn from manuals, service bulletins, and procedures. Designed for real-world hangar operations, AI Technician evaluates technician inputs, automates compliance checks, and flags potential quality risks before they lead to recurring issues.

AI Technician Workflow



Core Capabilities

1. Reduce Documentation Friction

Log maintenance observations using text, voice, images, or video so issues are recorded as they happen, without interrupting work on the floor.

2. Get Evidence-Backed Responses

Receive guidance grounded in manuals, service bulletins, and procedures, with exact citations and referenced sections for faster validation and audit-ready decision-making.

3. Automate Compliance Alignment

Ensure all recommended actions align with regulatory and operational requirements, minimizing the time spent double-checking procedures before execution.

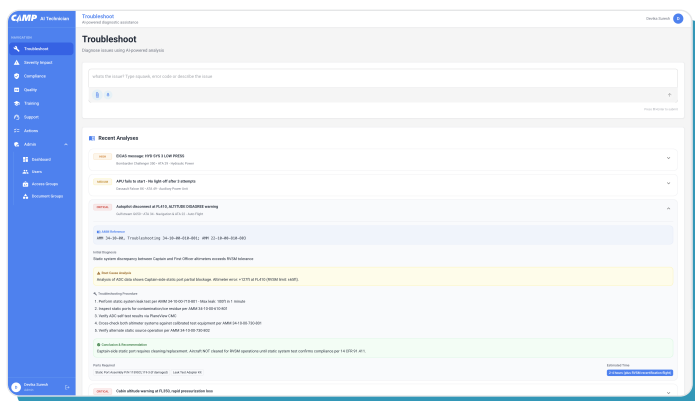
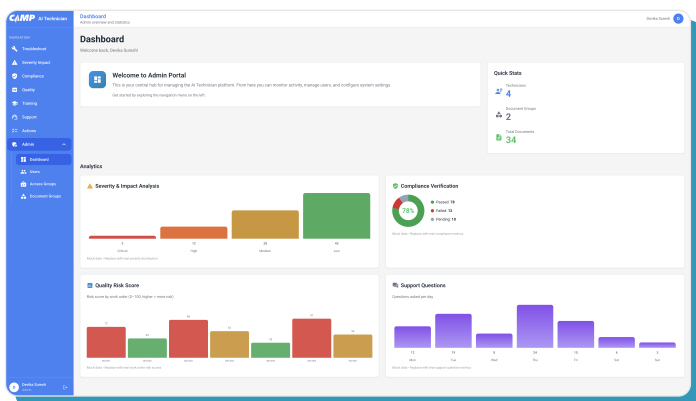
4. Mitigate Quality Escapes

Identify areas with an elevated risk of error and receive guidance on targeted inspections to prevent repeat findings and downstream defects.

AI Technician

5. Learn from Past Maintenance Events

Identify recurring issues and emerging risks across maintenance events to reduce resolution variability and limit repeat findings.



Operational Benefits

Benefit	Organizational Impact
Increased TAT	Accelerate the transition from issue intake to first assessment by up to 30%.
Reduced Variability	Stabilize technical decision-making and reduce resolution variability by 15–25% across the team.
Risk Mitigation	Proactively flag high-risk areas to prevent downstream defects before they impact fleet availability.
Regulatory Alignment	Seamlessly integrate compliance checks into the workflow to ensure every action is grounded in regulatory requirements.

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