nzdata™

complete nationwide
infrastructure specialists

NZ runs on Data

NETWORK • DATA CENTRE • WI-FI • AUDIO VISUAL • SECURITY • NURSECALL

Our Vision

To transform the way New Zealand connects, with pioneering structured communications & data cabling solutions and outstanding client service, setting the pace as a partner for industry and ensuring our clients success.

Introducing NZ Data

YOUR COMPLETE DATA INFRASTRUCTURE PARTNER

NZ Data is New Zealand's leading data and communications cabling company.

We have one goal – to provide sector leading network design and installation, unified communications, wi-fi, audio visual and security solutions for government and business across New Zealand.

We deliver the complete nationwide service and support solution. With over 80 staff spread across the country (Auckland, Hamilton, Palmerston North, Wellington, Christchurch and Dunedin) and over 250 certified subcontractor partners providing 100% installation and service coverage for any location in New Zealand.

At NZ Data we bring decades of hands-on expertise to consult on, design, and install structured cabling solutions to maximise connectivity and efficiency across your organisation.

Partners depend on us for sector leading network and cabling solutions and we know the quality of every installation is important. We're proud of our reputation for rapid response times, high-quality installations and ongoing site support.

When you select NZ Data, you're working with friendly, knowledgeable staff and skilled engineers to design and install the perfect network solution.

Exceptional Outcomes

DELIVERING THE BEST ADVICE, SOLUTIONS AND ONGOING SUPPORT TO OUR CLIENTS

NZ Data have been instrumental in delivering structured cabling projects in the data centre and technology industry since 2006. NZ Data's reputation has been built on offering its client base an agile, reliable, and precise service.

With an established reputation built on quality, flexibility, and reliability we constantly seek to better meet and exceed client expectations. NZ Data holds numerous industry certifications and accreditations. Through careful recruitment, vetting and rigorous training, our critical industry qualifications and partner programs are sector leading.
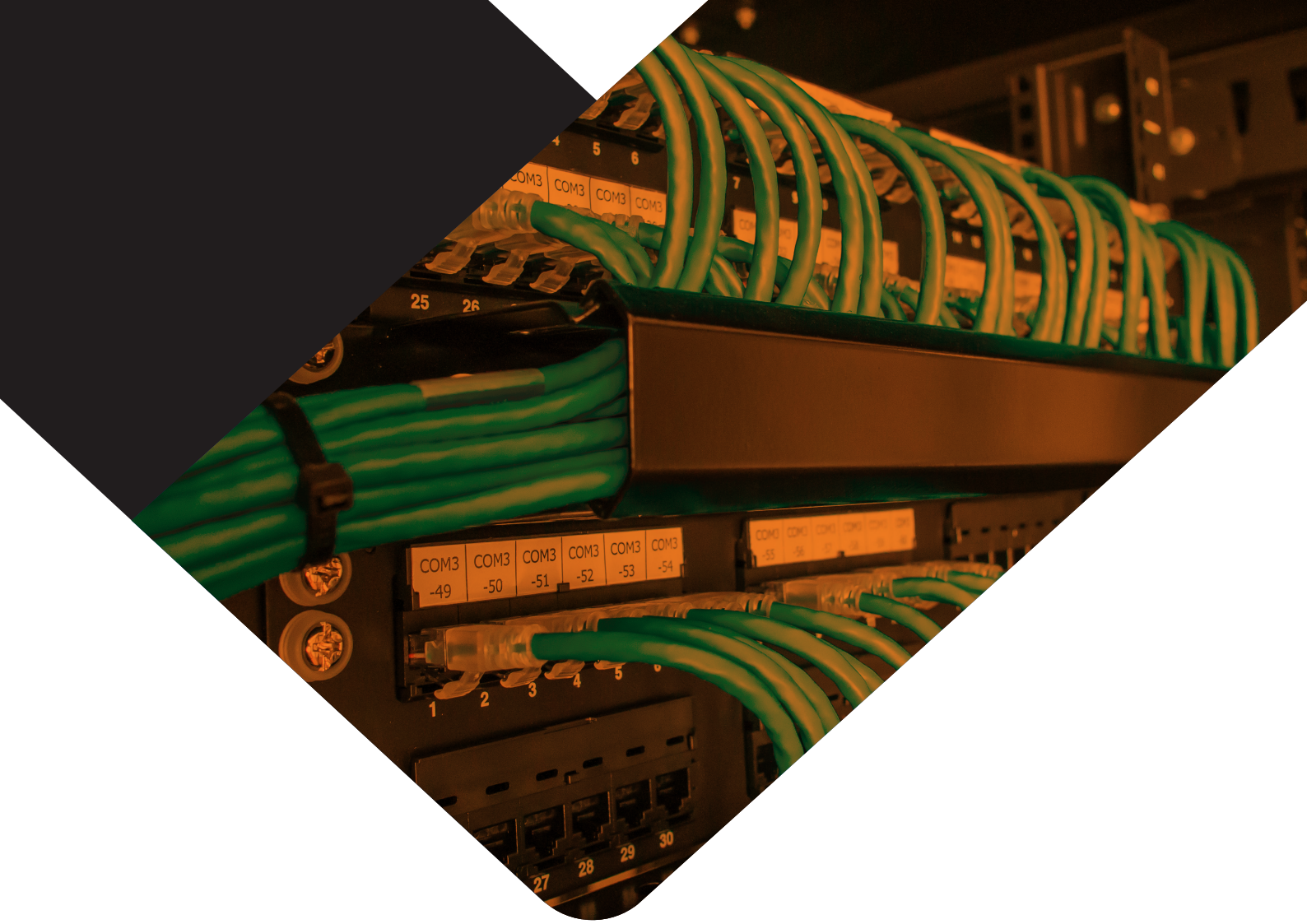
The team at NZ Data believe that any information, communication and technology solution supporting a business is more than a value-added product and needs to be expertly designed, implemented and maintained by skilled personnel to effectively support the growing requirements of any successful business.

