ADLIB

BRIEFING PACK FOR AEROSPACE AND DEFENSE TEAMS

Use more AI. Show where every answer came from.

Every aircraft, engine and program is described in decades of specifications, work instructions, supplier certificates, inspection records and maintenance logs. AI could put all of it to work, but most programs stall on one question: can we show an auditor or an authority where that value came from? Adlib turns the documents your systems can't read into usable data, with every value linked to the page it came from. The same team does more, and every record holds up.

Leadership | Engineering & configuration | MRO & supply chain | Quality & compliance | IT, security & AI

INSIDE THIS PACK

One pack, an answer for every team

Each page stands on its own. Pass on the ones that fit the person asking.

PAGE	PASS IT TO	IT ANSWERS
3	**Everyone**	Why AI stalls in aerospace and defense, and what authorities now expect
4	**Everyone**	What Adlib does, and what makes it different
5–6	**Leadership and finance**	The business case, and a worksheet to run it on your own numbers
7	**Anyone asking whether AI can be trusted**	Why agents do the admin and people lead, with every value traced
8	**Engineering and configuration management**	What changes for engineers working across PLM and the archive
9	**MRO, supplier quality and supply chain**	Maintenance records and supplier evidence that are ready when needed
10	**Quality, compliance and procurement**	Audit trail, controlled data, and the first step
11	**IT, security, data and AI**	Where Adlib sits, what it connects to, and what IT has to do
12	**Everyone**	Aerospace and manufacturing teams already working this way

> **The next step is a demo built around the documents your team works with. Scan the code on the back cover to book one.**

THE CHALLENGE

AI is ready for aerospace. The record behind it isn't.

Engineering, MRO and supplier quality teams have seen what AI can do with a work instruction or a stack of certificates. Then quality asks where an output came from, which revision it used, and whether it would survive an audit or an authority review. Without a trail back to the source, the use case stays a pilot.

66%

of aerospace and defense AI initiatives remain stuck as proofs of concept

BCG, Executive Perspectives, Apr 2026 (2025 survey of A&D executives)

10%

of A&D organizations combine strong digital continuity with engineering AI capability

Capgemini Research Institute, 2026 (200 organizations)

~$44B

projected global A&D spend on AI by 2030, up from about $26.6B in 2024

BCG, Executive Perspectives, Apr 2026

What authorities now expect

WHEN	WHAT	WHAT IT ASKS FOR
Aug 2024	**FAA Roadmap for Artificial Intelligence Safety Assurance (first version)**	An incremental approach that treats AI as a tool, not a human, keeps accountability clear and works inside existing safety processes
Jun 2026	**EASA Concept Paper on AI, proposed Issue 03 (consultation)**	Completes EASA's AI Roadmap 2.0 scope, with a human-centric trustworthiness framework that now reaches advanced automation
In force	**ITAR, EAR and authority-to-operate requirements**	Shape whether AI for sensitive or certified work can be bought, and where it is allowed to run

Status as of November 2026.

What they share: people stay accountable, and you have to be able to show what an AI output was based on.

AT A GLANCE

Documents in. Data you can defend out.

Adlib is the document-to-data engine for regulated industries. The documents your systems can't read become AI-ready data, with every value linked to the page it came from. Lower cost, faster answers, simpler compliance.

The problem

Aerospace and defense run on documents: specifications, drawings, work instructions, certificates of conformance, inspection reports, maintenance logs and supplier evidence. They arrive as scans, CAD, TIFFs and office files, from engineering, suppliers, the shop floor and the hangar. Before AI or any system can use them, someone converts them, checks them and re-keys what matters. Programs are growing. Experienced headcount is not.

What Adlib does

Makes every document readable

Adlib converts almost any file, including CAD and decades-old TIFF scans, into consistent, searchable PDF and PDF/A, with your watermarks and markings applied, and splits large packets into the documents inside them.

Turns documents into data, with the source attached

Adlib extracts the values your teams and your AI need from text-based documents, and links each one to the file, page and revision it came from, with a history of who checked or changed it.

What makes it different

AI you can check, so you can use more of it

Every value is traced to its source. Engineers and inspectors check the page instead of re-reading the document.

AI-ready, not just converted

The output is data your PLM, MRO systems and models can use, not another folder of PDFs.

