

CUSTOMER CASE STUDY

Automotive manufacturer cuts access-control integration from 18 months to under eight

About Powerfleet

Powerfleet is a global leader in the artificial intelligence of things (AIoT) software-as-a-service (SaaS) mobile asset industry. With more than 30 years of experience, Powerfleet unifies business operations through the ingestion, harmonization, and integration of data, irrespective of source, and delivers actionable insights to help companies save lives, time, and money. Powerfleet's ethos transcends our data ecosystem and commitment to innovation; our people-centric approach empowers our customers to realize impactful and sustained business improvement. The company is headquartered in New Jersey, United States, with offices around the globe.

REGIONS

North America

BUSINESS & INDUSTRY

OEM automotive manufacturing

OPERATIONAL FOOTPRINT

North American manufacturing footprint

SOLUTION DEPLOYED

Warehouse IoT Enhanced Access Control (EAC)

AIMS

Simplify HRIS/LMS integration, accelerate access-control projects, speed equipment access for newly certified operators, close offboarding access gaps

RESULTS

Under 8 months to value | Less than half the comparative cost | Newly certified operator equipment access in <1 business day | Offboarded accounts suspended on confirmed HRIS action

Background

A global OEM automotive manufacturer runs digital transformation programs across its North American manufacturing footprint, including initiatives that integrate equipment access control with existing HR and training systems.



Challenge

Before scoping projects, staff, contract operations, and IT teams had to understand the company's HRIS and LMS environments and determine the best way to integrate them with access control. This contributed to project timelines of six to eighteen months and delayed the productivity gains those projects were intended to deliver.

Manual processes also affected day-to-day equipment access. Newly certified operators could wait two to three workdays for access to be updated, while offboarded manager and operator accounts could remain active for one to three business days.



● The solution

Warehouse IoT Enhanced Access Control provided a pre-integrated approach to connecting access control with the manufacturer's existing HR and training systems, supporting a more automated workforce authorization process.



Pre-integrated access control

Teams can work from a pre-integrated platform rather than reverse-engineering HRIS and LMS integration from scratch for every project, reducing the work required before projects can be scoped and implemented.



Automated certification updates

Operator competency and certification transcript data are ingested automatically each morning before shift start, keeping equipment access current without manual access-group updates.



Automated offboarding

Optional HRIS integration can suspend manager and operator accounts as soon as an offboarding action is triggered and confirmed.

The Results

Projects that previously took six to eighteen months because of HRIS/LMS integration complexity can now be scoped and kicked off within three months and completed within another three, delivering value in under eight months at less than half the comparative cost.

Newly certified operators gain access faster



Equipment access updates with the next transcript-import cycle, typically in less than one business day compared with two to three workdays previously, and as frequently as the next shift.

The offboarding access window closes



With HRIS integration, manager and operator accounts are suspended as soon as the offboarding action is triggered and confirmed, replacing the previous one-to-three-business-day delay.

KEY PROOF POINTS

**UP TO 18 MONTHS
→ UNDER 8**

Project time to value.

1

**LESS THAN
HALF**

Comparative project cost

2

**2–3 WORKDAYS
→ <1 BUSINESS
DAY**

Equipment access update time for newly certified operators.

3

**1–3 BUSINESS DAYS →
IMMEDIATE ON CONFIRMED
OFFBOARDING**

Account suspension time.

