

# ATS Global Innovation

BUSINESS GROWTH AND SUSTAINABILITY



ROUTE TO DIGITAL TRANSFORMATION

# Atlas in Manufacturing

OUR SOLUTIONS FOR YOUR PROCESSES



## Asset Management

Data Mapping  
Machine Connections  
Asset Care



## Product Knowledge

Serialisation  
Visual Analysis  
Dimensional Analysis



## Process Knowledge

Continuous Production  
Manufacturing  
Assembly



## Order Management

Order Processes  
Inventory & Product Flow  
Business Improvement

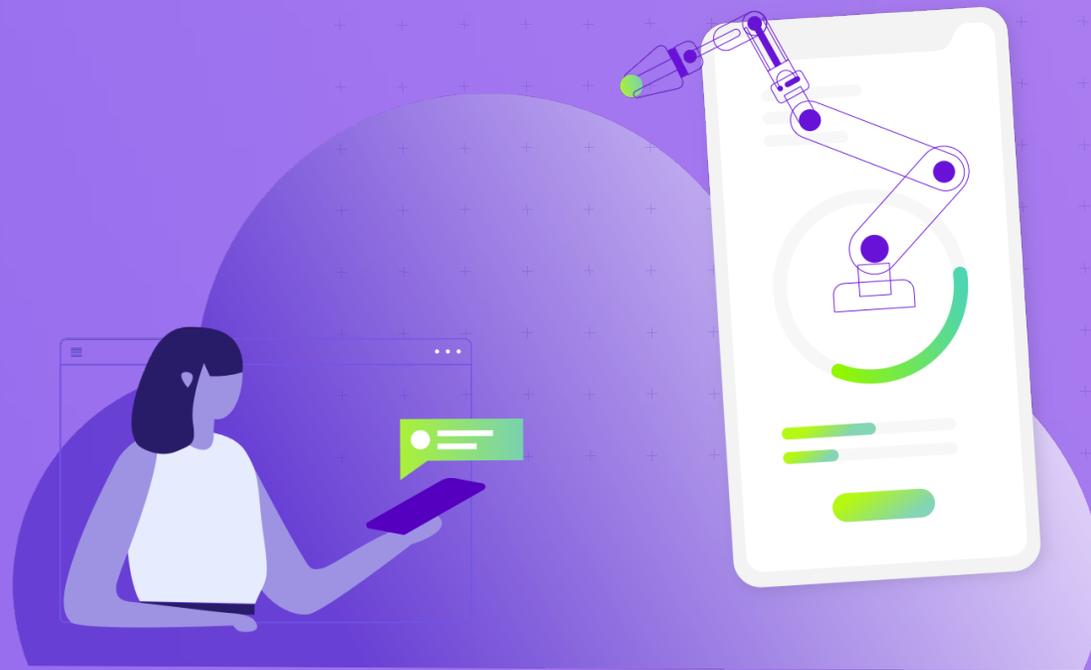


## Quality Control

Quality Inspect  
Visual Inspect System  
Non-conformance Analysis

Total Care – Global 24/7 Support

# Atlas Cloud



# Atlas Cloud

CHANGE THE SYSTEM



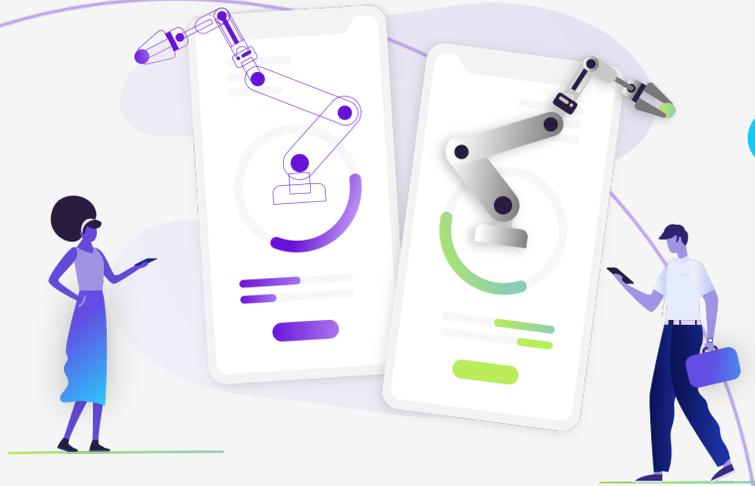
 **Atlas**  
**Play**

PROCESS



APQC  
ALIGNMENT &  
BENCH MARKING

 **Atlas**  
**Optimise**  
RESOURCE



 **Atlas**  
**Boost**  
DATA



# 'Factoris' Knowledge Base



## HOW IT WORKS

Supply Chain	CERTIFICATE OF CONFORMANCE	QUALITY CONTROL	PROGRESS REPORTING	MEASUREMENT & TEST	DESIGN DATA MANAGEMENT
Manufacturing Engineering	LEAN & 6 SIGMA	CONTINUOUS IMPROVEMENT	BILLS OF PROCESSES	ENGINEERING TO MANUFACTURING	NON-CONFORMANCE SOLUTIONS
Manufacturing Process	SET UP MACHINES	KANBAN CONTROL	AT-LINE TESTING	ASSET CARE	ASSEMBLY PROCESSES
Maintenance Management	MAINTENANCE PROCEDURES	CORRECTIVE MAINTENANCE	PRODUCTION SUPPORT	SPARE PART MANAGEMENT	PREDICTIVE MAINTENANCE
Logistics and Warehousing	GOODS IN	SUPPLY CHAIN INTEGRATION	GOODS OUT	STOCK MAINTENANCE	TO & FROM PRODUCTION
Repair & Overhaul	TEARDOWN PROCESS	MANUFACTURE	ADDITIVE MANUFACTURE	ASSEMBLY & TEST	BUILD & REPAIR HISTORY



