

The background of the entire page is a collage of industrial production scenes. On the left, a worker in a teal shirt is working on a white car body on an assembly line. In the center, a conveyor belt is filled with blue and white capsules. In the foreground, a row of yellow plastic jugs with black caps is visible. The image is divided into geometric sections by blue and orange diagonal lines.

Intelligent,  
agile process  
execution for today  
and tomorrow

# production

agility | visibility | traceability



Smart factories are at the core of Industry 4.0 where a real-time connection between the supply chain and the production line is critical to meet challenging customer demands for quality, authenticity, speed and customisation.

Zetes works with manufacturers across all industry segments to achieve a competitive edge. We help them gain real-time visibility and control of their supply chain and production sites to reduce waste, increase productivity with lower cost.

## Optimise your production operation from goods receiving through to your customer...

### ► Inbound receiving

Gain real-time insight into the shipping and arrival status of raw materials and components. React early to shortages/late shipments and mitigate potential disruption to avoid production stoppages.

### ► Inventory management

Execute warehouse processes efficiently and accurately. Remove human error, achieve complete accuracy and control of raw materials, work-in-process and finished goods inventory.

### ► Packaging execution

Automate complex packaging and labelling processes including serialisation and aggregation at high speed and across multiple lines.

### ► Shipping

Streamline order consolidation and outbound processes, achieving 100% shipping accuracy with evidence based data capture. Optimise vehicle loading, minimise wait times and adhere to service delivery KPI's

### ► Asset tracking

Ensure components and assets are available when and where they are needed. Reduce production downtime looking for misplaced items. Reduce asset loss and generate alerts when items leave designated areas.

### ► Supply chain visibility

Share real-time status and intelligence across your supply chain network to improve collaboration, performance and mitigate disruption.

### ► Regulatory Compliance

Ensure full track and trace compliance for regulatory directives requiring serialisation, verification and decommissioning.





# Enabling a connected manufacturing operation, from supplier to end customer

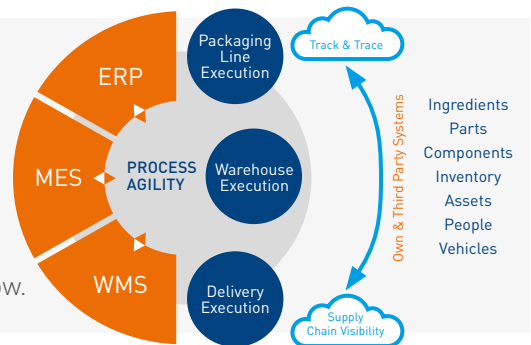
Manufacturing globally is undergoing a dramatic transformation that will profoundly alter your production and supply chain operations. To stay ahead, your manufacturing processes must be connected and harness the power of digitisation (Industry 4.0) to improve efficiency, quality and gain unprecedented supply chain visibility.

## Unlock process efficiency and unprecedented visibility

- Streamline processes and leverage the latest technologies for **end-to-end process efficiency**.
- Gain real-time access to product, asset and location data **for a smooth flowing, just-in-time (JIT) production operation** with **complete fulfilment visibility**.
- Reduce **waste** and **excess inventory** through greater supply chain network visibility and greater agility to **adjust to fluctuating demands**.
- Achieve **faster identification of points-of-failure**, data driven **continuous improvement** and **regulatory compliance** through better data connectivity and visibility across the entire manufacturing process.

### Seamless integration and extended functionality of your existing systems

Zetes solutions seamlessly extend the functionality of your existing systems. We optimise your processes from receiving to shipping and everything in between. We equip your operation with the latest technologies to ensure efficiency and visibility for today and tomorrow.



## Single-Source, Technology Independence

Our end-to-end solution portfolio gives you unrivalled access to technologies which will optimise every process in every part of your production environment and supply chain.



### Modular, Agile and Scalable

Our solutions provide an agile, modular approach to optimising production processes. This enables you to add functionality and scale as your business grows and adapts.

### Cloud based or on-premise

Our solutions run in the cloud or on your premises. Our mobile applications are powered by our cloud-based Mobile Enterprise Application Platform, dedicated to supply chain execution, enabling you to efficiently manage your entire hardware estate and software applications.

### Local Support, every step of the way

Through our international network of offices we provide you with local service. We support you every step of the way, from consultancy, project management and fully managed service provision right through to our in-house maintenance and repair services.

# Maximise throughput, agility, control and gain visibility of critical production process events using best-fit technologies

## Goods Receiving

- Reduce receipt to stock/production cycles of raw materials and components
- Identify discrepancies and shortages quickly
- Manage and verify serialised items
- Capture evidence of condition



## Inventory Management

- Accurately verify put-away location for fast retrieval
- Maintain accurate stock levels
- Reduce safety buffer stock
- Minimise operational disruption



## Packaging Execution

- Enable high speed packaging execution – item, box, carton and pallet labelling including:
  - Multi-line set-up and productivity management
  - Full integration with track and trace repositories



## Compliance

- Manage serialisation and aggregation for traceability and regulatory compliance
- Enable serialised product activation, decommissioning and recommissioning
- Manage data orchestration and exchange with industry and governmental repositories



## Management Visibility

- Real-time visibility of tasks and performance
- Audit trail for production traceability
- Asset tracking and management
- Inbound/outbound logistics visibility



## Item Picking

- Optimise pick instructions to match specific tasks in different production zones
- Manage serialised product – deactivation/reactivation
- Reduce training for fast ramp-up of temporary and seasonal workers



## Asset & Material Tracking

- Automate the tracking of tools and assets
- Track and trace inventory of parts throughout the manufacturing line in real-time



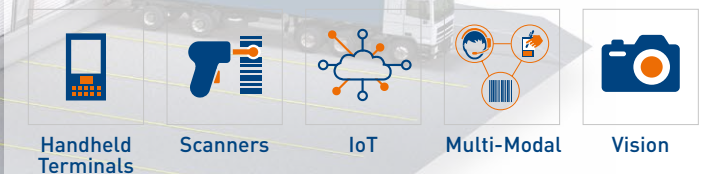
## Loading/Delivery/Van Sales

- Achieve faster more efficient loading
- Ensure right pallet, right truck
- Optimise space utilisation to minimise empty miles
- Gain full delivery visibility and field sales capture



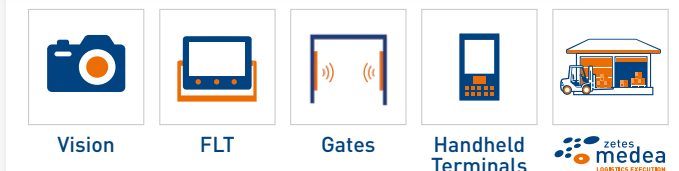
## Quality Assurance

- Fast, dependable component and item audit scanning
- Ensure right materials, right production line
- Meet track and trace regulations



## Shipping Verification

- Achieve zero shipping errors
- Create evidence based verification of right product, right pallet
- Automate pallet/carton contents verification





# Let's get in touch

There is always a Zetes office  
close to you. Check out our  
international network at  
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