Agents automate, people decide

Adlib does the admin. Your engineers, inspectors and certifying staff make the call and sign.

Your data stays yours

Bring your own model and run Adlib in your own cloud.

~4,000 hours a month saved at **an airline's engineering and maintenance division**, which processes 2.5 million pages a year of TIFF, CAD, Excel and Word maintenance documentation through Adlib.

FOR LEADERSHIP

Lower cost, faster answers, simpler compliance

THEY'LL ASK	THE ANSWER
What problem does this solve?	Everything between a document arriving and a person or a model using what's in it: converting it, checking it, finding the values that matter and re-keying them. Engineers, inspectors and records staff do that by hand today.
We already have AI pilots. Why this?	Pilots run on clean samples. Production runs on scans, TIFFs, supplier paperwork and decades of program archives. Adlib prepares those documents for your models and keeps the link to the source, so a use case can pass quality review and go live.
What does the business get?	**Lower cost:** fewer engineer and inspector hours on admin, fewer point tools. **Faster answers:** program, supplier and maintenance data your teams and models can use as soon as a document lands. **Simpler compliance:** every value in the record traces to its page.
Does this replace our people?	No. The same team handles more as programs ramp, and what experienced staff know about the record stops living only in their heads.
How do we start without a big bet?	With a demo built around a document set you already know. If it's worth going further, we scope the next step with you.

Build the case on four numbers you already know

01
Monthly volume
Documents converted, checked or re-keyed each month

02
Minutes per document
Manual conversion, QC and data entry on each one

03
Hours on evidence
Time spent assembling records for audits and reviews

04
AI on hold
Use cases waiting on data quality or compliance sign-off

90% less manual intervention in supplier quality evidence at **a global aerospace leader**, where millions of supplier documents are standardized automatically and shared with its contractor network.

WHAT IT ADDS UP TO

Minutes per document add up to a bigger team

Converting, checking and re-keying one document only takes a few minutes. Across a day's volume, those minutes are whole people. Here is an illustration for a mid-sized engineering records, MRO or supplier quality team.

300
documents a day

12 min
of conversion, checking and re-keying saved on each

60 hrs
of team time back every day

8
people's worth of capacity, without hiring

Illustrative only, not a customer result. Based on a 7.5-hour working day and 250 working days a year. A demo on your own documents shows what your real per-document saving looks like.

Run it on your own numbers

Documents a day _____ e.g. 300 × **Minutes saved per document** _____ e.g. 12 ÷ **Minutes in an hour** 60 = **Hours back a day** _____ e.g. 60

Hours back a day _____ from above ÷ **Hours in a working day** 7.5 = **People's worth of capacity** _____ e.g. 8

Hours back a day _____ from above × **Working days a year** 250 × **Loaded cost per hour** _____ your rate = **Value of time back a year** _____

2.5M pages a year of maintenance documentation standardized automatically inside the document management system at **an airline's engineering and maintenance division**, so crews find records faster and aircraft stay in service.

WHY IT CAN BE TRUSTED

Trust is what turns AI into capacity

Most AI puts a person in the loop to check the machine, so the team does the work twice. Adlib works the other way round: **the agents do the admin, and every value they hand over is traced to its page.** Your people lead the work instead of supervising software.

HUMAN IN THE LOOP	
The admin	AI drafts it. An engineer re-does it to be sure.
Trust	Only as good as the reviewer's re-read.
Checking	Nobody can see where an answer came from, so everything gets checked.
Your people	Spend the day checking the machine.

AI adds a review step. Output barely moves.

ADLIB: PEOPLE LEAD	
The admin	Agents convert, split, extract and check it.
Trust	Every value linked to its file, page and revision.
Checking	Reviewers see each value next to the page it came from.
Your people	Spend the day on the design, the aircraft and the program.

AI takes the admin. The same team does more.

How every value earns trust

1. **Read**
   Agents render each document, whatever its format, and extract the values that matter.
2. **Check**
   Values are compared across documents, so a certificate that disagrees with a specification surfaces before anyone relies on it.
3. **Trace**
   Each value is tied to the file, page and revision it came from, with a full history of who checked or changed it, and when.
4. **Lead**
   Your people make the call, working from a record they can defend.

