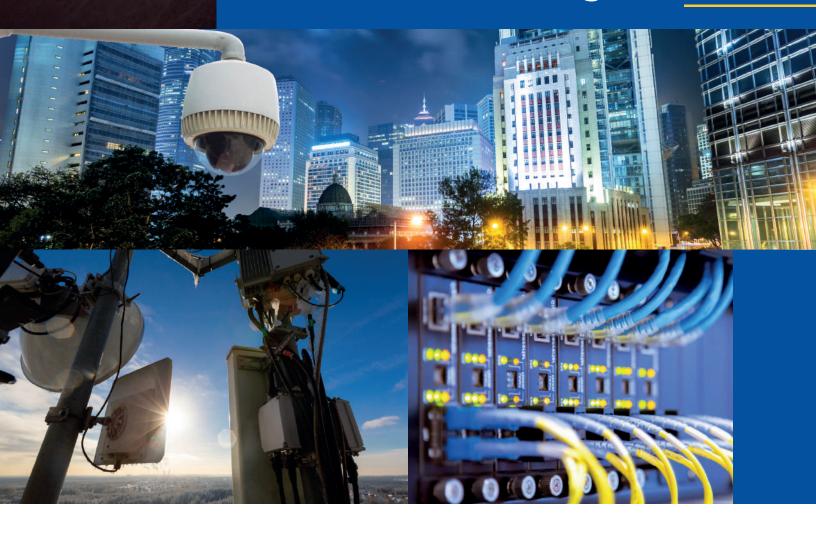# Capability Statement
Industrial Networking Solutions

OSA

About
OSA

Founded in 2002, OSA is part of the global Hexatonic Group. With national and global partnerships and the support and superior backing of one of the world leading fibre optic companies, OSA is fast becoming Australia's leading designer and distributor of advanced network solutions.

The Industrial Networks Business Unit within OSA focuses on critical Wired and Wireless network solutions specific to the requirements of industries including Mining & Resources, Energy, Utilities, Infrastructure, Transport, Security & Surveillance, Manufacturing and Building Management Systems.

At the core of OSA's philosophy is our strong, values-based culture that focuses less on what we do, and more on how we do it. Our vision is to be the market leader in product selection and project delivery, achieved through the quality of our people and the strength of our relationships with clients, partners and stakeholders.

SUPPLY CHAIN	INVENTORY	PRODUCT	DISTRIBUTION
DELIVERY	MANUFACTURING	CARGO	DESTINATION

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OSA

Key Industry Expertise

Recognised as a strong and respected market leader, OSA's product range offers diversified and proven solutions from industry leading global manufacturers. Our success is based on our ability to build strong partnerships with our suppliers that produce positive outcomes for our clients.

Our technical knowledge and experience enable OSA to provide industry best practice and fit for purpose product selection, network design and pre/post sales technical support services for key industry sectors, including:

- Network Infrastructure
- Security and Surveillance
- Road and Rail Transport Infrastructure
- Energy and Utilities Infrastructure
- Defence
- Enterprise Market
- Small Business
- Building Management Systems (Hospitality, Education, SMB and Building Management Communications)

Our business operates across Australia, ensuring that OSA can offer a robust combination of national expertise with local knowledge. The OSA national warehouse footprint enables depth of capability, making OSA extremely well positioned to deliver projects across Australia and internationally.

We pride ourselves on delivering outstanding results on time and with the highest degree of professionalism.

IP Networks
Networks from 1/10/40/100Gb Layer 2/3 core to the edge designed for deployment into enterprise campus, data centres and applications with extended ratings from -40 to +75 degree operating temperatures. Comprehensive Enterprise switching infrastructure for applications from SMB to big data applications including BMS solutions.

Wireless Networks
Industry rated outdoor wireless backhaul, PtP, PtMP and MicroWave. Indoor Meshed networks WLAN APs and Controllers, Hotspot Gateways and Cloud Management.

