

ADDVERB



Pioneering the Future of
Automation

About

Addverb

Addverb is a pioneer in the global robotics landscape, offering innovative warehouse automation solutions with intelligent robots, powered by AI-driven modular software.

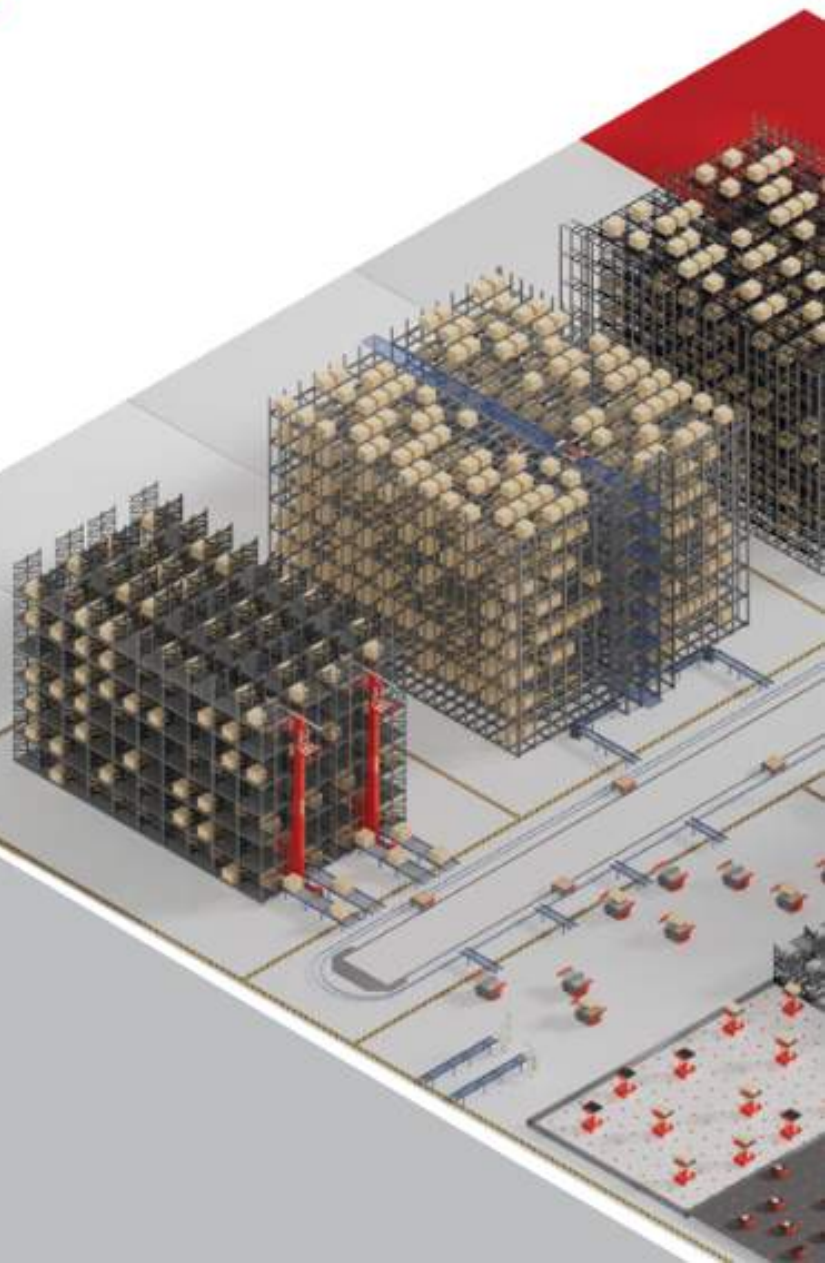
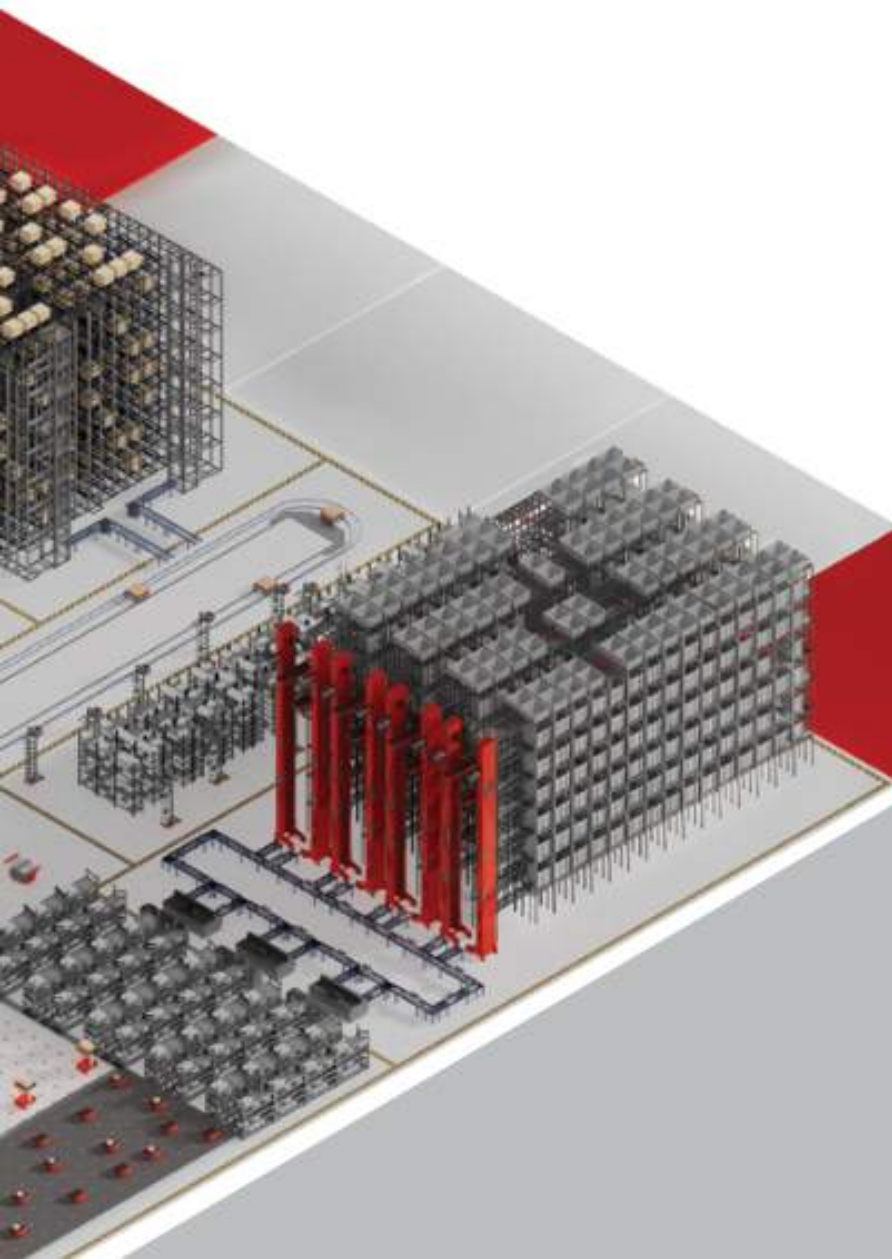


