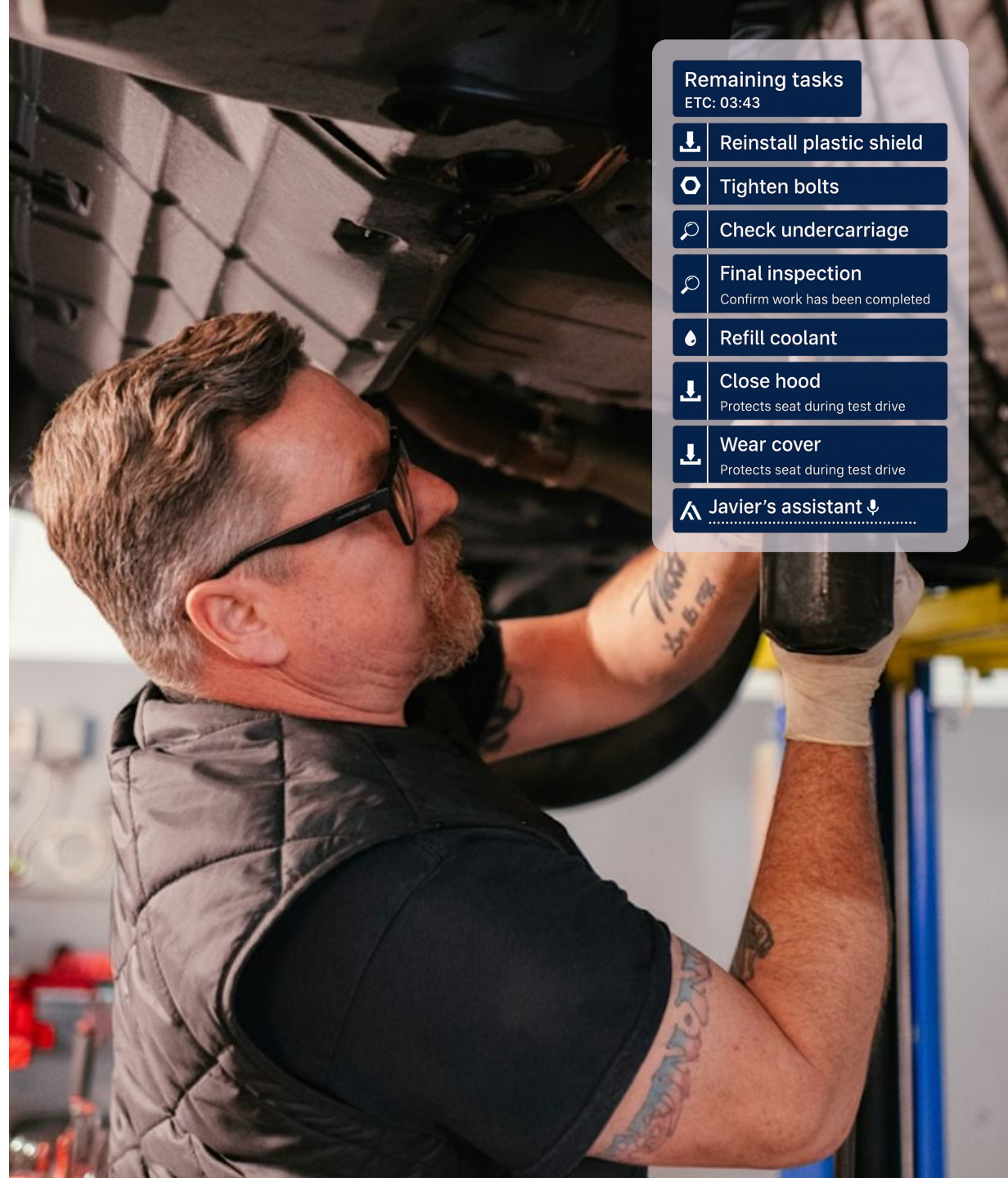


Visor by AutoAlign AI

Building AI-Augmented Workforces



Remaining tasks

ETC: 03:43

Reinstall plastic shield

Tighten bolts

Check undercarriage

Final inspection

Confirm work has been completed

Refill coolant

Close hood

Protects seat during test drive

Wear cover

Protects seat during test drive

Javier's assistant

Leveraging 40+ Years of Experience Building Reliable AI Systems

AutoAlign brings **deep AI expertise** to every deployment.