We truly value our clients and are committed to providing them with innovative solutions, advice and ongoing support. We partner with the world's best suppliers of technology to bring our customers the best solutions available to meet their needs, and pride ourselves on the added value that we bring to the relationship.

Most importantly, we always strive to create memorable customer outcomes, and aim to deliver unexpected, intangible value that cannot be packaged or sold. This includes personalised service, attention to detail, and showing a sense of urgency to address concerns as they arise.

AA
ACC
AIRWAYS making your world possible
ALSCO
ARA SECURITY
ASB
ASPEC
Auckland Council Te Kaunihera o Tāmaki Makaurau
AVIS
babcock
BDO
B
bnz
BOEING
CCi
Cello.
CentrePort
CHUBB
CDC
CPB CONTRACTORS

DATACOM
DENTONS
Department of Conservation Te Papa Atawhai
DEPARTMENT OF CORRECTIONS ARA POUTAMA AOTEAROA
DHL
DOMINION CONSTRUCTORS LTD
Downer Relationships creating success
DUNEDIN CASINO
ELECTIONS ELECTORAL COMMISSION Te Kaitiaki Take Kōwhiri
ELECTRICITY AUTHORITY TE MANA HIKO
EndFire ENGINEERING
E/S/R Science for Communities
facebook
FIRE EMERGENCY NEW ZEALAND
FLIWAY DELIVERING TRANSPORT SOLUTIONS
FOCUS CONSTRUCTION GROUP
Fonterra Dairy for life
FREEAR PHILIP
Fulton Hogan
Google
greater WELLINGTON REGIONAL COUNCIL