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Vision

Touching Lives by Pioneering Human-Robot Collaboration



350+

CUSTOMERS

1000+

TECHNOPRENEURS*

500+

WAREHOUSES AUTOMATED

Global Locations



• SALES & SERVICE

NOIDA, INDIA
PUNE, INDIA
BANGALORE, INDIA
IRVINE, USA
ZOETERMEER, NETHERLANDS
DUBAI, UAE
MELBOURNE, AUSTRALIA

• MANUFACTURING

NOIDA, INDIA
GR. NOIDA, INDIA

• RESEARCH & DEVELOPMENT

NOIDA, INDIA
FREMONT, USA
ZOETERMEER, NETHERLANDS

02

MANUFACTURING HUBS

03

R&D CENTRE

04

SUBSIDIARIES

Certifications



9001:2015



14001:2015



27001:2022



45001:2018



50001:2018



CE Certification

Brands We Serve

AUTOMOTIVE



CHEMICALS



CONSUMER GOODS



E-COMMERCE & RETAIL



ELECTRONICS



ENERGY & UTILITIES



Delivering Value Across Industries



Automotive

Industry Challenges

Limited traceability & inventory inaccuracies for spare parts

Fixed-line bottlenecks causing production halts

Labour dependency for heavy & sensitive parts

Inefficient storage and WIP flow complexity

Automation Solutions

Real-time inventory tracking & order visibility (WES)

Flexible automation enabling uninterrupted material flow

Robotics-driven handling of heavy and delicate goods

High-density storage with FIFO-based management



Case Study



Volvo Eicher, a major commercial vehicle producer, needed faster parts availability to support nationwide service uptime. Addverb delivered ASRS and shuttle systems, streamlining order lines, doubling throughput, and accelerating spare-parts delivery to dealers.