Network Security
UTM, VPN and APT, Firewalls, Cloud Management Security and Threat Mitigation.

Critical Networks
Deterministic, redundant and high availability with sub <50ms reconvergence for PLC/DCS and sub-station automation.

Powering Networks
Switch mode power supplies, power conversion, PoE injectors, mid-span PoE, solar management and enterprise UPS systems.

Protection Networks
Physical networking security and isolations, lightning protection, surge protection and tamper proof installations.

Network Management
Network management systems for wired and wireless networks, comprehensive proactive analytics, redundancy convergence testing, remote management and diagnostics.proof installations.

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OSA

OSA Partners – Comprehensive and Flexible.

Cal Am: Product Supply
Cal Am Manufacturing specialises in products for use in underground electrical and broadband applications. Founded in Southern California over 35 years ago, Cal Am designs and produces fittings and sealing devices to serve utilities, municipalities, government facilities, data centres, and fibre optic projects through a worldwide network of distributors. OSA's partnership with CAL AM ensures the continued supply of the JackMoon product range.

Korenix Industrial Network Switching and Communications
A division of the Biejer Group; Korenix is a leading Taiwanese manufacturer specialising in industrial Ethernet Networking and PoE solutions for use in arduous industrial environments and critical data applications.

Teltonika Cellular 3G, 4G, 4GX LTE Industrial Networking Routers and Telematics
A world class European Cellular 3G, 4G LTE Router IoT/M2M and GPS Telematics manufacturing. For 20 years Teltonika has delivering leading edge industrial 3G/4G/4GX, LTE, Wi-Fi and GPS technologies globally.

2J Antenna Industry Antenna's from 380MHz to 6 Ghz
2J Antennas is a European manufacturer that delivers antenna innovations for a connected world over Automotive, IoT, Marine, Telematics, Automation and M2M and is certified to ISO/TS16949:2009.

RADWIN Wireless:
Sub 6Ghz Fixed Data Industrial Wireless RADWIN is a world leader in the development of innovative sub-6 GHz wireless technology. Providing reliable Point-to-Point and Point-to-Multipoint, Backhaul, Mobile Broadband, Multi-service and Small Cell Solutions.

MS Tronic: PoE Injectors and Power Supplies
Manufacture of industry rated switching power supplies, DC/DC voltage converters, PoE solutions include PoE Injector, Splitter, DC/DC Converter, Solar Battery Charger and UPS.

Optech: Fibre Optic Transceivers & Networking
Taiwanese manufacturer of the highest quality; Optech manufacturers Transceivers and Direct Attach Cables from 100Mb to 400Gb. RoHS, UL and TUV Rheinland compliant and certified to ISO9001, ISO14001.

Delta: Power Supplies and UPS's
Delta are one of the largest global manufacturers of powers systems including industrial rated DIN Rail and Shelf mounted switch mode power supplies and a comprehensive range of UPS from 1.5kVa to 20kVA plus.

Taoglas: Innovations in Antenna Solutions Sub 6Ghz
Taoglas is a leader in the design and manufacture of a broad range of Antenna's for IoT and Mobile applications in the sub 6Ghz range. Consisting of 3G, 4G, 4GX LTE, Wi-Fi and GNSS and Combination up to IP69.

OT System Media Conversion for IP Security Systems.
OT Systems design and manufacturing of high-quality industrial rated networking devices for the security industry. Including Ethernet switches, IP over coax, media conversion with PoE and contact closures option.

CommScope *(Incorporating Tyco Electronics, Raychem and ADC Krone)*
CommScope Connectivity is a technology leader in the world's fastest growing markets, helping connect power, data and signal in everything from automotive and aerospace to broadband communications, and consumer, energy and industrial applications.

Prysmian Group
Prysmian is a market leader in the development, design, manufacture, supply and installation of a broad array of cables for applications in the telecommunications and energy industries

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