HAWKINS
HIGGS CONSTRUCTION
HCL
Healthscope
Health New Zealand Te Whatu Ora
HERITAGE NEW ZEALAND POUHERE TAONGA
Homecare Medical partners in connected care
ICON
Inland Revenue Te Tari Taake
KiwiRail
Land Information New Zealand Toitū te whenua
LEXEL
LEIGHS CONSTRUCTION
liquid security led IT
LINCOLN UNIVERSITY TE WHARE WĀNAKA O AORAKI
LOCKHEED MARTIN
L.T. McGuinness LIMITED BUILDING CONTRACTORS
Manaaki Whenua Landcare Research
MARITIME
maycroft construction + management
McKEE FEHL CONSTRUCTORS LTD
Meta
Microsoft

Ministry for Primary Industries Manatū Ahu Matua
MINISTRY OF BUSINESS, INNOVATION & EMPLOYMENT HĪKINA WHAKATUTUKI
Naylor Love
netQ
NIWA Taihoro Nukurangi
NTT
NZ STRONG LEADING CONSTRUCTION
NEW ZEALAND CUSTOMS SERVICE TE MANA ĀRAI O AOTEAROA
NZ TRANSPORT AGENCY WAKA KOTAHI
NZPost
one.nz
Open Polytechnic KURATINI TUWHERA
ORANGA TAMARIKI Ministry for Children
OTAGO POLYTECHNIC Te Kura Matatini ki Otago
PARLIAMENTARY SERVICE Te Ratonga Whare Pāremata
PGG Wrightson
PORTS OF AUCKLAND TĀMAKI HERENGA WAKA
REANNZ
Rauland
Rheem INSTALL A RHEEM

RYMAN HEALTHCARE
The Selwyn Foundation
SKYCITY
SOUTHBASE CONSTRUCTION
Spark nz
SPOTLESS A Downer Company
St John
steel&tube STRONGER IN EVERYWAY
TRACER INTERIORS AND CONSTRUCTION LIMITED
TE TAI ŌHANGA THE TREASURY
TOURISM NEW ZEALAND
tvnz
2°
VADA
UPS
WH Watts & Hughes
Westpac
Woolworths
zeal Commercial Interiors

Structured **Cabling**

ROBUST, HIGH-PERFORMING AND RELIABLE CABLING SYSTEMS ARE THE BACKBONE OF ANY COMMUNICATIONS NETWORK

NZ Data is New Zealand's leading data cabling company. Due to our ability to leverage our inhouse installation technicians and global contracting partners, we can deliver cabling projects concurrently anywhere in New Zealand, at any time. With our oversight and quality management, we ensure exceptional outcomes for our clients.

We provide innovative solutions to support voice or data application requirements that add bandwidth, performance and functionality to networks and can encompass single or multiple locations. From Cat6A fibre optic to high performing copper cabling, we have structured cabling solutions designed to ensure your data infrastructure supports the latest technologies, are cost effective and provide future-proof options for enterprise networks.

NZ Data provide the following Structured Cabling Services:

- Consultancy and Design
- Project Management
- Fluke DTX Testing
- Fusion Splicing
- Product Supply
- Implementation
- Project Management
- On-line Quality Control
- On-line Documentation
- Parts and Labour Warranties
- Physical Infrastructure Trouble Shooting

The team at NZ Data are experts at the design and installation of cabling systems that support multiple hardware uses for today's needs and well into the future in the most cost effective, value add and professional way.

Our teams of trained, skilled professionals work collaboratively with you to plan, design, build and maintain practical cabling solutions that are versatile, reliable, scalable and above all tailored to meet your exact needs.

Add to this our huge global purchasing power, we ensure that we are the perfect mix of quality product, value for money, exceptional service with a future-proof support network. We are your COMPLETE Infrastructure solution.

What is Structured Cabling?

An organised approach to network infrastructure can be likened to the trunk of a tree, with a myriad of branches heading off to serve separate zones, individuals and functions. Structured cabling refers to the planned and organised deployment of copper and fibre-optic wiring that make up a building's telecommunications cabling infrastructure. Like electrical services, it runs throughout the building and connects directly to network servers and switches. Structured cabling delivers dependable, efficient performance, and the flexibility necessary for your network's infrastructure.

