



Introducing Lightspeed Communications





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Established in 2001, Lightspeed Communications has evolved to become one of Australia's leading specialists in the design, installation and maintenance of structured cabling and fibre optic communication networks.

As a privately owned Western Australian-based business, our quality services are recognised amongst leaders in the manufacturing, construction, telecommunication and mining industries throughout Australia.

Our team of highly skilled technicians have more than 25 years combined experience in the design and implementation of communication networks, ranging from office fit outs to complex fibre optic networks.

Our focus on excellence, attention to detail and our flexibility has contributed to our reputation as leaders in this niche field.

Our commitment to you

Lightspeed Communications is dedicated to providing businesses of all sizes with smart communication networks which exceed client expectations. By using our experience, design capability, skills base and supplier relationships, we pride ourselves on delivering first class systems on time and to budget.

We are committed to continuous improvement and achieving excellence in everything we do.

Our core services

Drawing on a history of innovation and industry expertise, Lightspeed Communications' services are structured to deliver outstanding results across four key areas.

Design consultancy

The design phase is the critical first step for any communication network. This stage provides the important foundation to ensure outstanding performance, reliability, manageability and potential for growth.

Lightspeed Communications has a team of highly experienced project managers who ensure new installations are designed with the most appropriate and cost-effective hardware to meet system requirements.

Installations are planned using the latest computer software to provide detailed drawings and planning documentation which are carefully scrutinised to ensure their efficiency and cost-effectiveness. These specifications are also crucial for future maintenance and alterations.

“ ... highly experienced project managers ensure new installations are designed with the most appropriate and cost-effective hardware to meet system requirements ”

Lightspeed specialises in:

- › Strategic network planning
- › Product selection and analysis
- › Network design and engineering
- › Detailed design and drafting
- › Streamlined installation with other on-site trade service companies





Structured Cabling

A structured cabling system provides the platform upon which an overall information system is built, making it a critical component for any business.

Lightspeed Communications has vast experience in building flexible cabling infrastructures which support multiple voice, data, video and multimedia systems.

In a rapidly advancing information age, it is vital to install the correct communication infrastructure. As such we pride ourselves on being at the forefront of the latest cabling technologies.

In this area, we specialise in:

- › Design of structured cabling systems
- › Supply and installation of voice and data networks
- › Cable moves, cable adds and cable changes to existing cabling infrastructure
- › Cable patching and patch panel installations
- › Certified installations of vendor-specific network infrastructure
- › Telephony cabling
- › Installation of Cat5e, Cat6, Cat6A, STP and FTP Solutions
- › Auditing

Lightspeed Communications works in alliance with one of Western Australia's leading electrical companies to provide a comprehensive service for businesses which require electrical work to be completed during infrastructure renewal or expansion.

We are able to offer our clients a one-stop service for all communications and electrical requirements.

Fibre Optics

Lightspeed Communications can supply, install and test all fibre optic cables and networks. Whether the requirement is for a small point-to-point connection, a large fibre backbone network for an office or plant, or a multi-camera CCTV installation, our team can ensure the best network is installed at an affordable cost.

Lightspeed specialises in:

- › Fibre optic cabling installation and termination
- › Installation of fibre between buildings, computer rooms, and key areas of any network mainframe
- › High-rise backbone fibre installation
- › Fusion splicing
- › Optical Time Domain Reflectometer (OTDR) testing
- › Fibre optics for remote location, including offshore platforms and mining infrastructure
- › Fibre optic accessories
- › Other specialist fibre requirements





Maintenance

Once a cable system has been constructed, it must be well maintained to ensure the highest level of network availability. Lightspeed Communications is able to provide the specialist equipment, resources and knowledge to maintain your network. In addition, our certified technicians have the expertise to swiftly repair infrastructure in the event of a cable fault.

Lightspeed Communications also operate in a consultancy capacity to give strategic and practical advice for the improvement and repair of current or ongoing system faults or downfalls.

In this area, we specialise in:

- › Supply of data cabling testers (up to 10 Gigabit) and phone cabling testers
- › Locating faults, including breaks or system loss in optic fibres
- › System and cable maintenance
- › Network improvement advice and consultancy

“ Lightspeed Communications is able to provide the specialist equipment, resources and knowledge to maintain your network ”

Our Customers

Lightspeed Communications has a broad customer base ranging from small businesses to multi-national corporations. We undertake work in both metropolitan areas as well as remote sites, both Australia wide and offshore.

All clients are assigned an experienced project manager to ensure consistency and to maintain one-on-one contact between the client organisation and on-site personnel.

Some of our clients include:

- > Amcom Telecommunications Limited
- > Barrick Gold
- > Byrnescut Mining
- > City of Fremantle
- > Cooperative Bulk Handling (CBH)
- > Fremantle Council
- > Gold Corporation
- > Global Customer Service
- > JP Kenny
- > Kolbe College
- > L7 Solutions
- > Multiplex (MMZIV)
- > Newcrest Mining
- > The Ausclad Group of Companies (AGC)
- > Wesfarmers Energy
- > WA Department of Housing and Works

“ Joseph Arrigo and his team are clearly passionate about their profession and the quality of their work... and I would highly recommend their services ”

What our customers say about us...

“After engaging Lightspeed Communications, Ausclad’s network cabling environment has been transformed from a fault prone bundle of cables to a state-of-the-art communications infrastructure, which follows world’s best practice.

“Joseph Arrigo and his team are clearly passionate about their profession and the quality of their work. They get the job done swiftly and efficiently and I would highly recommend their services.”

**Wayne Neilson, Senior IT Systems Administrator
Ausclad Group of Companies**



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