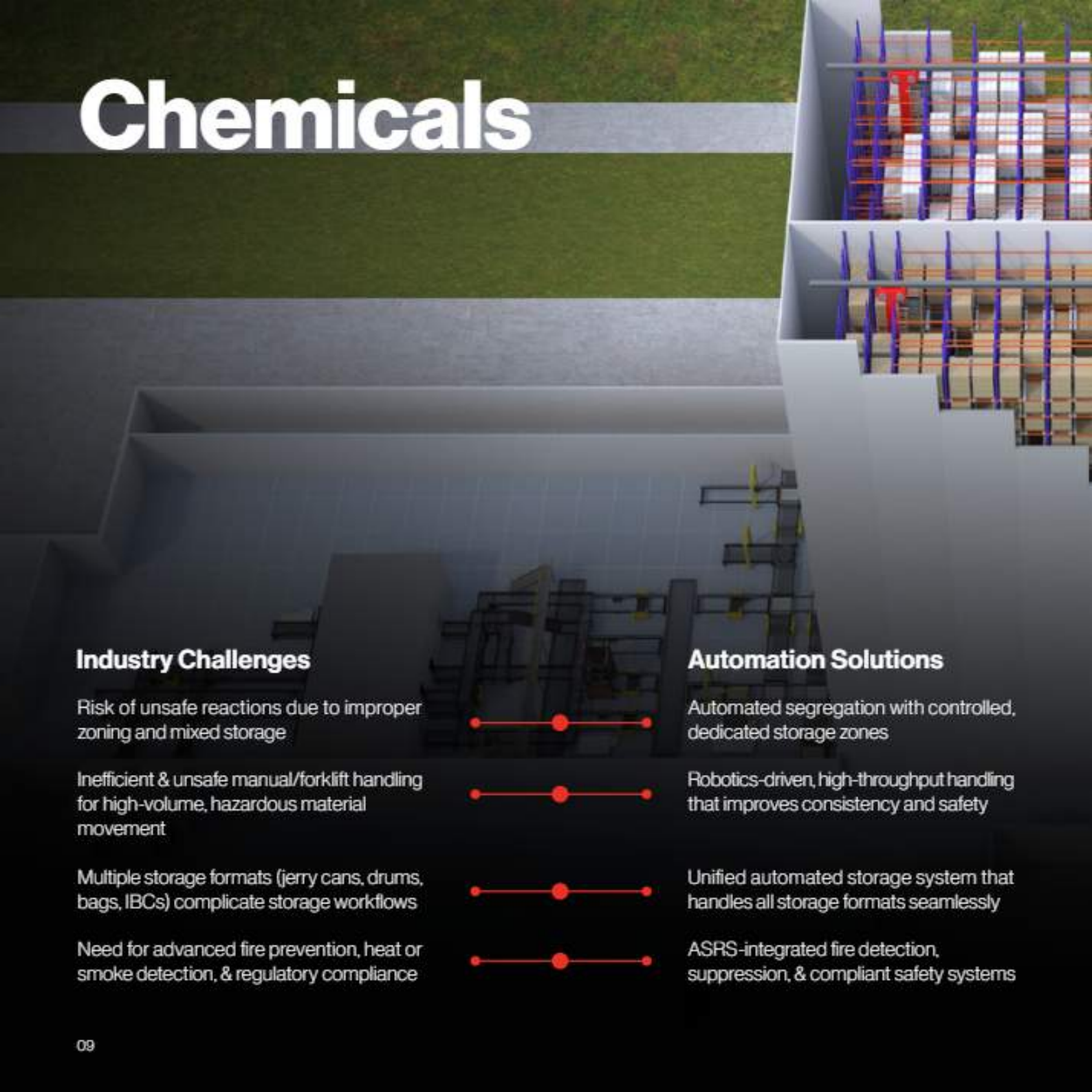


2X INCREASE IN DAILY ORDER
LINE PROCESSING

4X REDUCTION IN OVERALL
PROCESS TIME

30% IMPROVEMENT IN BOX
VOLUME UTILISATION

Chemicals



Industry Challenges

Risk of unsafe reactions due to improper zoning and mixed storage

Inefficient & unsafe manual/forklift handling for high-volume, hazardous material movement

Multiple storage formats (jerry cans, drums, bags, IBCs) complicate storage workflows

Need for advanced fire prevention, heat or smoke detection, & regulatory compliance

