AutomAssist

AGENTIC AI FOR INDUSTRY

AI agents connected to your industrial systems

AutomAssist builds AI agents for industrial environments, with a focus on maintenance. We connect them to the data sources you already have in place, so the right information is at hand, in the office and on the shop floor.

01

Technical documentation

Manuals, drawings, procedures, supplier datasheets

02

CMMS

Work orders, maintenance history

03

Machines

PLC, SCADA, monitoring

04

Production data

ERP, historian, exports

WHO WE ARE

TESLA

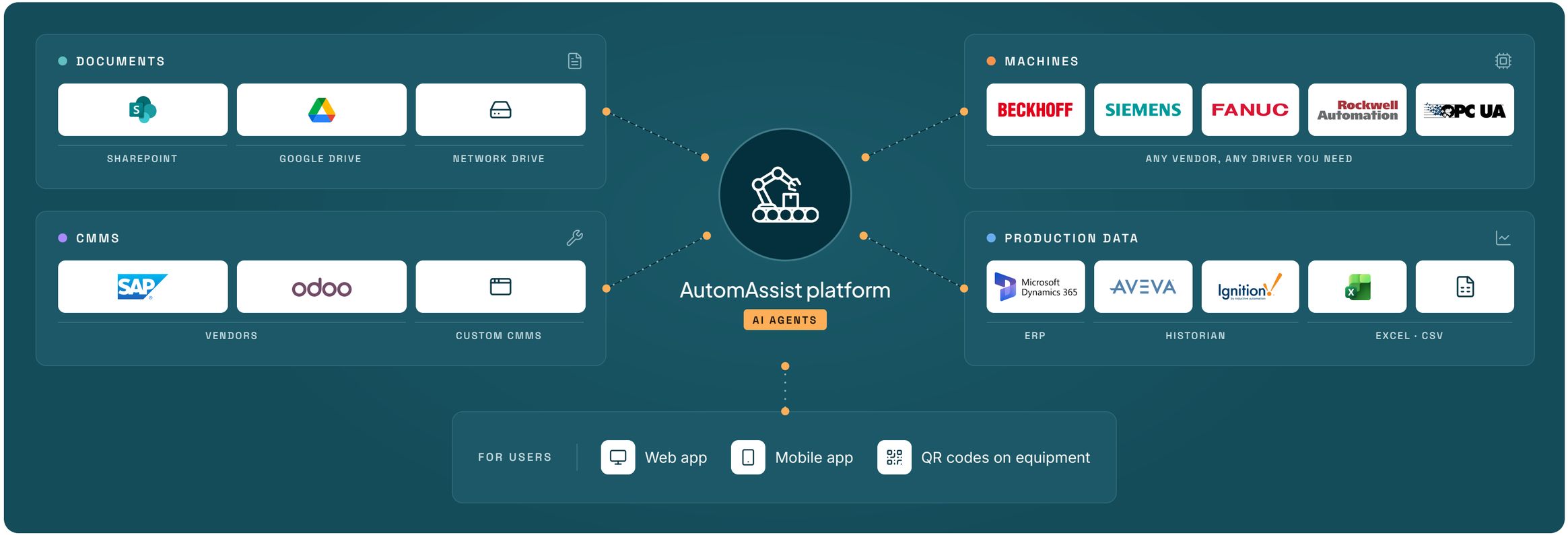
Founders with a background in maintenance and automated production lines

Microsoft

Microsoft partner, available on Azure Marketplace

One platform, many sources, one entry point for technicians

Your data stays in your systems. The agents connect to them, cross-reference the data and answer with their sources.



Your teams keep working in their own tools: the platform stays in sync with them

Every answer cites its sources, one click away

Each agent's business rules are defined with your teams

The right document, in the right place, no searching

HOW IT WORKS

01 SYNC

Your documentation stays where it lives today: SharePoint, Google Drive, network drives. The platform syncs with it and picks up every addition and change.

02 HIERARCHY AND QR CODES

The platform mirrors your physical layout: sites, lines, equipment. Each level gets a QR code, supplied by us or mapped to your existing asset tags.