Grounded in decades of experience delivering mission-critical technology. Trusted across industries including healthcare, finance, and manufacturing.

AutoAlign has assembled a world-class AI team from top global labs and academic institutions.



EXIGER



UNIVERSITY OF
TORONTO

McGill



ARMILLA



OUTSIDEIQ



Combinator

UNIVERSITY OF
WATERLOO



University
of Windsor

UC Berkeley

When Workforces Stall, Operations Suffer

Delays, idling, training and rework are draining time from production and profit from the bottom line

33%
1 in 3 jobs redone

First time fix rates of 67% means significant losses.

27%
Shift Lost

Technicians spend 27% of their time searching through manuals, calling experts, or waiting for answers.

42%
Churn Rate

Most companies lose 42% of their workforce before being able to train them to expert levels.

The churn leads to significant gaps in team knowledge and productivity.

\$250,000 + / hour
average cost of unplanned downtime in manufacturing. (Aberdeen Group)

22 Days per Year
Average technician loses 22 days per year to delays, miscommunication, and lack of real-time support. (Service Council)

AutoAlign AI



Visor delivers AI-augmented workforce solutions for complex industries.

Visor enables **faster onboarding** and **higher productivity** with hands-free real-time guidance and training, troubleshooting, error-reduction, visual QC, and process automation.

NVIDIA has integrated AutoAlign into their NeMo Guardrails project

Enabling best-of-breed safety controls for NeMo platform users

```
rails:
  config:
    autoalign:
      parameters:
        endpoint: "https://<AUTOALIGN_
multi_language: False
input:
  guardrails_config:
    {
      "pii": {
        "enabled_types": [
          "[BANK ACCOUNT NUMBER]"
          "[CREDIT CARD NUMBER]"
          "[DATE OF BIRTH]",
          "[DATE]",
          "[DRIVER LICENSE NUMBE
          "[EMAIL ADDRESS]",
```



Trusted by Industry Leaders

KPMG's Trustable AI now integrates with AutoAlign

Enabling corporations to operationalize compliance controls.

KPMG successfully deployed and tested AutoAlign, ensuring industry-leading reliability.

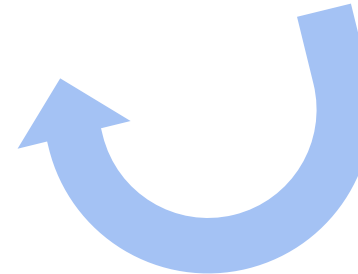
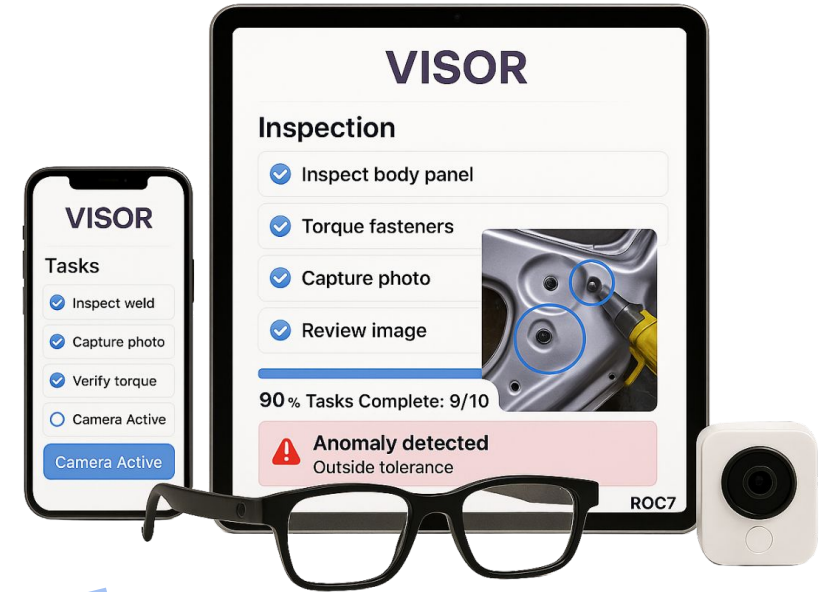
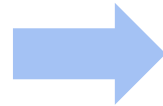
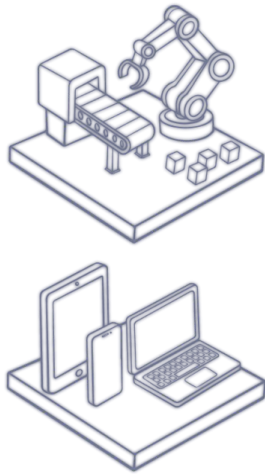