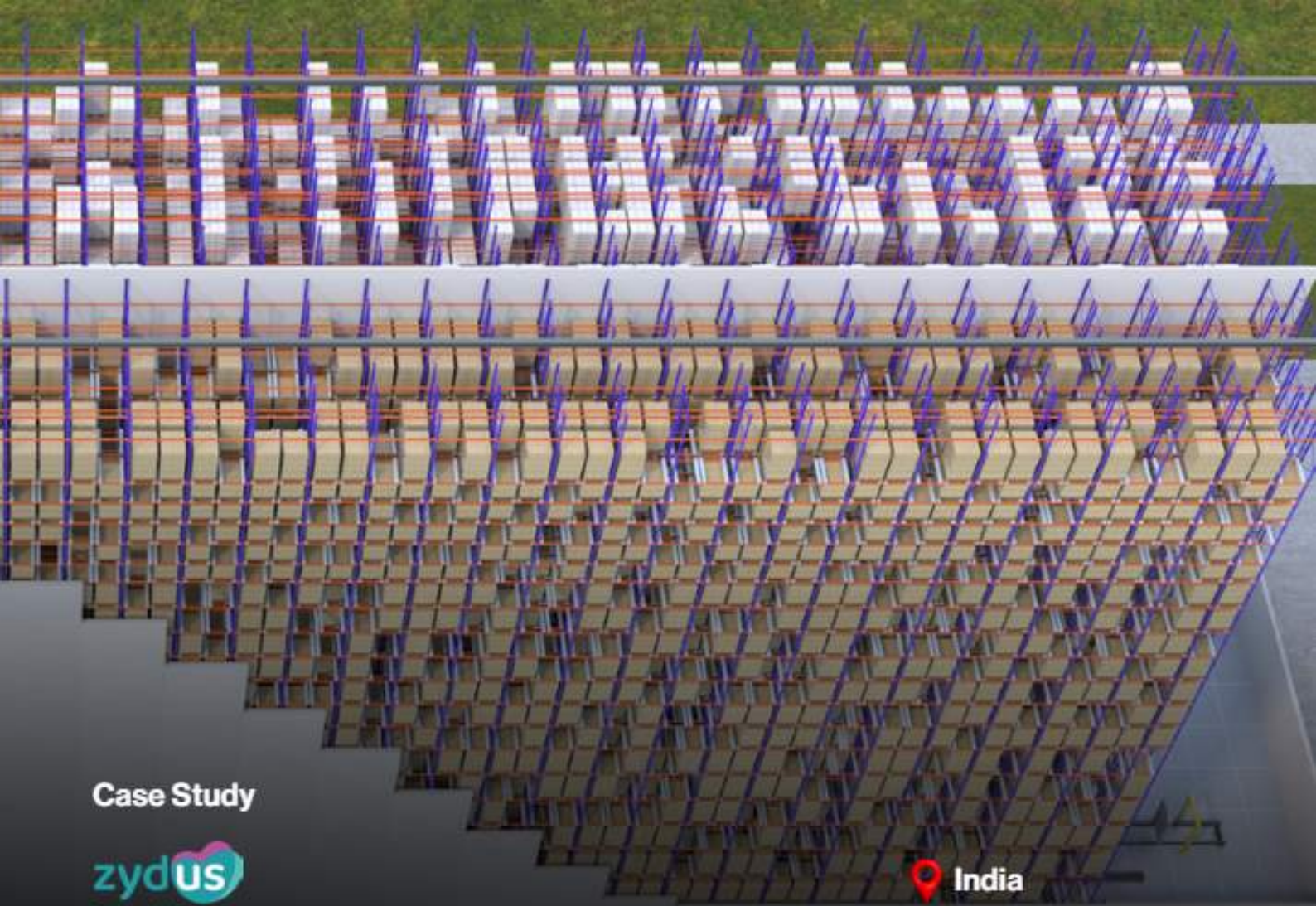
Automation Solutions

Automated segregation with controlled, dedicated storage zones

Robotics-driven, high-throughput handling that improves consistency and safety

Unified automated storage system that handles all storage formats seamlessly

ASRS-integrated fire detection, suppression, & compliant safety systems



Case Study

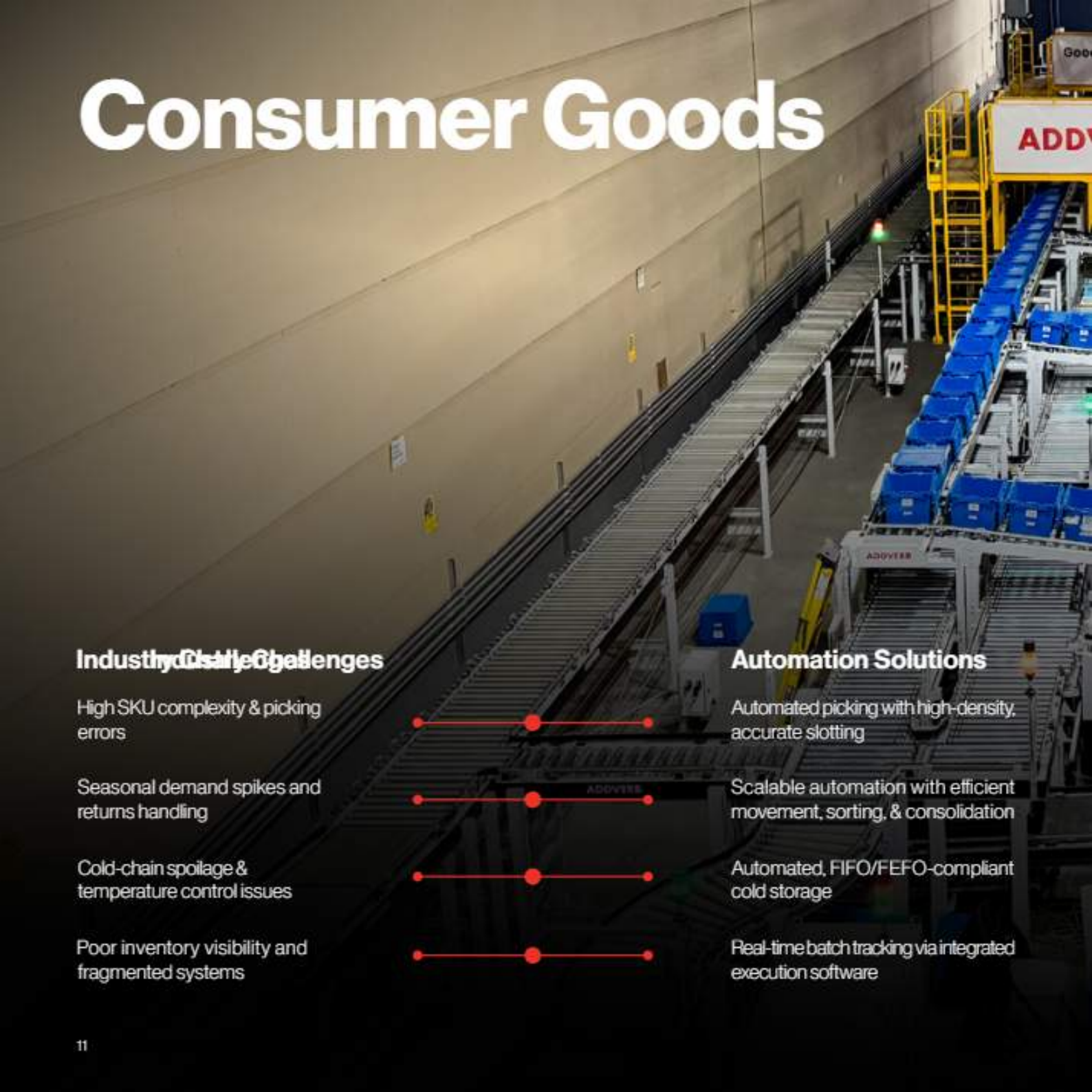


Zydus Pharmaceuticals, part of the Zydus Lifesciences Group and a leading global healthcare manufacturer, needed dense automated pallet storage to handle rising material volumes. Addverb delivered an ASRS solution with stacker cranes and conveyors, powered by 21 CFR Part 11 compliant software, improving pallet throughput, space utilisation, traceability, and operational efficiency.

 **India**

- 75%** **MANUAL LABOUR REDUCTION**
- 3.3X** **STORAGE CAPACITY INCREASED**
- 147** **PALLETS PROCESSED PER HOUR**

Consumer Goods



Industry Challenges

High SKU complexity & picking errors

Seasonal demand spikes and returns handling

Cold-chain spoilage & temperature control issues

Poor inventory visibility and fragmented systems

Automation Solutions

Automated picking with high-density, accurate slotting

Scalable automation with efficient movement, sorting, & consolidation

Automated, FIFO/FEFO-compliant cold storage

Real-time batch tracking via integrated execution software

Case Study



To modernise fulfilment and tackle labour inefficiencies, Imperial SAS partnered with Addverb to install automated tote storage and GTP picking systems, significantly improving throughput, inventory control, and capacity for growth.