Conventional point-to-point cabling connects different parts of your network through a single wire, often fibre-optic cables. With structured cabling, you have a series of wires that connect servers and switches through flexible pathways that are easier to manage and maintain due to their divisions and shorter lengths. This planned approach makes it an ideal option for organisations with numerous connections as it streamlines the entire cabling process.

The components of structured cabling include:

- Secure Entrance Facilities
- Equipment Room
- Backbone Cabling
- Server Room
- Horizontal Cabling
- Work Area Connectivity

Structured Cabling: Follows a systematic and organised design based on industry standards such as ANSI/TIA-568 and ISO/IEC 11801. This ensures the cabling infrastructure is logical, scalable, and easy to manage and maintain.

Unstructured Cabling: Lacks a standardised design, leading to a chaotic and disorganised setup, problems with cable management and maintenance, compromising network operational performance.

Fibre

COMMUNICATE AT THE SPEED OF LIGHT

NZ Data's comprehensive optical fibre ecosystems are built for all the ways information moves our world - for individual businesses, connected communities, data centres and national operators. Whether you're connecting an office, a hospital, a school or a national network, NZ Data will help you design and deploy a fibre network that will deliver from day one and stand the test of time.

Optical Fibre Cables: Connecting the Future

When it comes to reliable and high-speed data transmission, fibre optic networks designed and installed by NZ Data stand out as the industry leader. These cutting-edge optical networks are designed to meet the demands of today's data-driven world.

Unparalleled Performance

NZ Data fibre optic networks deliver exceptional performance across various applications. Whether you're setting up a local area network (LAN), connecting data centres, or enabling high-speed internet access, these cables ensure minimal signal loss and maximum bandwidth. With low latency and high data transfer rates, NZ Data fibre optic networks empower businesses to stay ahead in the digital race.
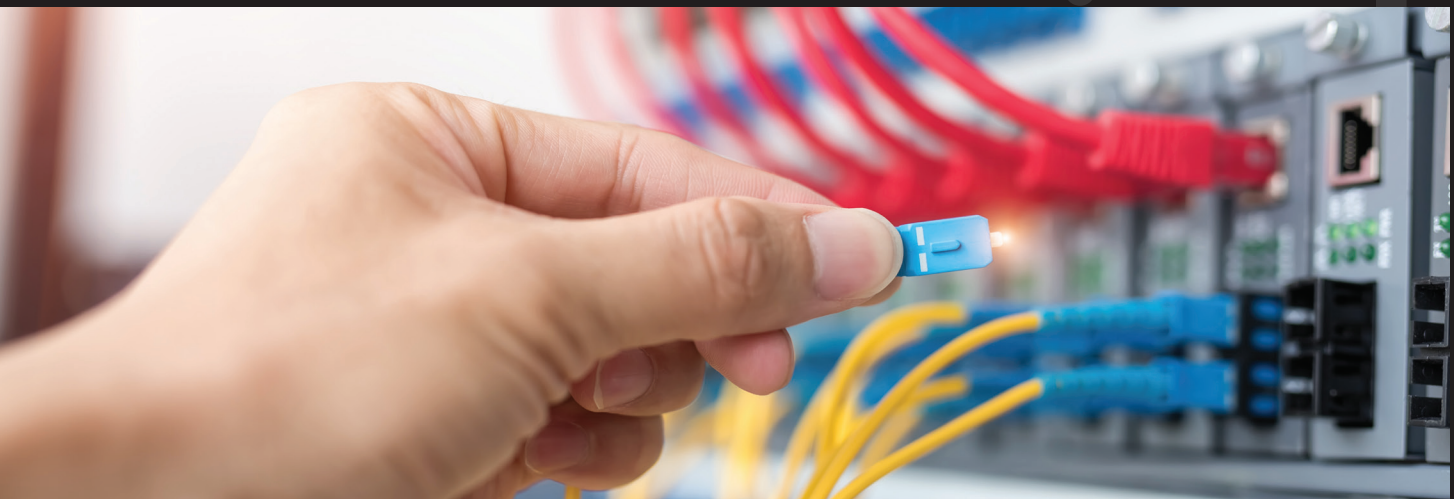
Versatility and Durability

From indoor installations to harsh outdoor environments, NZ Data fibre optic networks excel. Whether you need single-mode or multi-mode cables, NZ Data offers a wide range of options. Plus, their bend-insensitive design minimises installation challenges, making them ideal for tight spaces and complex layouts.