03 SCAN AND ASK

The technician scans, pulls up the equipment's documents and asks a question. The answer comes back in plain language, with the exact passage it was drawn from.

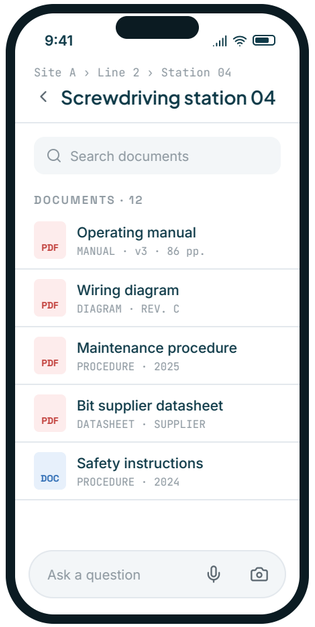
THREE WAYS TO INTERACT

Text	Detailed questions from a workstation or phone
Voice	Hands-free
Photo	HMI alarm messages, nameplates

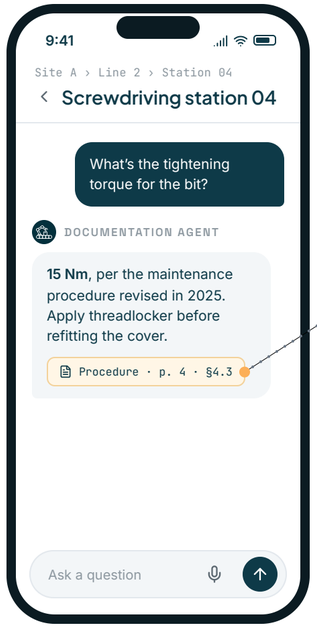
01 QR CODE SCAN



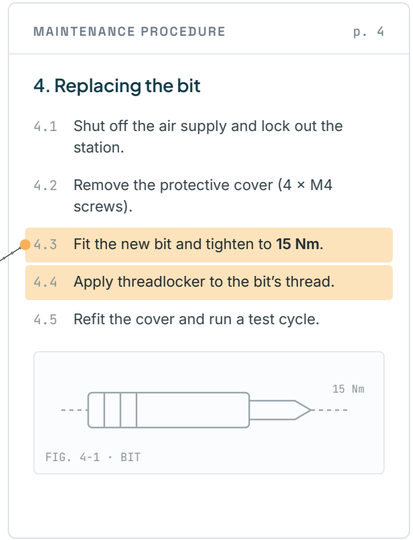
02 EQUIPMENT DOCUMENTS



03 QUESTION AND ANSWER



04 SOURCE PASSAGE



USE CASE 02 · DOCUMENTATION YOU CAN TRUST OVER TIME

Your documentation evolves with your equipment, every change tracked

Version comparison PR-MV-004 — MODIFIED · REMOVED · ADDED

VERSION 2022 REV. A · 03/2022

MAINTENANCE PROCEDURE · SCREWDRIVING STATION — PR-MV-004 · p. 4

4. Replacing the bit

4.1 Shut off the air supply and lock out the station.

4.2 Remove the protective cover (4 × M4 screws).

4.3 Fit the new bit and tighten to **12 Nm**.

4.4 ~~Blow out the bit holder with dry air.~~

4.5 Refit the cover and run a test cycle.



FIG. 4-1 · SCREWDRIVER BIT

VERSION 2025 REV. B · 05/2025 — ACTIVE VERSION

MAINTENANCE PROCEDURE · SCREWDRIVING STATION — PR-MV-004 · p. 4

4. Replacing the bit

4.1 Shut off the air supply and lock out the station.

4.2 Remove the protective cover (4 × M4 screws).

4.3 Fit the new bit and tighten to **15 Nm**.

4.4 Apply threadlocker to the bit's thread.

4.5 Refit the cover and run a test cycle.



FIG. 4-1 · SCREWDRIVER BIT

WHAT CHANGED // summary generated by the agent — REV. A → REV. B

- The recommended tightening torque goes from 12 to 15 Nm, following the supplier's revision.
- The dry-air cleaning step has been removed from the procedure.
- A threadlocker step has been added before the cover is refitted.