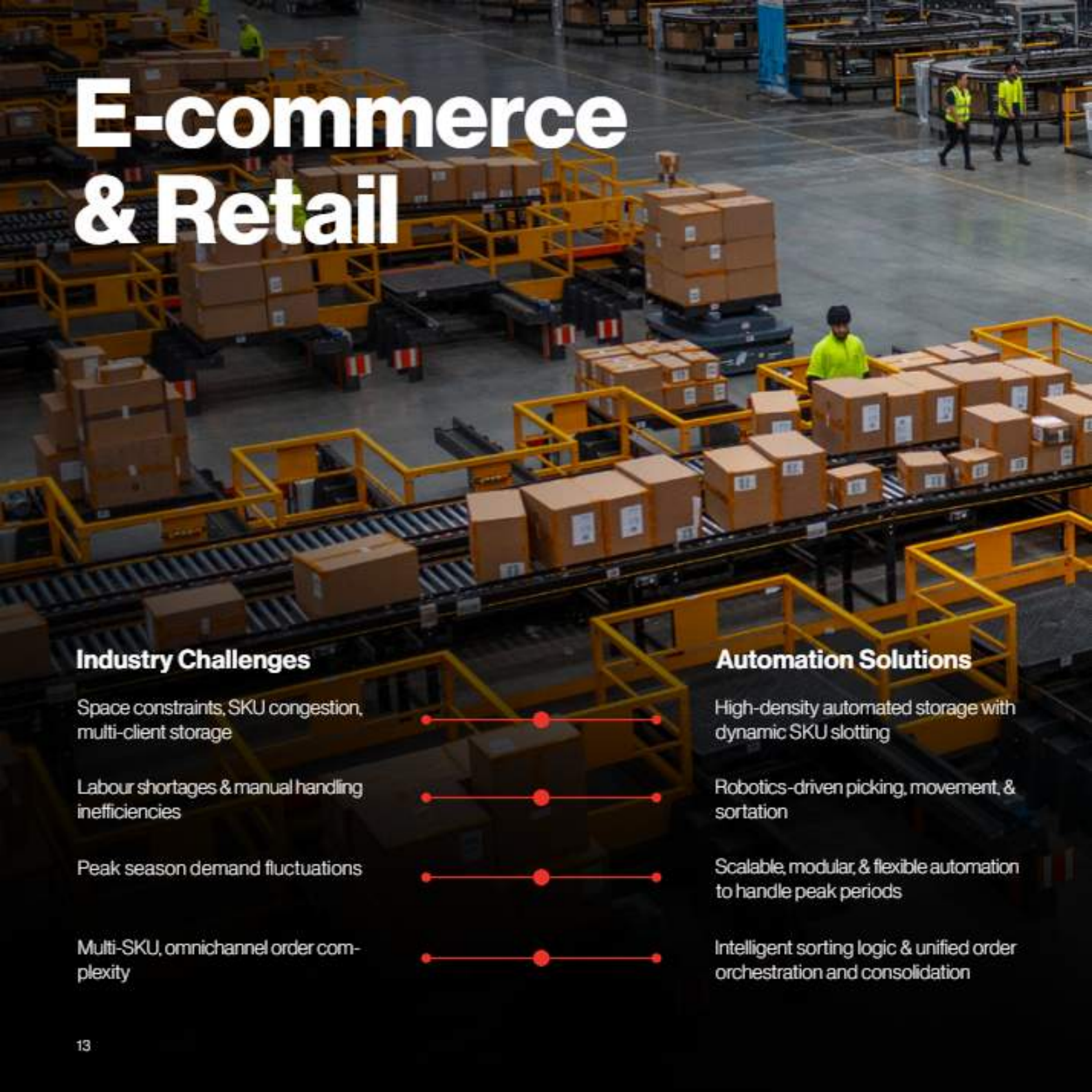
 USA

480 TOTES/HOUR INFEED
THROUGHPUT

400% IMPROVED SPACE
UTILISATION

200% FULFILMENT TIME
REDUCED

E-commerce & Retail



Industry Challenges

Space constraints, SKU congestion,
multi-client storage

Labour shortages & manual handling
inefficiencies

Peak season demand fluctuations

Multi-SKU, omnichannel order com-
plexity

Automation Solutions

High-density automated storage with
dynamic SKU slotting

Robotics-driven picking, movement, &
sortation

Scalable, modular, & flexible automation
to handle peak periods

Intelligent sorting logic & unified order
orchestration and consolidation



Case Study



MAERSK

One of the world's leading fashion and sports retail brands working with Maersk faced challenges like rising SKU volumes, returns complexity, and fulfilment speed. Addverb delivered an integrated