Future-Proof Solutions

As technology evolves, so do the demands on network infrastructure. NZ Data fibre optic cables are future-proof investments. They support emerging technologies like IoT, and cloud computing. When businesses invest in quality networks, they're not just connecting devices—they're building a foundation for the future.

Fibre optic networks designed and installed by NZ Data combine performance, versatility, and future readiness. Whether you're an IT professional, a network engineer, or a business owner, NZ Data delivers the connectivity you need.

Wi-Fi

WIRELESS INFRASTRUCTURE SOLUTIONS

NZ Data has an extensive track record in wireless solutions gained from working with enterprise and government clients. Our experience designing and installing within a diverse range of environments such as warehouses, office buildings, cool stores, educational campuses, ports and vehicle ferries ensures that we have the complete solution for all your wireless needs.

We use industry-leading analysis and simulation tools to model the expected signal coverage over any site, and can discover, diagnose and design for even the most ambitious wireless projects. For project assurance we are a registered Cisco Partner.

NZ Data's wireless services include:

- **Pre-Installation Spectrum Analysis:** Accurate spectrum analysis before installation.
- **Pre & Post Site Surveys (Ekahau):** Comprehensive site surveys for optimal wireless performance.
- **Wireless Performance Testing:** Ensuring high-quality wireless connectivity.
- **Wireless Integration:** Seamless integration of wireless solutions.
- **Product Supply:** Quality wireless products.
- **Design and Implementation:** Custom wireless network design and installation.
- **Project Management:** End-to-end project management.
- **As-built Documentation:** Detailed documentation of installations.
- **Parts & Labour Warranties:** Ensuring reliability and peace of mind.
- **Problem Troubleshooting:** Expert troubleshooting services.
- **Design Reviews:** Comprehensive reviews to ensure optimal design.

Data Centre
Infrastructure

THE PROVEN AND RELIABLE PARTNER FOR ALL YOUR DATA CENTRE NEEDS

In the dynamic, fast-paced Data centre industry, the demands on network infrastructure are ever-changing. So, be ready for the future, whatever it brings. If you are looking for a partner with extensive knowledge of the core physical or hardware-based resources and components – including all IT infrastructure devices, equipment and technologies – we can provide a solution to meet the needs of your environment and budget.

With more than two decades experience designing and delivering projects for hyperscalers, colocation providers and enterprise data centre clients, we are uniquely positioned to help you keep up with demand and capitalise on the datacentre opportunity.

The Centre of Connections

So, how do we fit in? NZ Data is a single provider of multi-layered data centre solutions. Our expertise across the datacentre environment means we can add our services wherever you need them – or wrap your entire operation.

Design

Infrastructure and containment design solutions using CAD and BIM

Off-site pre-staging

Off-site pre-staging of equipment, and on-site hardware installations

Monitoring

Environmental and power usage monitoring

Installation

- Copper and fibre cabling installation
- High-capacity Optical Distribution Frames(ODFs)
- Network and server cabinets, provisioned with intelligent Power Distribution Units (PDUs)
- Hot and cold aisle containment solutions
- Cabling containment including ladder racking and fibre runner

Managed services

- 24/7 fully managed support service
- Cabling support, changes and patching

Project Management

Management across IT infrastructure and facilities

Security Systems

SAFETY AND SECURITY IS OUR PRIORITY

We offer the complete range of electronic security Systems, from alarms to access controls and Closed-Circuit television systems (CCTV).

With our approved partners and installation team, we offer the complete range of products and services that best meet your needs and experience in working in all commercial environments.

We understand that you and your property's safety and security is the priority. From the appropriate response service you require, with real-time alarm history via the internet, we have the cost-effective monitoring and guard services solution for you.