VERSIONS

- New versions are detected automatically, based on naming rules agreed with you. Previous versions remain available.
- **Side-by-side comparison**: additions, deletions and edits, page by page. The agent explains what changed and why it matters.
- **Change history**: every addition, edit and deletion is logged.

METADATA AND TAGS

Every document carries tags: type, supplier, equipment, line. They're used to filter, find and file each document in the right place.

TYPE **PROCEDURE** · SUPPLIER **A** · EQUIPMENT **STATION 04** · LINE **2**

- Generated automatically on import, in bulk if needed
- Bulk updates by CSV file when your organization or suppliers change

DOCUMENT REPOSITORY AUDIT

- An agent checks your document repository (SharePoint, Google Drive, network drives) against your rules: empty folders, duplicates, multiple versions, misfiled documents.
- Rules can be predefined, written by your teams or drawn from a reference document.
- **Output**: a written report listing the folders to fix.

USE CASE 03 · DIAGNOSING A MACHINE FAULT

From alarm to suggested fix, with sources

An error code is not an explanation. The agent reads the fault, puts it in context and suggests a fix, citing where it comes from.

SOURCES

PLC / SCADA

alarms, error codes

BECKHOFF · SIEMENS · FANUC · Rockwell Automation · OPC UA

TECHNICAL DOCUMENTATION

Manuals · Drawings · Datasheets

CMMS

Maintenance history, past work orders

SAP · odoo

DIAGNOSTIC AGENT

01 Reads the alarm or error code

ALARM 4012 · LOW AIR PRESSURE

02 Searches the equipment documentation

EQUIPMENT MANUAL · §6.2

03 Cross-checks past interventions on this equipment or similar equipment

WO-2291 · WO-2317 · 2 SIMILAR CASES

OUTPUT

Suggested fix

with links to the manual and to similar interventions

ALARM 4012 · LOW AIR PRESSURE

Check the filter-regulator at the station inlet, then the clamping cylinder seals.

MANUAL · §6.2 · WO-2291 · WO-2317

WHO IT'S FOR

- Recurring faults that always get fixed the same way
- New or less experienced staff on a given machine

USE CASE 04 · CARRYING OUT AND CLOSING A MAINTENANCE JOB

One conversation, from work order to report

The person who writes the work order is not the one who carries it out. The agent bridges the two, then closes the loop in the CMMS.

STEP 01

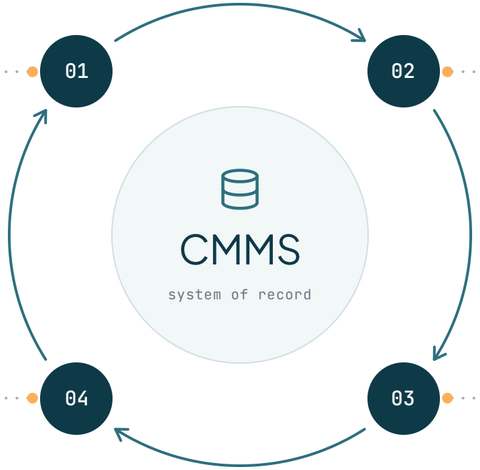
Work order

Scan the equipment and every open work order appears, synced from your CMMS

STEP 02

Preparation

The technician questions the work order and its documentation in a single conversation



STEP 04

Close-out

Job report generated from the conversation, in your own template, then sent back to the CMMS

STEP 03

Execution

Text or voice while working, with assisted diagnosis when needed

WHAT CHANGES

Consistent records across technicians, teams and sites

A fuller, more usable maintenance history, for the CMMS and for every tool that relies on it

Less time on paperwork, more time on the equipment

USE CASE 05 · QUERYING PRODUCTION DATA

Your KPIs on demand, no fixed dashboards

A dashboard answers the questions you planned for. **An agent also answers the ones you didn't.**
Any metric, over any time frame. On demand.

