OPTIMAS INTERNATIONAL

INDUSTRY IN FOCUS:

BUS AND TRUCK

We supply bus, truck and trailer OEMs, bodybuilders and Tier suppliers with vibration and corrosion-resistant fasteners and C-class components, supported by managed inventory programmes and supply chain solutions.

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 Systems We Support

- **Chassis, Frame and Powertrain**
  - Chassis frames and structural assemblies
  - Engine, powertrain and after-treatment systems
  - Transmission and driveline systems
  - Axles, suspension and steering systems
  - Air and hydraulic braking systems
  - Wheel ends, hubs and wheel fastening systems
  - Fifth wheel, coupling and towing systems
- **Cab, Body and Structure**
  - Cab structures and body-in-white assemblies
  - Bus and coach body structures
  - Panels, doors and access systems
  - Interior trim, seating and fit-out
  - Wheelchair access, ramps and passenger systems
  - Roof systems, luggage bays and hatches
  - Trailer and bodybuilder assemblies
- **Vehicle Systems and Fluid Handling**
  - Cooling and thermal management systems
  - HVAC and climate control systems
  - Air, fuel and fluid transfer systems
  - Pneumatic and hydraulic systems
  - DEF and urea storage systems
  - Filtration and fluid conditioning systems
  - Lubrication and ancillary systems
- **Electrical, Safety and Electronics**
  - Vehicle electrical and wiring systems
  - Battery and e-mobility systems
  - Charging interfaces and depot systems
  - Lighting, signalling and visibility systems
  - ADAS, telematics and control electronics
  - Alarm, monitoring and safety systems
  - Earthing, bonding and EMC shielding

Relevant Product Range

- **Chassis and Structural Bolting**

  Wheel fasteners, U-bolts, spring and shackle bolts, fifth-wheel and coupling bolting, high-tensile structural bolts, tie rods and anchors.
- **Engineered Specials**

  Custom cold-forged and machined fasteners, turned parts, application-specific fasteners, make-to-print components and engineered assemblies.
- **Materials and Finishes**

  High-tensile steel in property classes 8.8, 10.9 and 12.9, stainless steel, aluminium, brass and engineered polymers, with zinc-nickel, zinc-flake, Geomet®, galvanised, phosphate and anti-galling coatings.
- **Fasteners and Threaded Products**

  Hex bolts, flange bolts, carriage bolts, socket screws, set screws, studs, threaded rod, nuts and washers.
- **C-Class Components**

  Pins, clevis pins, spring pins, circlips, retaining rings, spacers, bushes, rivets, rivet nuts, clips, clamps, cable ties, grommets and cable management.
- **Retention, Sealing and Vibration Control**

  Locknuts, prevailing torque nuts, wedge-lock washers, retaining systems, thread-locking solutions, lockbolts, sealing washers, bonded seals, gaskets, O-rings and anti-vibration components.

Supply Chain Assurance

- Inventory management, kitting, Vendor Managed Inventory (VMI) and production line replenishment.
- Supplier qualification and performance management for OEM and commercial vehicle supply chains.
- Secure handling of customer drawings, specifications and technical data.
- Certificates of Conformity and material certification.
- Supply continuity and obsolescence management for legacy and current platforms.
- Complete sample testing and certification, enabling a seamless transition to series production.
- Customer-specific compliance support, sustainability requirements and regulatory documentation.
- Supplier consolidation and risk reduction across fastener and C-class component BOM.
- Quality documentation, inspection support, PPAP submission and first article inspection.
- Batch and lot traceability for safety-critical components and 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

- **Vibration and Fatigue Resistance**

  Locking and retention systems qualified against transverse vibration testing for chassis, driveline and suspension joints.
- **Road-Salt and Corrosion Protection**

  Zinc-flake and zinc-nickel systems validated against OEM salt-spray and cyclic corrosion requirements, with bimetallic isolation guidance for mixed-material bodies.
- **Torque Retention and Joint Integrity**

  Friction-controlled coatings, torque-tension data and assembly guidance for safety-critical and high-duty-cycle joints.

FORVIA
Inspiring mobility

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

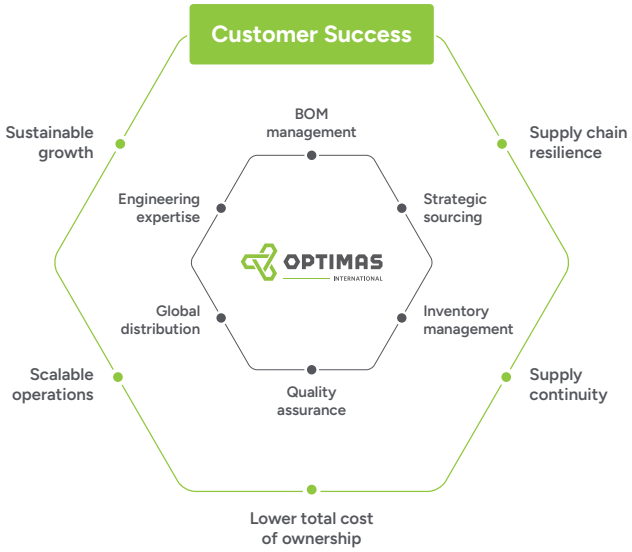
Value-Added Services

- **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.



Global HQ: GL2 2FR, Gloucester
European HQ: 57910, Hambach
Türkiye: 34956, Istanbul
China and SE Asia: 215122, Suzhou
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