10+ yrs of Adlib running inside the PLM document flows at **an aircraft engine manufacturer**, producing PDF/A with watermarks for engineering documentation.

FOR ENGINEERING AND CONFIGURATION MANAGEMENT

Agents do the admin. Your engineers own the design.

TODAY	
Finding it	Engineers search PLM, shares and the archive for the right revision.
Drawings	Viewing a CAD file needs a specialist licence.
Data	Requirements, limits and test results are re-keyed between systems.
Conflicts	A spec and a work instruction disagree, and nobody notices.
Release	Markings and watermarks are applied by hand.

Your engineers spend the day on admin.

WITH ADLIB	
Finding it	Documents are searchable and consistent across PLM and the archive.
Drawings	Drawings are converted to shareable, searchable PDF.
Data	Values are extracted from specs and reports, each linked to its page.
Conflicts	Values are compared across documents, and inconsistencies surface.
Release	Markings and watermarks are applied automatically.

Your engineers spend the day on the design.

YOU'LL ASK	THE ANSWER
Is this replacing us?	No. It takes the searching, converting and re-keying. You keep the engineering judgement and the sign-off.
Can it read values off our drawings?	Drawings are converted and made searchable. Value tracing works on text-based documents such as specifications, work instructions, test reports and certificates.
Does it change our PLM?	No. Adlib works alongside the PLM and document systems you already run. Specific connections are scoped with your team.
Who makes the call?	You do. Adlib never makes an engineering, airworthiness or release decision.

1,000s of Office and eCAD documents rendered into compliant, submission-ready PDF inside SharePoint at **an aerospace and defense components maker**.

FOR MRO, SUPPLIER QUALITY AND SUPPLY CHAIN

Records ready before the aircraft is waiting

Maintenance and supplier quality teams don't lose time on the work. They lose it on paperwork: certificates in every format, logs on paper and TIFF, and evidence assembled by hand before every audit. Adlib takes that work off the team.

TODAY	
Supplier evidence	Certificates, photos and reports arrive in every format and are compiled by hand.
Maintenance records	Logs live on paper, TIFF and spreadsheets, and are slow to find.
Data	Part numbers, lots and dates are re-keyed.
Audit	The team rebuilds the evidence trail under deadline.

Your team spends the day chasing paperwork.

WITH ADLIB	
Supplier evidence	Incoming material is converted, marked and filed automatically.
Maintenance records	Records are standardized and searchable for the crews who need them.
Data	Values are extracted, each linked to the page it came from.
Audit	The trail is already there, with who checked it and when.

Your team spends the day keeping aircraft flying.

YOU'LL ASK	THE ANSWER
What if it gets a value wrong?	Every value comes with the page it was read from, so you check it in seconds. A reviewer corrects it, a second person signs off, and every version is kept.
Does it decide airworthiness or accept parts?	No. Adlib prepares the records. Your certifying staff and inspectors decide.
Can suppliers keep sending what they send today?	Yes. Adlib reads the formats they already use, so nothing changes on their side.

Millions of supplier documents converted, stamped and shared through a supplier portal at **a global aerospace leader**, so field teams can service aircraft and release them without delay.

FOR QUALITY, COMPLIANCE AND PROCUREMENT

Every value traced to its source

Simpler compliance means a controlled record that explains itself, value by value, and data that stays in your environment.

Quality and compliance

THEY'LL ASK	THE ANSWER
Does the AI make quality or airworthiness decisions?	No. It converts, extracts, checks and traces. Acceptance, release and certification stay with your people.
Can we show an auditor where a value came from?	Yes. Each value links to the file, page and revision it came from. Every document keeps a history of who opened, reviewed, changed or downloaded it, whether a person, an agent or a process.
Can an agent see more than it should?	No. An agent can never see or do more than the person using it, and access follows your folder and collection permissions.
How do markings and retention work?	Proprietary and confidentiality markings are applied automatically, and controlled records are converted to PDF/A for long-term retention.
Does our data leave our environment?	Adlib runs in your own cloud, with the model you choose.