KPMG Trusted AI

Solution

How Visor Works

Visor, understands and applies your technical documentation, sensor data, videos, and images to interpret real-world conditions and deliver intelligent, context-aware support.



Technical documentation, sensor data, videos, historical incidents, and maintenance notes can be fed into Visor

Visor learns from both your content and from use to become an expert assistant

The Visor Assistant can be used hands-free through mobile devices or smart-glass platforms, learning from its use

Solution

Hardware

Visor smart glasses are IP65, MIL-STD-810G, and ANSI Z87.1 certified, ensuring resistance to water, dust, and impact damage.

Visor can also work with other hardware manufacturers including Vuzix.



From Factories to Service Centers

Helping frontline workers troubleshoot and prevent issues, stay safe, and operate more efficiently.

Technical Troubleshooting

Integrated with your EAM, MMS, QMS, it delivers real-time checklists and a realtime brainstorming companion for technicians and engineers.

Error Reduction, Visual QC and Compliance

Visor can prevent issues with real time visual inspection and monitor adherence to procedures, recording compliance and ensuring safety.

Training and Guided SOPs

Provide in-context guidance for new workers, rare procedures or complicated SOPs. Increase efficiency and quality.

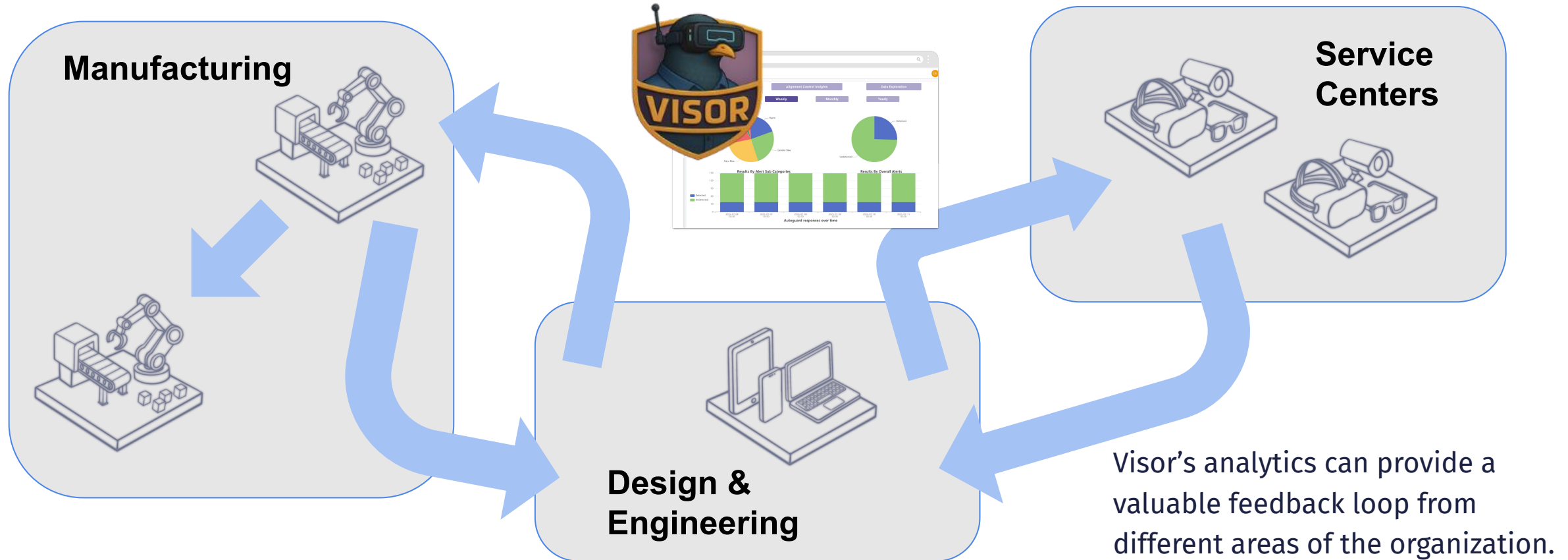
Process Automation

Accurately record and automate actions based on events, steps to streamline processes such as generating logbook entries, invoices, qc checklists and work orders.



Capture Tribal Knowledge for Use Across the Organization

Visor's AI Fabric solution captures and makes tribal knowledge accessible across sites and teams. A repair from one center can provide training and troubleshooting to another center, or can be used across the product life cycle between engineering, methods and production.





Visor Example

Use Cases

Applicable across automotive manufacturing and service centers, supporting technicians, inspectors, and engineers throughout the repair and production process.

