



Capability Statement National Laboratory Testing





About OSA

Founded in 2002, OSA is part of the global Hexatronic 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 only distributor in our class with dedicated in-house R&D laboratories

We are fiercely proud to be the only Communications, Networking and Security distributor in Australia with dedicated research and development labs across three states, purpose built for rigorous testing of complex new products for the Australian and international markets.

Our laboratories in Silverwater, Brisbane, Melbourne and Perth have been in operation for over a decade. Our staff are specialists in their fields and the best in the country. Our investment in dynamic and world class R&D testing facilities gives us a distinct advantage, and we remain one step ahead of our competitors as we continue to drive the market through innovation.

Our team specialises in traditional Ethernet, Wireless, DOCSIS, GPON networks, Video and CCTV and IP CCTV systems. Plus, we have expert test and measurement engineers who calibrate and repair our high-tech equipment to ensure optimal performance.

With five full-time engineers nationwide and a national engineering manager Cisco CCIE certified, our decades of networking experience mean our clients are confident that we understand the importance of delivering proven technology.



TRADITIONAL
ETHERNET



WIRELESS



DOCSIS



GPON
NETWORKS



VIDEO AND
CCTV



IP CCTV
SYSTEMS



TEST AND
MEASUREMENT



CALIBRATE
AND REPAIR

Key Industry Expertise

Our customers benefit from our meticulously tested solutions and dedicated engineers who are consistently at the cutting edge of technology and beyond. Our \$1 million investment in our equipment provides our OSA engineers with hands-on experience and the resources to trouble-shoot customer issues.

Our lab engineers' experience, combined with our sales team, allows OSA to deliver the best possible solution around the parameters provided.

Over the past decade, OSA's national laboratories have been home to many project deliveries across many market verticals, including Networking, CCTV and Hospitality. Our lab has been involved with many impressive projects, including:



UNSW CISCO



Walsh Bay Piers - ARUBA active switches



Military Vehicle Centre of Excellence - ARUBA active switches



Herston Quarter Health Precinct - ARUBA active switches



Cherbourg City - CCTV



Townsville Police Station Watchhouse - CCTV



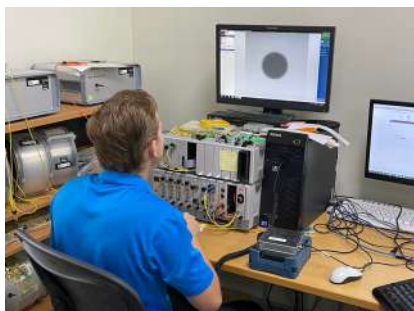
Stockland Retirement Communities - Calix GPON, 350 independent living units. Full voice and data network pre-staging.



HMAS Cerberus RAN SSSS CCTV Network - Standard and Thermal Network testing, complex network pre-staging including HDMI over fibre to remote screens.



DCI Data Centres - 122 camera networks, including storage and VMS server clusters. Full network pre-stage for a plug and play onsite solution.



Whether you have a single camera suited to the environment, a project encompassing thousands of cameras or a single 8 port switch, customers and clients benefit from our national laboratory testing, for any project size and budget. Our clients can always rely on us to be one step ahead and proactively look forward to rapid changes in technology.

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.



Aruba Networking: Mobile and IoT Solutions

Aruba's wireless solutions deliver the flexibility and high performance to meet the needs of any mid-sized business or high-density enterprise. With built-in AI intelligence, location services and seamless roaming, users and IT receive an optimal experience.



Calix: Broadband Communications

Calix is at the forefront of enabling the innovative ways that communications service providers deliver advanced broadband services and value to their customers. Calix allows service providers to connect to their residential and business subscribers and deploy virtually any service over fibre- and copper-based network architectures.



EXFO: Test and Measurement

EXFO is a leading provider of next-generation test and service assurance solutions for wireless and wireline network operators and equipment manufacturers in the global telecom industry. The company offers innovative solutions for the development, installation, management and maintenance of converged, IP fixed and mobile networks.



Luxriot: Video Management Systems

Luxriot is a digital video recording and remote surveillance software engineering firm. With a clear focus on open access software development and unique approach to licensing based on reducing total cost of ownership for their clients, Luxriot is a dominant presence in the global VMS market.



Microsens: Fibre Optic Solutions

Microsens is one of the pioneers in fibre optic transmission systems, catering for all areas of fibre optic technology. With solutions for effective office networks and industrial applications in rough environments, to the access of large-scale location networks and to high performance wide-area networks, Microsens guarantees efficient and fast data transmission.



Sumitomo: Fibre Optic Solutions

Sumitomo Electric is a major Japanese producer of fibres, fusion splicers, cables, materials and equipment for the semiconductor and opto-electronic industries. OSA works closely with Sumitomo Electric to ensure we deliver the very best optical fibre fusion splicers and fibre optic solutions to our customers across a range of market verticals.



Teleste: Video Networks

Teleste's mission is to develop and offer video and broadband products, services and solutions for cable operators and the public sector. As the leading provider in the Video Networks field, Teleste builds a modern networked society with new broadband and video solutions.



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