

INDUSTRY IN FOCUS:

MATERIAL HANDLING

We support material handling and warehouse automation equipment manufacturers with durable, high-precision, vibration-resistant fasteners and C-class components engineered for demanding industrial environments.

Company Overview

100+	Years of expertise	1,200+	Global suppliers	1,500+	Global customers
750	Members serving globally	2.2 Bn	Parts supplied annually	40K+	SKUs supplied annually
365	Days a year support	0	Defect culture		



APAC • Europe • UK

11 distribution facilities across 7 countries

Industry-Specific Equipment We Support

- **Packaging and End of Line Equipment**
 - Case and Carton Erecting/Sealing Equipment
 - Stretch Wrapping and Palletising Systems
 - Strapping and Banding Equipment
 - Robotic Case Packing Equipment
 - Baler and Compactor Equipment
 - Conveyor-Fed Sorting and Accumulation Equipment
- **Storage and Racking Systems**
 - Pallet Racking and Shelving Systems
 - Mezzanine and Multi-Tier Storage Systems
 - Carousel and Vertical Lift Storage Systems
 - Passenger and Freight Lifts
 - Mobile and Compact Racking Systems
 - Dock Levellers and Vehicle Restraint Systems
- **Warehouse and Storage Automation**
 - Automated Storage and Retrieval Systems
 - Conveyor Systems
 - Sortation Systems
 - Robotic Picking and Piece-Picking Systems
 - Automated Guided Vehicles and Mobile Robots
 - Palletising and Depalletising Equipment
- **Lifting and Transport Equipment**
 - Forklifts and Reach Trucks
 - Cranes and Hoists
 - Order Pickers and Stacker Trucks
 - Tow Tractors and Tugger Systems
 - Bulk Material Handling Equipment
 - Loading Dock Equipment

Relevant Product Range

- **Fasteners and Threaded Products**

Hex bolts, flange bolts, structural bolts, U-bolts, eye bolts, socket screws, set screws, studs and threaded rods.
- **C-Class Components**

Pins, clevis pins, cotter pins, circlips, retaining rings, spacers, standoffs, bushes, bearings, rivets, rivet nuts, clips, clamps and cable management.
- **Materials and Finishes**

Carbon steel, high-tensile alloy steel, stainless steel, aluminium and engineered polymers, with zinc plating, zinc-flake, galvanised and application-specific corrosion-resistant coatings.
- **Engineered Specials**

Custom cold-forged and machined fasteners, turned parts, application-specific fasteners, make-to-print components and engineered assemblies.
- **Retention, Sealing and Vibration Control**

Locknuts, prevailing torque nuts, wedge-lock washers, thread-locking solutions, retaining systems, sealing washers, gaskets, seals, O-rings and anti-vibration components.
- **Hydraulic and Pneumatic System Components**

Hydraulic fittings, adaptors, hose fittings, pipe plugs, sealing plugs, compression fittings and associated sealing components for hydraulically powered lifts, hoists and forklifts, plus pneumatic components.

Supply Chain Assurance

- Inventory management, kitting, Vendor Managed Inventory (VMI) and production line replenishment.
- Supplier qualification and performance management for material handling OEM and integrator supply chains.
- Supply continuity and demand planning ahead of peak e-commerce, retail and seasonal warehousing volumes.
- Secure handling of customer drawings, specifications and technical data.
- Certificates of Conformity and material certification.
- Obsolescence management for legacy and current equipment platforms, supporting long service-life installed bases
- Customer-specific compliance support, sustainability requirements and regulatory documentation.
- Supplier consolidation and risk reduction across C-class components and indirect spend categories.
- Quality documentation, inspection support and first article inspection.
- Batch and lot traceability for structural and safety-critical components (lifting, load-bearing and retention hardware) supporting installed bases with long service lives.
- Global sourcing and logistics support for large, heavy-structure components with long lead times (racking, conveyor frames and mast assemblies).

Automotive Tier-1 Case Study

Interiors, seating and emissions technologies manufacturer

- Lowered total cost of ownership, reduced supply risk and enabled faster production launches.

Forvia experienced part proliferation from its continually expanding product lines, causing increased inventory from redundant parts.

Optimas International created a standardised global part list for multi-programme use, resulting in efficiency gains and cost savings:

- Lowered total cost of ownership
- Reduced risk with consolidated supply chain
- Faster speed to market with quality-approved part list

Environment Capabilities

Shock and Dynamic Load Resistance

Locking and retention systems qualified against transverse vibration and impact loading for mast assemblies, drive units, conveyor frames and high-cycle lifting joints.

Cold Store and Temperature Extremes

Material, grade and coating selection for freezer, chilled and ambient operation to maintaining strength, retention and sealing performance where low temperatures affect steels and polymers.

Outdoor, Washdown and Corrosion

Zinc-flake, galvanised and stainless solutions for yard, dockside and food-distribution environments, resisting moisture, de-icing salts, cleaning chemicals and hydraulic fluid exposure.

82% | Standardised SKUs

79% | SKU reduction

€1.6M | Annual cost savings

Key Account Growth

Off-Highway OEM

35+ years of partnership

- Accounts grown by 15x
- SKUs increased by 275%
- Net sales increased over 10x

Power Generation OEM

30+ years of partnership

- Facilities grown by 11x
- SKUs increased by 1,100%
- Net sales increased over 23x

Value-Added Services

• Global Presence, Local Support:

We help customers maintain consistency, reliability and speed across their operations through our global and local expertise.

• Supply Chain Risk Mitigation:

We empower supply chains through strategic sourcing, strong supplier networks and proactive planning.

• Bespoke Engineering:

Our expertise enables us to deliver fastening solutions tailored to meet specific manufacturing requirements.

• Smart BOM Management:

By improving standardisation, reducing complexity and cost, we simplify BOM management, supported by OptiSpec®.

• OptiTech® - Smart Inventory Solutions:

Using tech-enabled VMI programmes and real-time visibility tools, we help customers streamline operations, improve forecast accuracy, automate replenishment and maintain reliable stock levels.

Why We Do What We Do

Optimas International combines advanced engineering expertise, inventory management systems and global sourcing to simplify complex supply chains. We deliver scalable solutions that reduce total cost of acquisition and drive long-term value for our customers. In today's complex business environment, companies need a partner that mitigates risk and supports sustainable growth. We do this by:

Making Every Connection Count.

