

# Delivering excellence in ICT Business Solutions

Founded over 35 years ago, Lexel is one of the largest privately-owned providers of ICT services and solutions in New Zealand. An agile and innovative organisation, Lexel has a team of over 170 people and annual revenues exceeding \$80m.

Lexel delivers peace of mind for your ICT journey, with extensive expertise in ICT services and solutions. Consistently delivering quality and innovation, the experienced team implements solutions to global best practice standards. Lexel ensures you are fully informed to make the right decision for your business.

Lexel's specialist expertise includes several key vertical markets; delivering customised solutions for retail, finance, defence, manufacturing, health and aged care sectors.

The name Lexel, derived from the word 'excellence', represents our dedicated focus and promise to our clients.

Across New Zealand and Australia, you can rely on Lexel's commitment to service excellence, every time.

## Lexel values

**People.** Our people are our most valuable asset.

**Results.** Profitable growth for our organisation, our clients and our partners.

**Integrity.** Deliver on our promises, every time.

**Dedication.** Exceed our commitments to each other, our clients and our partners.

**Excellence.** Outstanding service and support in everything we do.



The level of service and response to issues has been outstanding! It is refreshing to have a vendor who puts the customer at the front of service provision and ensures our systems are always available.

**JAMES DRING** Global Business Technology Director, Compac Sorting Equipment



## Services

**Managed Services.** Taking a holistic approach, Lexel offers managed services across our entire range of services and solutions.

**Professional Services.** A range of services that includes Unified Communications, Microsoft Teams, SharePoint, Contact Centre, Networking, Security, Wi-Fi, Digital and Surveillance.

**Cloud Services.** Readiness, planning, migration and support for cloud services including Microsoft 365, SharePoint, Teams, Power BI, AWS and Citrix Cloud. Delivery of public and private cloud infrastructure, DR, backup and data centre.

**Support Services.** Locally based support for all major hardware and software brands 24 x 7, 365 days a year.

➤ **Field Services.** Onsite support with nationwide coverage.

➤ **Service Desk.** 24 x 7 locally based support with target SLAs.

➤ **Retail Service Desk.** Providing full support for POS, surveillance and CRM solutions.

**Service Management Office.** Specialising in service delivery, service management and business intelligence.

**People Resourcing as a Service.** Flexible ICT resourcing to meet your needs, on your terms.

**Procurement.** Cost effective, flexible, responsive ICT managed procurement services and solutions.



I would absolutely recommend Lexel to other businesses. The thing that I love about them, is that I'm able to pick up the phone, and they direct me to the expert I need to talk to in order to get my job done.

**AMY VO** - IT Manager, My Food Bag



# Passive Optical LAN (POL)

A new era in structured cabling solutions

**The smart alternative to traditional structured cabling, Passive Optical LAN (POL) delivers significantly better performance than a traditional Ethernet LAN and up to 50% savings in operating costs.**

As businesses contemplate how to introduce a new generation of services, improve productivity, lower costs and build a competitive advantage, they are faced with tough decisions about the performance and capacity of their existing local area networks.

POL technology eliminates the networking limitations imposed by traditional copper-based ethernet, delivering:

- › Up to 50% savings in operating costs
- › 1500 devices per core switchport
- › Significantly greater bandwidth
- › Greater speeds per user / device
- › Network convergence
- › Simpler operations.

Traditional copper is both labour and cost intensive, whereas POL removes the challenges of:

- › Crowded equipment rooms
- › Seismic engineering
- › Complex wiring closets
- › Increased high-volume air conditioning (HVAC).

The copper deployment model creates an environment that is expensive, wasteful and inefficient to maintain.

POL is based on a technology called Gigabit Passive Optical Networking (GPON). GPON is deployed by many of the world's largest telecommunications carriers and serves millions of users worldwide. Along with POL, GPON has quickly established itself as the worldwide standard for delivering a new generation of services.

For any project, which includes installing a new building cabling network or refurbishing an existing infrastructure, POL should be the solution of choice.


**As the most qualified Nokia Passive Optical LAN (POL) partner in Australasia, Lixel offers peace of mind for your POL migration.**


**End-to-end Services.** From design to deployment Lixel is the only partner you need for your POL solution.


**Managed Services.** 100% OPEX, Lixel's POL solution includes SLA's to meet your organisation's unique business requirements.


**Support.** With on-site and remote support options across Australasia, Lixel is available 24x7, 365 days a year.


## BENEFITS OF PASSIVE OPTICAL LAN (POL)

 **Bandwidth.** Up to 2.5 Gb/s and up to 10Gb/s both downstream and upstream over a single strand of glass.

 **Future-proof.** Capable of serving hundreds of thousands of connected devices, POL includes co-existence, integration into software defined networking and 5G or private LTE mobile, along with 25Gb connectivity in the roadmap.

 **Security.** Delivering a military-grade secure environment for transporting sensitive data, POL is inherently hard to tap into. Fibre has no cross-talk and unlike copper, is not affected by electromagnetic interference.

 **Network convergence.** Converge up to 3000 digital services (voice, data, CCTV, IPTV, AV) onto the same fibre network allowing more efficient maintenance, cabling and performance.

 **Lower operating costs.** With up to 50% lower operating costs, POL delivers savings in maintenance, power, space, management, service contracts, testing, certification and upgrades.

**Talk to Lixel today about taking your network to the next level with Passive Optical LAN**