solution using Autonomous Mobile Robots (AMRs), pallet & carton shuttles, automated sorting, multi-carton robots, and conveyors powered by Warehouse Execution System (WES) software.

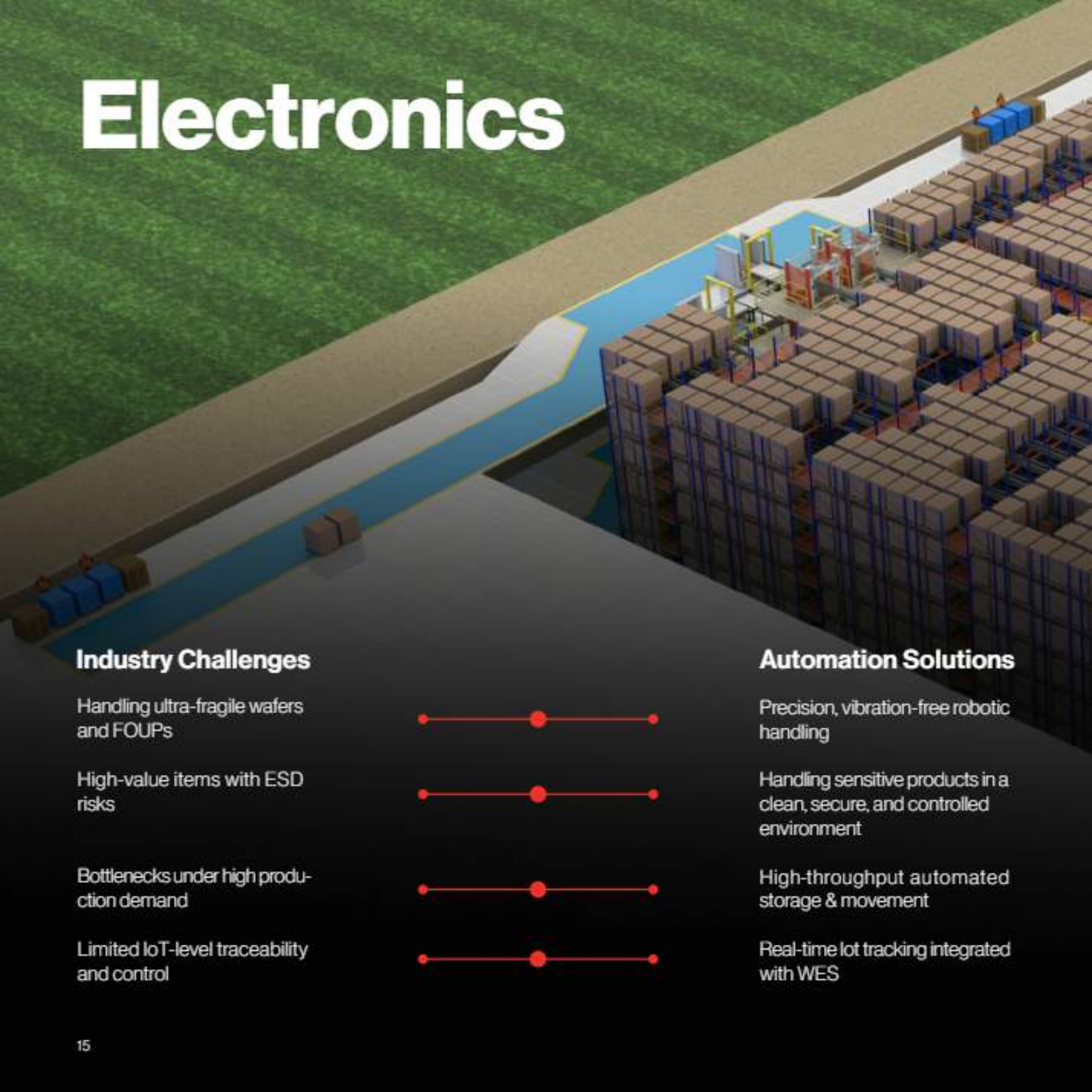
 **Australia**

100,000 **PIECES DISPATCHED
PER DAY**

3,600 **UNITS SORTED
PER HOUR**

99.5%+ **PICKING ACCURACY,
ELIMINATING ERRORS**

Electronics

An isometric illustration of a warehouse facility. In the foreground, a river flows from the left towards the background. A small bridge with a single brown box on it crosses the river. To the right of the river, a large warehouse is filled with numerous tall stacks of brown cardboard boxes on blue pallet racks. A yellow forklift is visible near the riverbank, and a red robotic arm is positioned within the warehouse stacks. The background shows a green field under a clear sky.