Procurement and finance

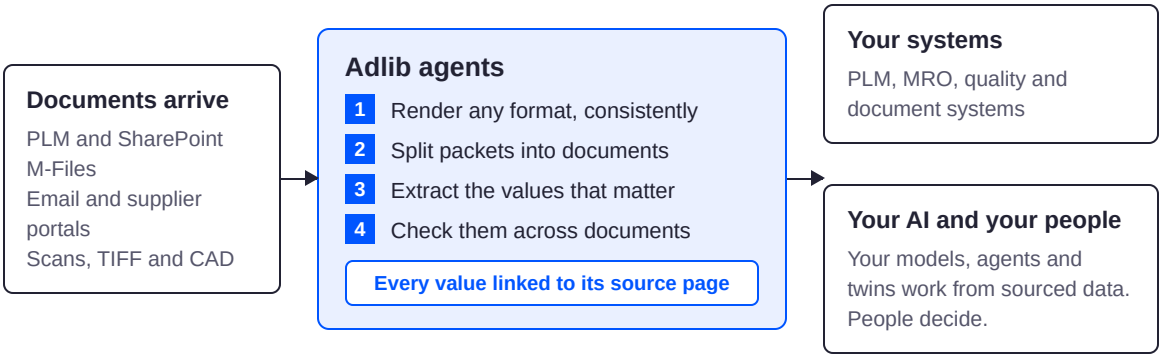
THEY'LL ASK	THE ANSWER
Who is the vendor?	Adlib Software, with 25 years in regulated document work.
What's the first step?	A demo built around a document set you choose. If it's worth going further, we scope the next step with you.
Do we have to replace anything?	No. Adlib works inside the systems you already run.
What's the return?	Built on your own volumes, minutes per document and audit hours, using the worksheet on page 6.

~1M

PLM and quality documents prepared for regulatory purposes across worldwide facilities at **a global semiconductor equipment maker**, supporting its SOX and ISO compliance.

FOR IT, SECURITY, DATA AND AI

It runs in your environment, underneath what you already run



THEY'LL ASK	THE ANSWER
Does it work with our document systems?	Adlib connects to SharePoint Online, M-Files and Exchange Online, with an integration framework and SDK for the rest. PLM and MRO connections are scoped with your team.
Which AI models does it use?	Yours. Bring your own model, and see token use and cost for each job in a dashboard.
Where is our data, and what about export control?	In your own cloud. Every document, extracted value and source link stays in your environment. Your security team reviews it against your export-control requirements.
How do identity and access work?	SSO with your existing identity provider, such as Microsoft Entra ID. Folder and collection permissions apply, and an agent can never do more than the person using it.
What does IT have to do?	No model training and no AI team. IT's part is the connection to your document systems, identity setup and the security review.

At a defense systems manufacturer, engineering specifications, manufacturing work instructions, quality records and supplier documentation all run through Adlib, straight from internal repositories.

CUSTOMER STORIES

Aerospace and manufacturing teams already working this way

From the hangar to the supplier portal to the PLM archive, the same pattern: documents in every format become consistent, searchable records, and the people who do the work get their time back.

~4,000
hours saved a month

An airline's engineering and maintenance division

2.5 million pages a year of maintenance documentation standardized and searchable, so crews find records faster.

90%
less manual intervention

A global aerospace leader: supplier quality

Supplier evidence, including photos and presentations, rendered into secured, watermarked PDFs ready for audits and reviews.

10+ yrs
inside the PLM flow

An aircraft engine manufacturer: engineering documents

PDF/A conversion and watermarking built into engineering document flows across its PLM systems.

~1M
PLM and QC documents

A semiconductor equipment maker: global compliance

PLM and quality documentation prepared automatically across worldwide facilities for SOX and ISO.

96,000 signed inspection certificates a year rendered, marked and published automatically at **a global maritime classification organization**, so surveyors spend their time on safety, not formatting.

ABOUT US

Who we are

Adlib turns the documents your systems can't read into data your people and your AI can use, with every value linked to the page it came from. Adlib has worked in regulated industries for 25 years, alongside the PLM, document and quality systems aerospace and defense teams already run.

25 years
in regulated document work

Your cloud
with the model you choose

Every value
linked to the page it came from

See it on your own documents

Book a demo. Bring a document set your team already struggles with, and we'll show you how Adlib reads it, turns it into data and links every value to its page. Nothing changes in your systems, and there's no platform migration.

Scan to book a demo

ADLIB

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