Common Sense  
+  
Common Understanding



Customers and Supply Chain

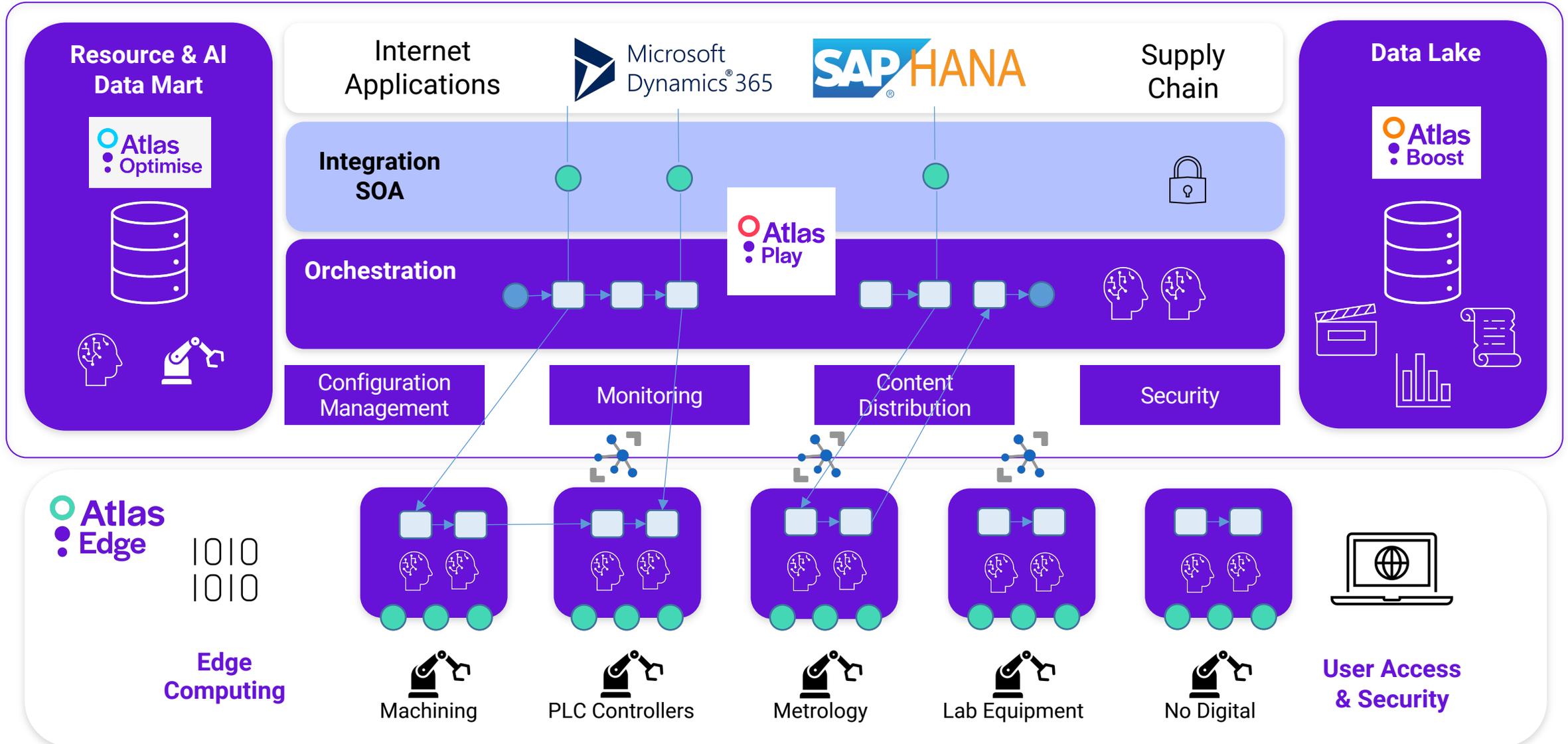
# Atlas for Industry



# Atlas for