Industry Challenges

Handling ultra-fragile wafers and FOUPs

High-value items with ESD risks

Bottlenecks under high production demand

Limited IoT-level traceability and control



Automation Solutions

Precision, vibration-free robotic handling

Handling sensitive products in a clean, secure, and controlled environment

High-throughput automated storage & movement

Real-time lot tracking integrated with WES



Case Study

TATA ELECTRONICS

TATA Electronics, a TATA Group-affiliated EMS company, was scaling its high-precision electronics manufacturing operations and needed a structured system to manage raw materials and finished goods. To support rising production demands, Addverb implemented an organised material-handling solution that became a lifeline to the production facility, enabling higher storage density, faster throughput, real-time traceability, and seamless compliance with LIFO, FIFO, and FEFO workflows.

 **India**

45% STORAGE SPACE
INCREASED

3X INCREASE IN SYSTEM
THROUGHPUT

288 METRIC TONNES OF
MOVEMENT PER HOUR

Energy & Utilities

An isometric, high-angle view of a modern industrial facility, likely a data center or a high-tech manufacturing plant. The space is filled with large, rectangular storage racks or server cabinets, some of which are illuminated from within. A red automated guided vehicle (AGV) is visible in the center, moving along a designated path. To the right, there's a more complex area with yellow safety railings and blue structural elements, possibly a workstation or a specialized storage area. The overall aesthetic is clean, industrial, and futuristic.

Industry Challenges

Controlled environments, ESD risks, & contamination sensitivity

Complex process flows with ageing, testing, and JIT supply

Handling heavy, fragile, and custom shaped materials

Space constraints in gigafactory scale operations



Automation Solutions

ISO- & ESD-compliant automated storage, conveyors, and robotic handling

High-density buffer storage with sequenced material flow

Heavy-duty AMRs & adaptive ASRS for safe, damage-free handling

Vertical, high-density ASRS with flexible aisle switching



Case Study



Reliance Solar, a large-scale manufacturer, faced high-volume, long-distance material movement challenges across production zones. Addverb deployed an integrated Automated Storage and Retrieval System (ASRS), along with a fleet of 253 Autonomous Mobile Robots (AMRs), to enable seamless material handling within the factory.



688 PALLETS/HOUR
AMR THROUGHPUT

2500 PAYLOAD CARRYING
CAPACITY

150 PALLETS/HOUR ASRS
THROUGHPUT

Solutions at a Glance



Sorting

High-speed automated sortation ensures fast, accurate order fulfilment and higher sorts per hour with minimal human intervention.

**Robotic Sorter
(Table Top)**

Zippy



**Robotic Sorter
(FloorTop)**

Zippy



**Vertical Sortation
Robot**

SortIE



Storage

Automated Storage Systems optimise vertical space to boost throughput, eliminate inventory errors, and deliver efficiency far beyond manual warehousing.

4-Way Pallet Shuttle

Cruiser 360



Mother-Child Pallet Shuttle System

Multi-Pro



Carton Shuttle

Quadron



Multi-Carton Picking Robot

Veloce



Multi-Level Carton Shuttle

Medius



Stacker Crane

Skyron

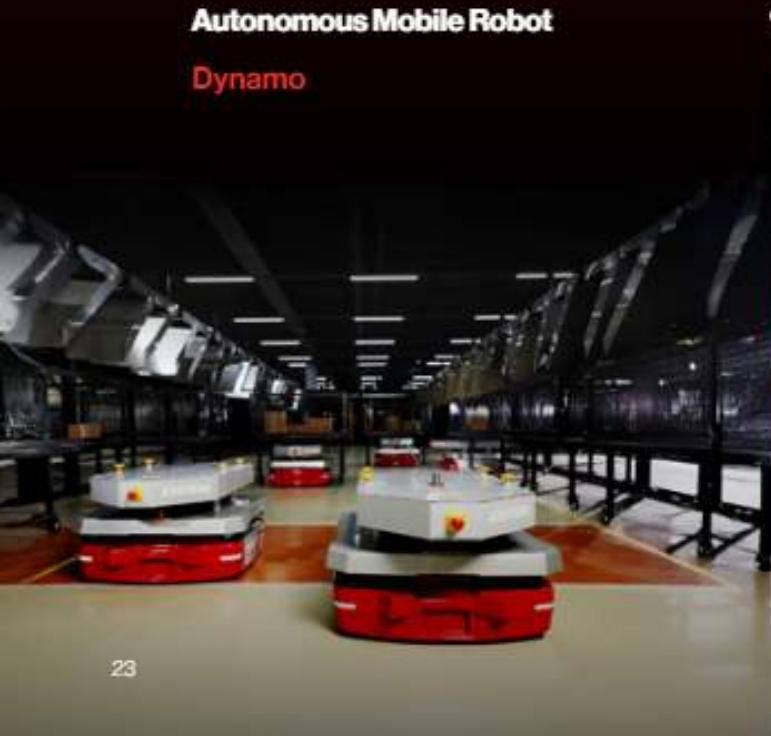


Material Movement

Enable fast, safe, and consistent material movement across warehouses of any scale with our fixed and flexible automation solutions powered by AGVs and AMRs.