HOW IT WORKS

- The agent connects to your production database, a historian or a simple export
- It answers with the right chart: a line's OEE over a period, a KPI trend, a comparison across lines or periods
- Recurring reports (daily briefing, monthly review) go out automatically by email, in the agreed format

OEE, line 2

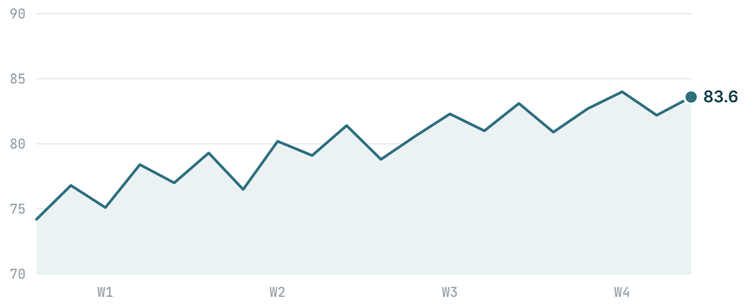
What's the OEE of line 2 over the last four weeks, excluding technical stops?

REASONING

- Source `production database · downtime table`
- Scope `line 2 · 20 working days`
- Filter `technical stops excluded`
- Calculation `daily OEE, in %`

OEE, line 2, excluding technical stops

daily OEE in % · last 4 weeks



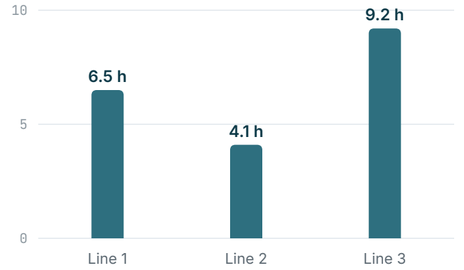
OEE rose from 74.2% to 83.6% over the period, averaging 79.9%.

Unplanned downtime

Compare unplanned downtime across the three lines this month.

Unplanned downtime by line

total hours · month to date



Line 3 accounts for the most unplanned downtime this month.

HOW WE WORK WITH YOUR TEAMS

Agents built with your shop-floor teams

01

Built on what you already have

We don’t replace your CMMS, your ERP or your automation. We connect to them. The more sources connected, the more value the agents deliver.

YOUR SYSTEMS // kept as they are

CMMS | ERP | AUTOMATION

CONNECTED SOURCES // site A — 3 / 4

- Technical documentation — CONNECTED
- CMMS — CONNECTED
- Monitoring (SCADA) — CONNECTED
- Production data — TO CONNECT

02

Business rules, defined together

Which sources to check, in what order, what goes into a report: these rules are set with your teams and can differ from one site to the next.

BUSINESS RULES // per site

SITE A

SOURCES	→ Documentation, then CMMS
ORDER	→ Equipment manual before supplier datasheet
REPORT	→ Cause, action, parts replaced

SITE B

SOURCES	→ CMMS, then documentation
ORDER	→ Equipment manual before supplier datasheet
REPORT	→ Cause, action, time spent

03

Continuous improvement

Every answer cites its sources, so it can be checked. Field know-how is kept in the agents’ memory. Each agent is tested on evaluation datasets and monitored in production, so it stays reliable as your data changes.

FEEDBACK LOOP // continuous

- **Sourced answer** — verifiable in one click
- **Technician feedback** — collected and built in
- **Kept in memory** — field know-how, by rule or on request
- **Agent tested and refined** — evaluation datasets, production monitoring

DEPLOYMENT AND ROLLOUT

Deployed in your environment, run by your rules

Where

- On your servers or your cloud tenant, your choice
- Data, files, backups and processing stay with you
- Optional self-hosted open-source models
- Available on Azure Marketplace

AZURE MARKETPLACE

Security and access

- SSO through Microsoft Entra ID (formerly Azure AD)
- Named licenses, with roles and permissions per team
- Software bill of materials (SBOM) and vulnerability reports provided

Operations

- Monthly security patches, yearly feature releases
- No production update without your approval
- Automated backups and regular restore tests

GETTING STARTED IN TWO STEPS

01 **Scoping workshop**

With your maintenance and IT teams

SCOPE · SOURCES TO CONNECT · PRIORITY USE CASES · DEPLOYMENT MODEL

02 **Pilot line**

Then with a small group of users

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AutomAssist