Industry

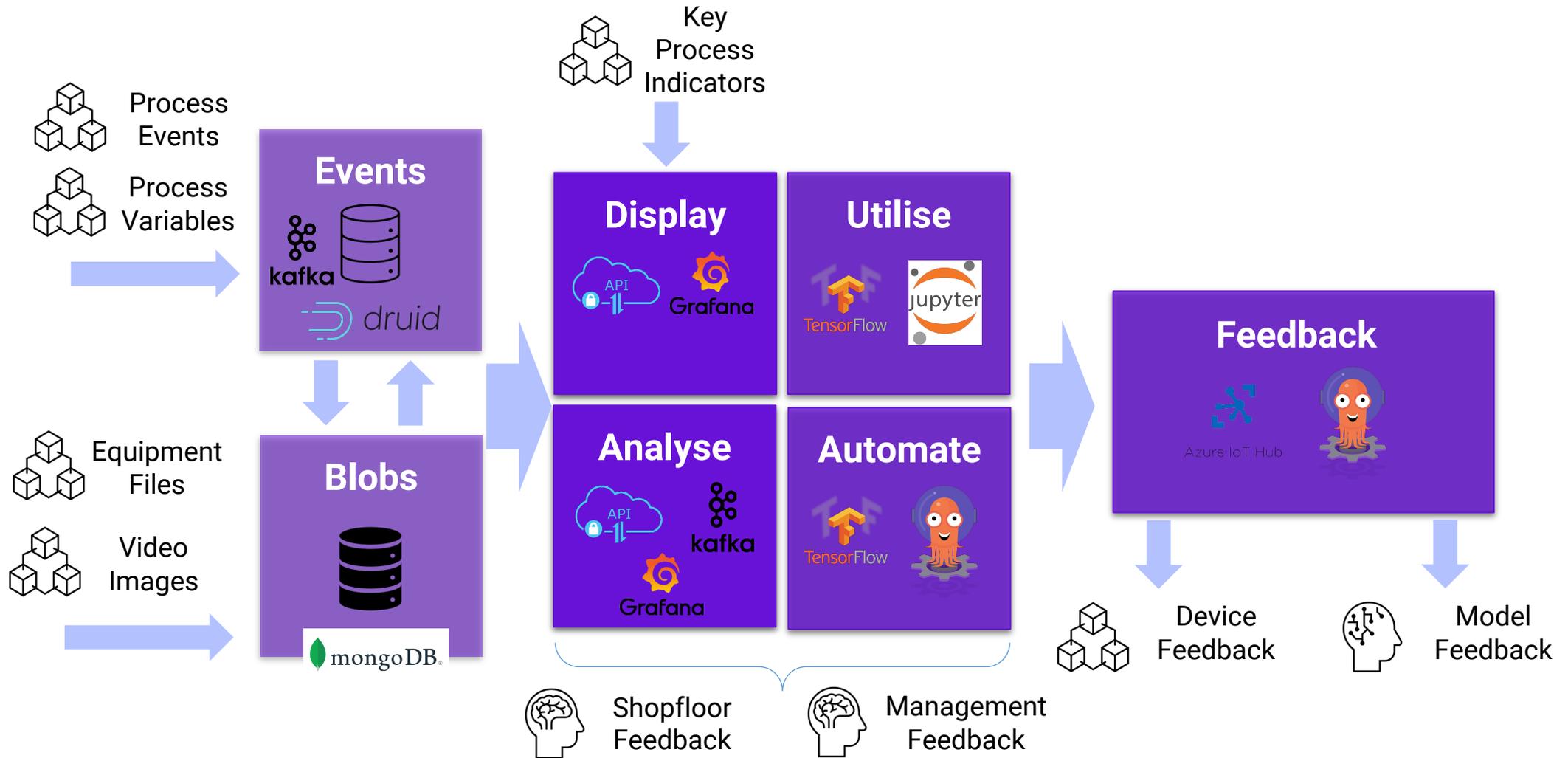
INDUSTRIAL CLOUD SOLUTION ARCHITECTURE

Microsoft Azure



# Atlas Boost

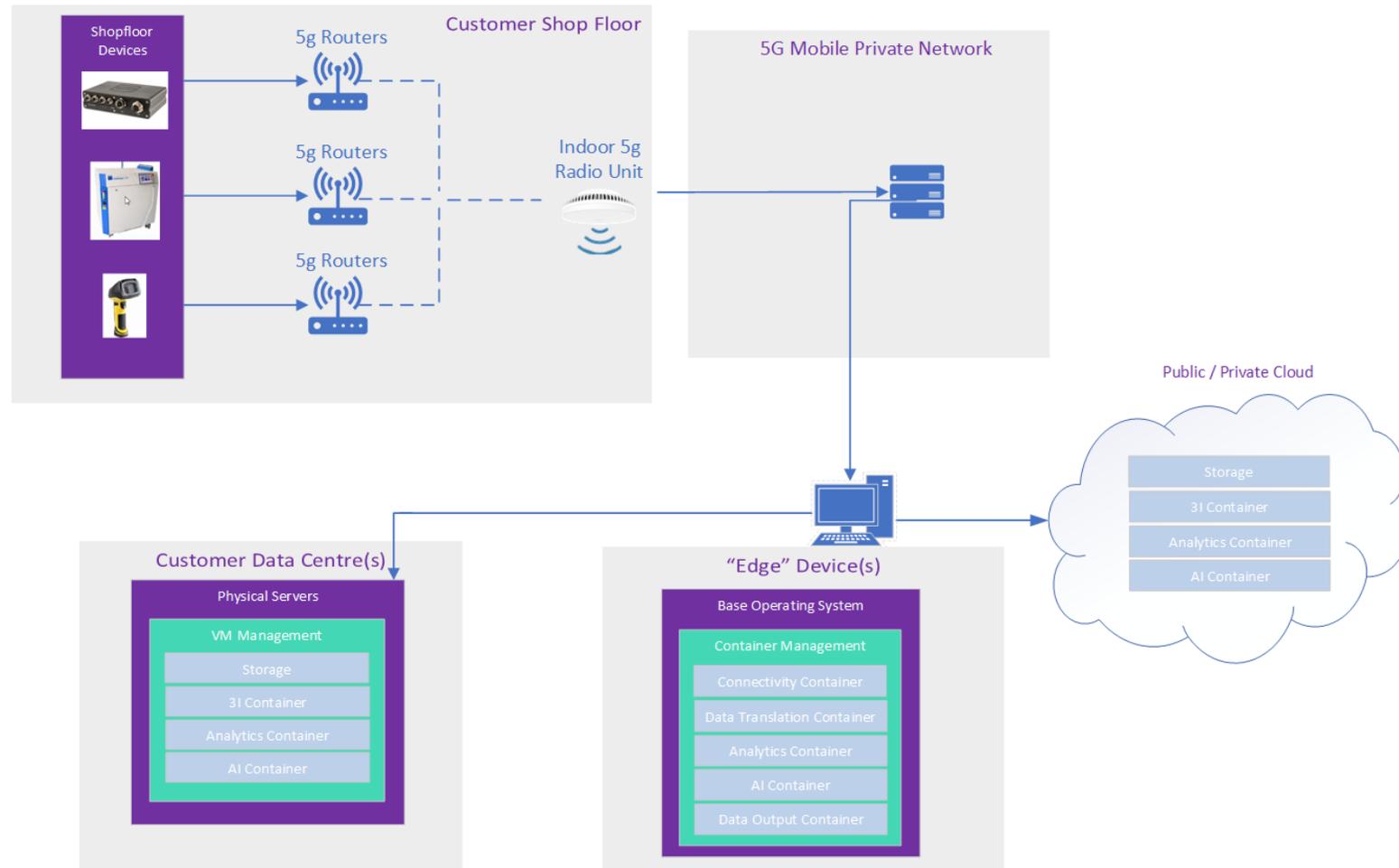