Autonomous Mobile Robot

Dynamo



Autonomous Forklift

FlowT



Rail Guided Vehicle

Travect



Robotic Assembly Tugger

Dash



Picking

Fast, accurate automated picking minimises errors, cuts fulfilment time, and lowers operational costs across diverse order profiles.

Goods-to-Person Station

Box-It



Pick-to-Light

Rapido



Conveyors

Modern conveyors seamlessly integrate with ASRS, AMRs, and robotic solutions to enable safe, high-throughput movement with modular belt, roller, and chain conveyor designs.

Case Conveyor



Pallet Conveyor



Software

Addverb's AI-driven, secure, and scalable software suite delivers real-time inventory visibility, regulatory compliance, & seamless system orchestration reducing ownership costs and elevating end-to-end operational performance.

WMS | WCS | WES | FMS

Addverb Software Suite

ERP

WMS syncs seamlessly with ERP systems to give real-time inventory visibility & smooth order processing, cutting errors, costs, & delivery times.

MES

WMS connects production and warehouse operations, ensuring accurate material availability, faster throughput, & minimal production delays.



ASRS/Automation

WES & WCS orchestrate ASRS & automation in real time to maximise throughput, accuracy, and overall system utilisation.

Robotics

FMS centrally manages autonomous vehicle movements for better traffic control, efficient task execution, and smoother material flow.

Other Hardware & Peripherals

WMS integrates with printers, scales, palletisers, and more to automate data capture and reduce manual effort & errors.

After-Sales Services

We don't just provide tailored automation solutions; we ensure ongoing success with fast, reliable after-sales service.

Our Offerings

01

ON-SITE SUPPORT (OSS)

02

ANNUAL MAINTENANCE
CONTRACTS (AMC)

03

COMPUTERISED MAINTENANCE
MANAGEMENT SYSTEM (CMMS)



After-Sales Service Portal (CMMS)

- **Ticket Management** Centralised ticket management with live status updates and root-cause visibility.
- **Preventive Maintenance** Plan, track, & execute preventive maintenance seamlessly to avoid breakdowns and extend equipment life.
- **Spare Parts Management** Instant access to spares with faster ordering to minimise downtime and speed up repairs.
- **Predictive Maintenance** Predict failures early with MTTR and MTBF insights to continuously improve system reliability.
- **24*7 Remote Support** 24x7 remote support with instant access via chat, Zoom, or toll-free call.

<48 Hours

Emergency Parts Delivery

50%

Client Use Remote Services

85%

Remote Support Success Rate

600+

Days Saved in Warehouse



Project Management

01 INITIATION

- Scope Management
- Internal Kick-Off Meeting
- External Kick-off Meeting

02 PLANNING

- Freeze Baseline in Project Schedule
- Risk Identification & Assessment

03 EXECUTION

- DAP & Design Release
- Virtual Commissioning
- In-House Manufacturing & FAT
- IC with Unit & Integrated Testing

04

MONITORING & CONTROL

- Progress Reporting with S-Curve
- Earned Value Management (EVM)
- Change Management
- Effective Conflict and Crisis Management

05

CLOSURE

- Sign-Off and Handover
- Training and Knowledge Transfer
- Learnings and Continuous Improvement

Advantages

- Customer-Centric Approach
- Advance Scheduling Platforms (MS Projects, Primavera P6)
- Agile Team
- Safety & Quality



Sustainability

Environmental responsibility is an essential part of Addverb's operations. The company recognises that its products and processes carry an environmental footprint and takes conscious steps to minimise it.

↘ **12.76%**

of energy demand was met through renewable sources, mitigating 425.89 tCO₂e emissions during FY 2024-25.

- ↘ Established a Sustainability Policy to guide environmental practices and commitments.
- ↘ Manufacturing robots using recyclable materials such as steel and ABS plastic, supporting closed-loop recycling systems.
- ↘ Committed to EcoVadis Certification.

↘ **56%**

of key suppliers embraced environmental upgrades post assessment in FY 2024-25 compared to 15% in FY 2023-24.

- ↘ Recycled 8.0 MT of plastic waste in FY 2024-25.
- ↘ Strategised year-on-year reduction opportunities & set a long-term internal target to achieve Net Zero emissions by 2050.



* The image shows a bioretention pond and a micro-forest at our Bot-Verse facility, designed as a peaceful space where employees can walk, unwind, and de-stress.

ADDVERB

Human Robot Possibilities



Connect with us at
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addverb.com