CCTV Installations

A well-designed Security / CCTV solution safeguards key organisational assets, personnel and products. CCTV and Security Systems play an important role in modern organisations. Effective and efficient systems can not only deter crime but provide critical, auditable data for tracking not only personnel but assets and products alike.

Access Control System Installations

NZ Data has a solution to meet your access control and surveillance requirements and budget. Utilising some of the world's leading security products

and with solutions ranging from IP based camera surveillance and DVR's to Cardex Access Control Systems, we will evaluate and design a tailored solution for your organisation.

- Keypad and Sensor mounting
- Access control cabling solutions
- Digital Surveillance
- Mounting and adjustment of security cameras
- Physical connectivity – fibre, data cabling and Wi-Fi solutions
- Preventative maintenance services – protective dome cleaning, lens cleaning and camera adjustment

NZDATA.CO.NZ

Nurse Call

CONNECTED FOR CARE

NZ Data are authorised resellers and installers across New Zealand for Miracle CareCall and Emergency Call solutions. Miracle solutions are used in hospitals, healthcare facilities, and retirement living communities.

Nurse Call alert systems can be deployed to suit facilities large or small, with extensive device options for care staff that are on the move across these communities. We offer the complete solution for hardwired and wireless applications as well as reporting software integration.

Our integration approach allows Nurse Call, Security, Communications, Electronic Care Management, E-Medication Management, Building Management Systems, Clinical Alarms, Real-time Location Systems and Messaging Alert devices to work together to enhance workflow, achieve efficiencies, optimise resources and manage risk.

Nurse Call services include:

- **Consultancy and Design:** Tailored nurse call solutions
- **Project Management:** Comprehensive oversight of nurse call projects
- **Product Supply:** Quality products for nurse call systems
- **Implementation:** Efficient and effective installation services
- **On-line Quality Control:** Ensuring high standards of quality
- **On-line Documentation:** Detailed project documentation
- **Parts and Labour Warranties:** Coverage for parts and labour
- **Physical Infrastructure Troubleshooting:** Expert troubleshooting services

Audio Visual

SOLUTIONS TO MAXIMISE PRODUCTIVITY AND COLLABORATION

NZ Data is a leading provider of Audio-Visual (AV) and Unified Communication (UC) solutions for connected and supported workplaces. By unifying AV, conferencing, and UC communication expertise, we deliver the complete design, installation, and support service for business, government, education and healthcare sectors across New Zealand.

The NZ Data team of engineers, designers, and technicians assess your project requirements to create an effective AV system that meets your needs and is appropriate for the environment. Our AV capabilities cover the complete range of communication from room booking, HD audio and video interactive screen technology, video conferencing, digital signage and display screens, to enable your organisation to operate on a connected basis, saving time and money and maximising efficiency.

We design AV solutions with the end user experience as our priority, offering flexibility, scalability and a user-friendly experience. Our dedicated and experienced audio-visual team deliver the complete AV solution, and how to seamlessly migrate from your existing systems without productivity loss.

Client Portal

Our exclusive and secure 24/7 Client Portal delivers real time information about every aspect of every job.

We provide our key clients with a dedicated secure online portal that delivers truly responsive and accurate service delivery information designed to make working with us simple and fast with minimum effort and maximum efficiency.

Following the complete project lifecycle, from first initiation to project completion, all tasks are recorded and monitored by our support team for immediate response. This online information is available to our clients 24/7 and all data is updated in real time, allowing true and accurate information for both internal management and end users.

The Client Portal is fully customised to project requirements and updates include percentage of task completed, notes, photos and attachments of supporting documentation.

Benefits:

- One secure and permanent place for all communication and documentation
- Eliminate email overload
- Access and share all relevant files and documents in a few simple clicks
- Request, order and track all projects in real-time (24/7)
- Request an immediate quote
- Exchange documentation across all devices instantly
- Sign off completed jobs
- Hosted in New Zealand.

Complete Nationwide Coverage

Contact Us

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