INFORMATION INTO INSIGHT



# Atlas Edge



CONTINUOUS INTEGRATION  
CONTINUOUS DELIVERY  
CONTINUOUS IMPROVEMENT

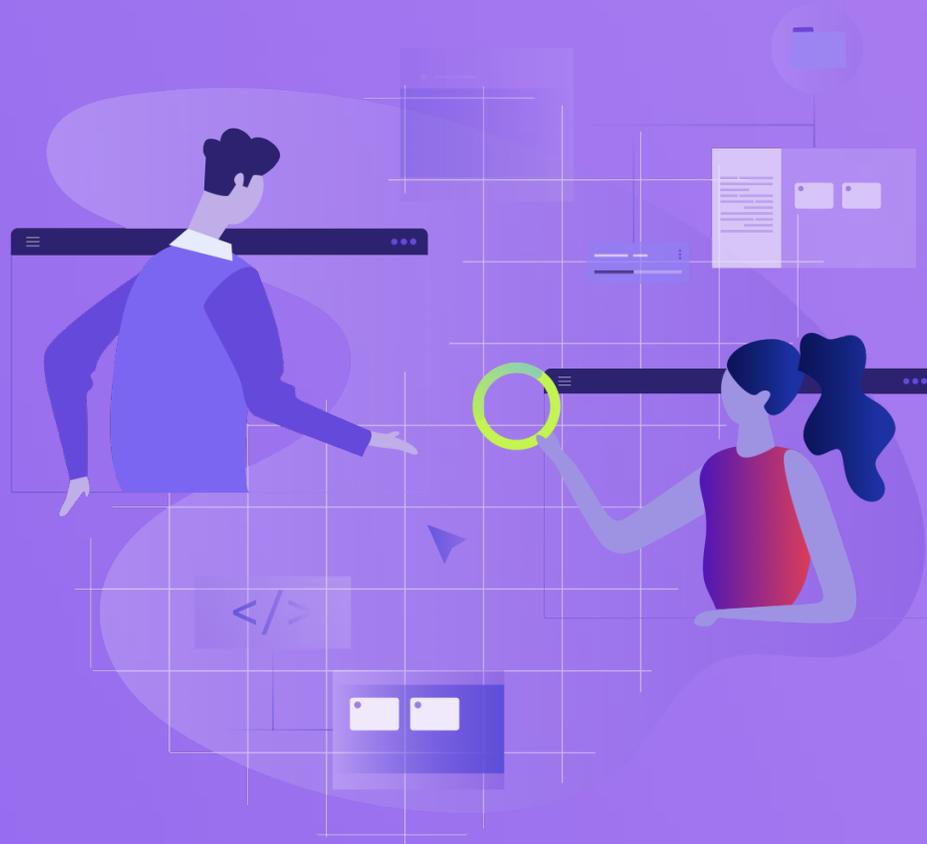


“

**Our trusted experts lead  
manufacturers in their  
digital transformation  
to achieve sustainable  
operational excellence.**

”