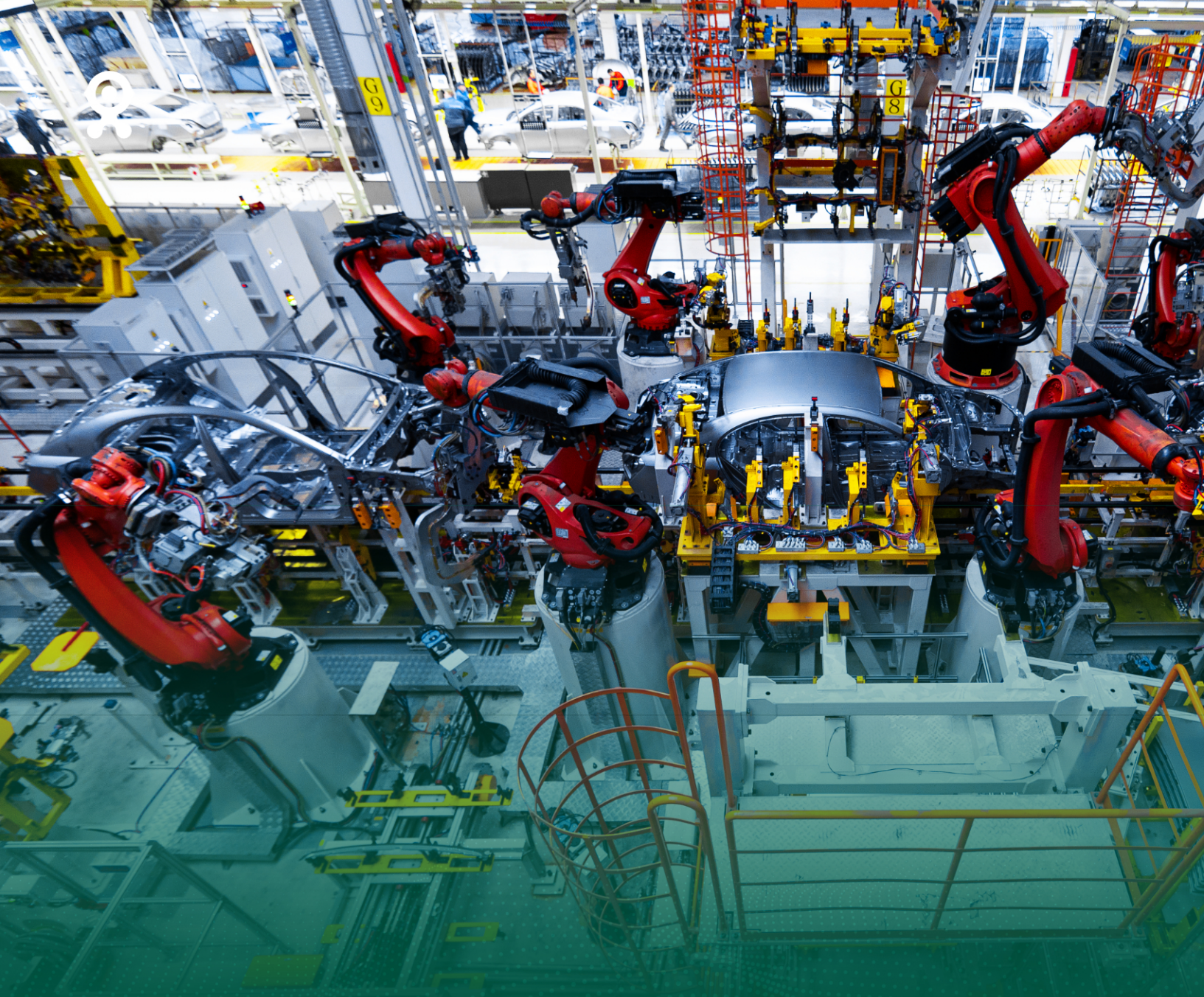
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Customer perspective



“Every digital transformation project used to start with months of untangling how our HRIS and LMS would even talk to the access control system. That alone could push a project out six to eighteen months. With EAC’s model, our teams scope and launch in a fraction of that time – under eight months to value, at less than half the cost we used to plan for.”

— Director of Digital Manufacturing, Global OEM Automotive Manufacturer



Conclusion

By simplifying HRIS/LMS integration and automating workforce authorization, Warehouse IoT Enhanced Access Control helps this manufacturer move access-control projects forward faster while keeping equipment access aligned with changes in operator qualification and employment status.