Training & Guidance

Deliver in-line training for service technicians and production workers as they fix, assemble, inspect, and maintain equipment.

- ❑ Reinforces correct procedures through step-by-step visual and guided instructions.
- ❑ Tracks task performance and cycle times to improve consistency and skill proficiency.
- ❑ Incorporates gamified scoring and recognition to motivate engagement and continuous improvement.



Technical Assistance & Troubleshooting

AutoAlign creates an AI-augmented assistant that empowers technicians:

- ❑ Increased efficiency troubleshooting and reduction in support calls
- ❑ Automated QA that alerts to reduce errors and return visits
- ❑ Technical troubleshooting and debugging support
- ❑ Creating in-context learning for on-the-job training



On-site vehicle photos + video auto-generates repair schematics and parts list.

ENGINE REPAIR & MAINTENANCE

General Information

DESCRIPTION
This section covers common procedures for inspection, troubleshooting and service of major and minor components.

REMOVAL

1. Disconnect battery ground cable.
2. Drain cooling system.
3. Relieve fuel system pressure.
4. Remove engine cover and accessory components as necessary.
5. Detach wiring harness connectors, fuel lines, and hoses.
6. Support engine with suitable lifting device and remove engine mount bolts.
7. Carefully lift engine out of vehicle.

CLEANING & INSPECTION
Clean all components thoroughly, inspect parts for wear or damage and replace as necessary.

INSTALLATION

1. Lower engine into the vehicle and align with engine mounts.
2. Install engine mount bolts and torque to specification.
3. Attach wiring harness connectors, fuel lines, and hoses.
4. Install engine cover and accessory components.
5. Fill cooling system and install battery ground cable.

TORQUE SPECIFICATIONS

Connecting rod bolts: 56-40 Nm (22-30 ft-lb)
Main bearing cap bolts: 60-70 Nm (44-52 ft-lb)
Cylinder head bolts: 90-100 Nm (66-74 ft-lb)