# Atlas Products

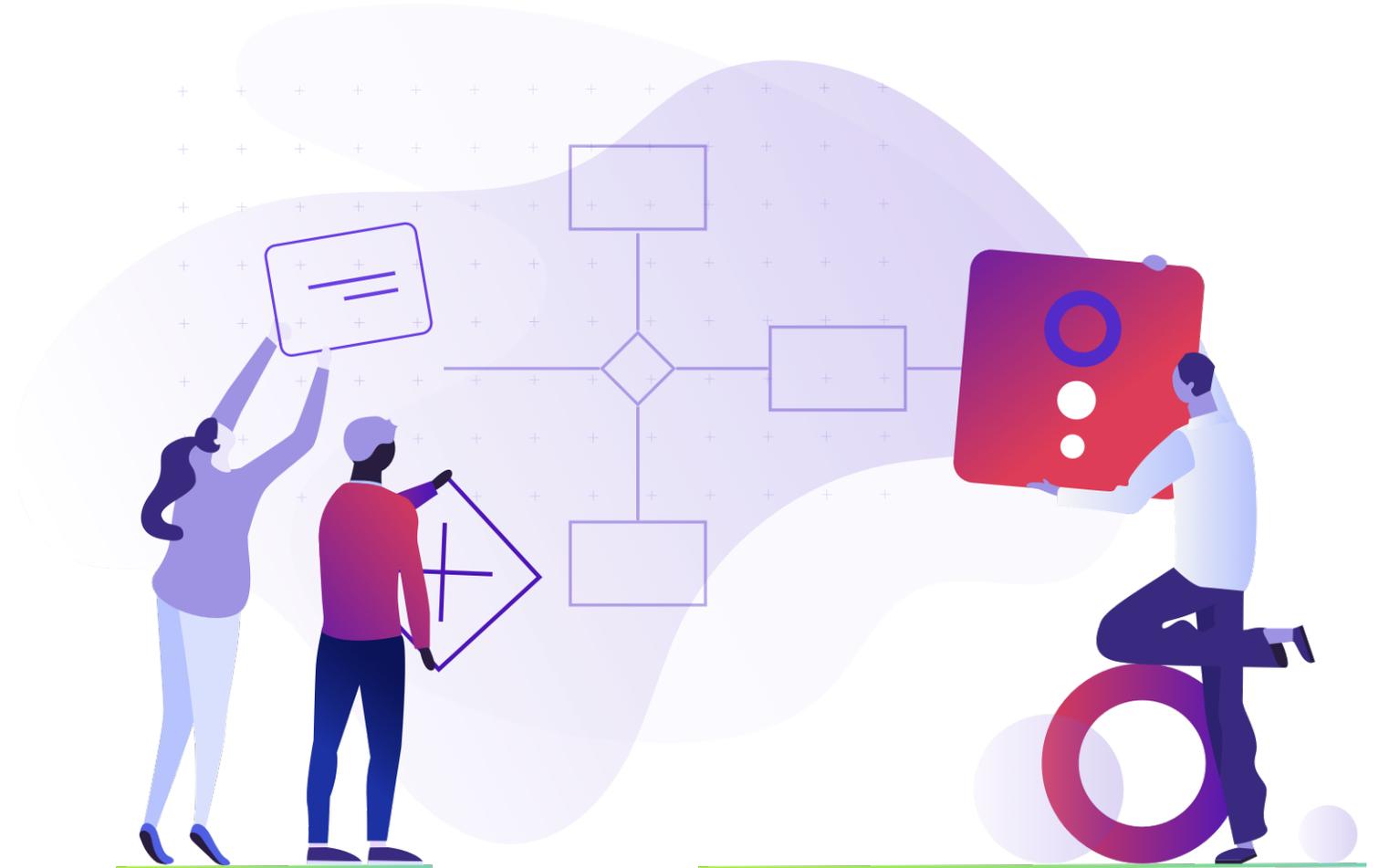


# Atlas Play

CHANGE THE SYSTEM



- Standardise Business Process
- Process Planning
- Task Management
- Role Management
- API Integration
- Smartphone Application
- Company Data Management
- Notifications



# Atlas Optimise

STANDARDISE AND OPTIMISE



- People Management
- Equipment Management
- Skills Management
- Inventory Management
- Location Management
- Tooling Management



# Atlas Boost

INFORMATION INTO INSIGHT



## Our Domain

- Sematic Data Models
- Data Cleansing
- Data Types Analysis
- Hot Path Analysis
- Event Driven Context Data
- Warm Path Analysis
- Cold Path / Historical Data
- Multi Tenancy Data
- Data Security
- Machine Learning
- Container Scaling