Fig. 1. Exploded view of engine components

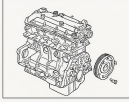



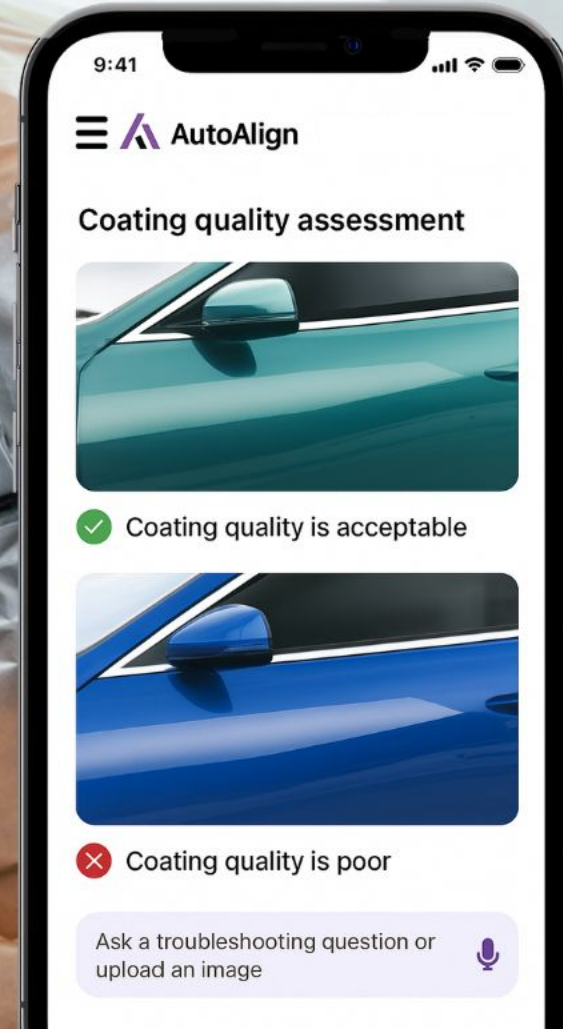
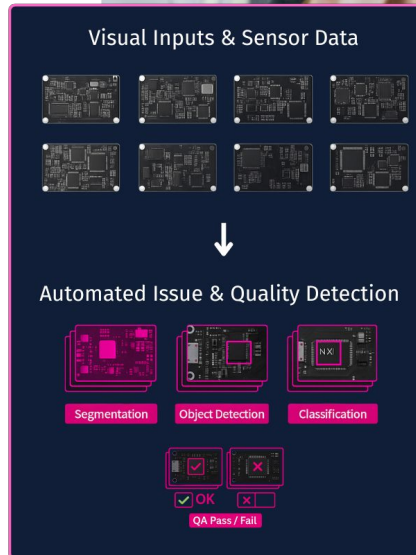
Fig. 2. Measuring cylinder bore diameter



Automated Issue & Quality Detection

Real-time feedback and alerts from visual and sensor data.

- Verifies process accuracy and detects deviations.
- Alerts staff to defects or unsafe conditions in real time.
- Captures steps for traceability and compliance.
- Ensure proper quality control steps are followed.
- Real-time feedback and alerts from visual and sensor data.



Use Cases

Efficiency & Streamlined Processes

Visor's agentic workflows can increase productivity and decrease errors by automating the initial input for:

- Create drafts of workbook and maintenance logs.
- Generation of invoices, work orders and tracking documentation with a CMMS.
- Parts and process verification.
- Escalation to remote support when needed.



Painting Technical Support Assistant

AutoAlign integrates images, real-time sensor data and other multimodal content to create deeply verticalize expert system for assisting automotive painters with an ROI exceeding 2000%

92%

Detection of Common Issues

Automated issue detection: detecting over 92% of common issues prior to paint application

76%

Solved on Site without Escalation

In-place troubleshooting: solving over 76% of problems before they reach advanced technical support teams

30 Min

Time Saved Per Repair

Streamlining operations: matte analysis saving over 30 minutes of manual work per repair

BASF

We create chemistry



Ready to Transform Your workforce?

www.autoalign.ai
hello@autoalign.ai



1. Deep Dive

Two hour deep dive learn the details of your workforce, systems, and current processes

2. Proposal

We'll analyze your specific use cases and provide a tailored implementation plan

3. 90 Day Pilot

A 90-day pilot to see Visor's impact firsthand



AutoAlign AI

Download our technical whitepaper