## Operations Excellence

- Task Time Analysis
- Benchmarking
- Happy Path Analysis
- Total Cost Analysis

## Continuous Improvement

- Predictive Maint
- Right First Time
- OEE + Six Sigma + Lean
- Defect Analysis
- Non-Conformance Analysis

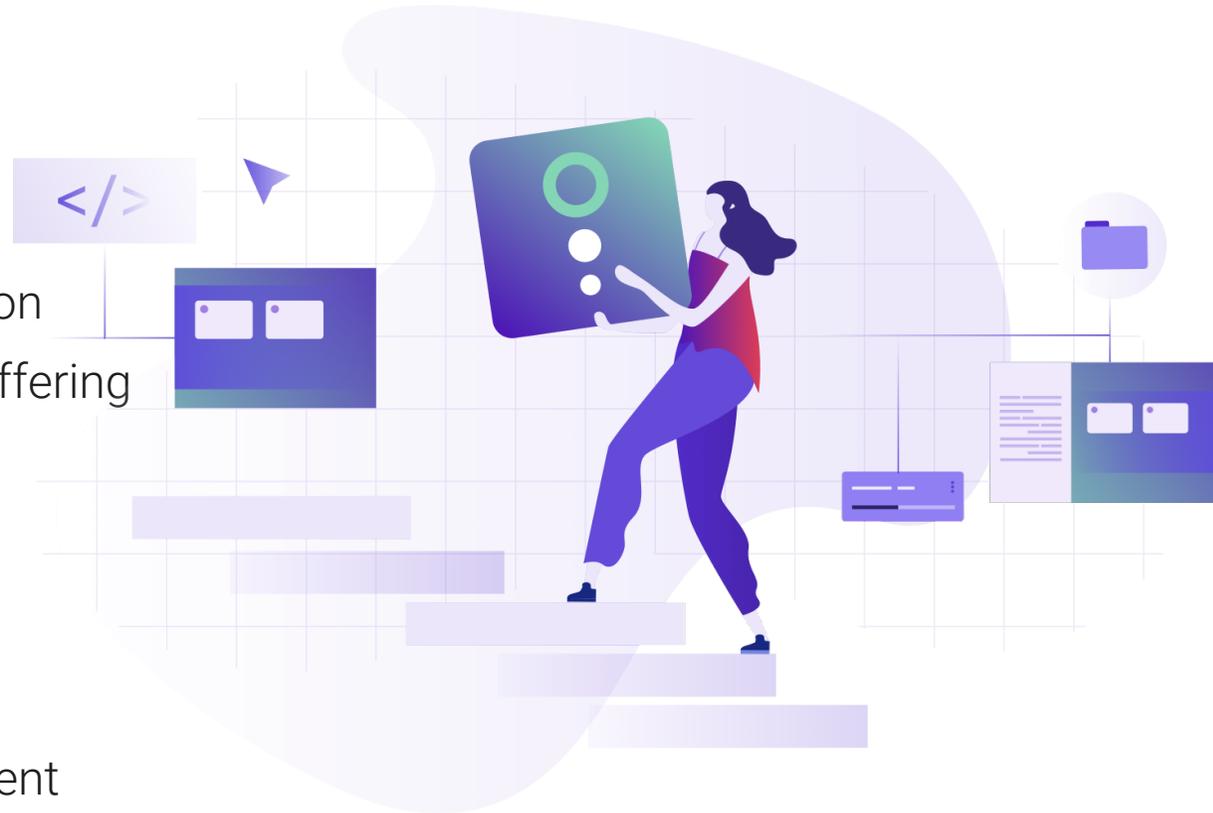
# Atlas Edge

IMAGINE THE IMPACT



## Our Domain

- Edge Computing
- IoT sensors
- Equipment Connection
- Data Storage and Buffering
- Edge Analytics
- KPI Calculations
- Edge Feedback
- 5G to Cloud
- Container Management
- I3.0 Integration
- Total Support



## Operators

- Right Information
- Right Place
- Right Time
- Invisible Technology

## Supervisors

- Task driven manufacturing
- Exception planning
- Resource Monitoring
- Resource Alerting
- Reconfigurable Technology

# Thank You

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