

Capability Statement



A member of the
SCEE GROUP

About Datatel

Leading the way in commercial electrical and communications solutions.

Datatel is proud to be one of Western Australia's premier Electrical and Communications contractors. Specialising in Government, Corporate, Education and Resources works, we have a team of skilled Electricians, Technicians and Apprentices who are dedicated to providing the highest level of expertise and service to our clients

We have been trusted by our clients nationally for over 20 years to deliver safe, reliable and high quality solutions to sites throughout Metro and Regional Western Australia. Datatel are experts in the design, implementation and integration of Electrical and Information Transport Systems and the supporting infrastructure.

Datatel believes the safety and health of our people is of the greatest importance. To assist us in achieving our objectives and targets, Datatel maintains, monitors, and continually improves our ISO 45001 Certified Health and Safety Management System.

We have a reputation of being professional and easy to deal with – working with our clients to get the job done. Our teams and equipment can be mobilised to complete projects state-wide, and our success is underpinned by a focus on quality, innovation and training.

Datatel have always been at the forefront of technology, investing in cloud based systems and developing our own proprietary cloud based system, "team.datatel", to support efficient delivery of our operations, as well as providing our clients real-time access to job information via our Data-Track portal. Our systems are fully integrated with our ISO 9001 certified Quality Management System, which allows us to provide extremely high levels of service unsurpassed in the industry.



Southern Cross Electrical Engineering Limited ('the SCEE Group') was founded in 1978 and listed in 2007 (ASX:SXE). Over that time we have grown to be a leading national electrical, instrumentation, communications and maintenance services group of businesses. The acquisitions of Datatel in 2016, Heyday in 2017 and the Trivantage Group which includes the businesses of Trivantage Manufacturing, S.J. Electric and SEME Solutions in 2020, means the SCEE Group is now diversified across three broad sectors of infrastructure, commercial and resources.

SCEE Electrical is the original operating business of the SCEE Group, historically focussed on resources and industrial projects, but more recently diversified into transport, infrastructure, defence, utilities and renewables.



Datatel is a telecoms and communications specialist and provides services to the education, health, government, resources and transport sectors.



Heyday is a NSW and ACT-based electrical contractor undertaking commercial building construction and fit-outs, and servicing the office, retail, hotel, high-rise residential, education, health, transport, industrial and data centre sectors.



Heyday Group

S.J. Electric is a national provider of electrical and maintenance services to supermarkets, and the retail, commercial and water sectors.



SEME Solutions provides electronic security services to the resources, law-enforcement, custodial, industrial, and health sectors.



Trivantage Manufacturing is a leading manufacturer of packaged electrical solutions including premium quality switchboards, kiosk substations and switchrooms, covering low to high voltage capabilities across the infrastructure, resource and commercial sectors.





Our Markets

Expertise in diverse markets

Our vast experience underpins our strength in successfully delivering life-of-project electrical, instrumentation and communications construction projects and maintenance services to large and small private and public enterprises across diverse markets.



Commercial

We construct and maintain high quality electrical and communications solutions for commercial buildings, factories, warehouses, campus environments, schools, retail tenancies, government facilities and aged care facilities. We work with owners, builders, developers and facility maintenance providers leveraging our experience built up over 20 years to provide high quality solutions to our clients. We deliver electrical infrastructure, fibre optic communications and structured cabling systems, building controls, emergency power and energy management systems, lighting solutions, distributed antenna mobile coverage solutions, emergency call-out and planned asset maintenance programs.



Resources

We deliver specialist communications, technology, electrical and controls systems for some of Australia's largest mining and mineral processing sites, port facilities and transport operations. Our specialist services are contracted across mine sites from operation centres to camps and mining infrastructure to ensure critical facilities remain operational, and our specialist services support new developments and major upgrades across Australia.



Infrastructure

We work alongside leading contractors in the construction and maintenance of private and publicly funded infrastructure assets. Our teams undertake specialist electrical, communications, SCADA control, lighting and mobile coverage solutions for transport, healthcare, education, aged care, defence, telecommunications and utilities assets.

The Datatel Difference

Innovative

Datatel's award winning cloud-based management systems have been developed to ensure a consistent and reliable approach to quality, compliance, health and safety and job management. Our team at Datatel provide mobile connectivity to all of our vehicles and assets so that we can mobilise resources efficiently, and our Data-Track client interactive portal ensures our maintenance clients have immediate access to the critical information they need.

Strong supportive management and a safety-first workplace

We aim to be a great employer with the best trained people so our clients benefit from our highly motivated workforce. We invest in our team's development, support their wellbeing and provide the best equipment. Safety is paramount and we focus on achieving zero harm.

Dedicated and experienced team

Our understanding of Electrical and Communications contracting runs deep, and we take pride in delivering a wide range of complex projects and services.

Asset maintenance specialists

From reliable test and tagging, break/fix callouts, to a national multi-campus asset inspection and testing program, every client has different expectations for the maintenance of the electrical and communications infrastructure critical to the continual operations of their facilities. At Datatel, we put in the effort and planning to satisfy those diverse needs, ensuring our client's electrical and communications infrastructure operates efficiently and reliably.

Reputation for quality and technical expertise

We have built a reputation for delivering outstanding projects, innovative solutions and performing above and beyond for our clients. At the heart of our business is a highly valued group of long-term clients who trust us and have consistently invested in our services.

National reach

Datatel have a vast network of long-standing sub-contractors across regional WA, and with our fellow SCEE Group businesses S.J. Electric, SEME, SCEE Electrical and Heyday, we are able to support our clients with a truly national reach.

Our Capabilities

Electrical and Communications Construction

At Datatel, we have long demonstrated our proven capability in the Electrical and Communications design, construction, installation and commissioning of general and specialised infrastructure. Our strength in technical solutions and quality delivery is well known, and we provide services to clients from multi-national supermarket, liquor, and petrol chains, to data centres and public buildings. Whether upgrades, refurbishments or new developments, our clients rely on us to respond with well-engineered solutions that can be delivered with minimal service disruptions.

- Power reticulation
- Category 5/6/6A structured cabling
- Optical Fibre Backbone
- Lighting requirements
- Emergency and exit lighting
- Automatic stand-by back-up power generation
- SCADA control systems
- Quality switchboard manufacturing
- Smart metering (IOT)
- Lighting control upgrades
- Emergency Power Systems



Electrical and Communications Maintenance Services

We are highly regarded for our strong capability in the provision of round-the-clock, reactive service and routine facility maintenance to metropolitan, regional centres and rural towns across Western Australia. Our team responds 24/7 with complete and effective services including prioritised break-down, preventative and corrective maintenance solutions. We deliver these with minimum business disruption, and our systems and processes are designed to give clients confidence in their asset performance and longevity.

- 24 hour/7 days a week installation and service
- Break-down repair and service
- Temporary power generation
- Asset register management
- Electrical testing and tagging
- Emergency and exit light testing
- RCD testing
- Thermographic imaging
- Switchboard service/maintenance

Specialist Communications Services

Datatel has a proven track record of being the construction partner of choice for the delivery of specialist communications services. We have a solid core of experienced personnel to deliver a wide variety of projects and offer clients expensive breadth and depth of specialist experience in the Communications sector. From site audits, shutdowns, upgrades and national infrastructure roll-outs, Datatel has the capacity and capabilities to meet our clients needs.

- End-to-end optical network installations
- GPON and FTTx installations
- Distributed antenna systems and in-building mobile coverage solutions
- Fixed and wireless networking design
- Access Flooring
- Data centre construction
- Communications distribution system design
- Earthing, ESD and lighting protection
- Critical communications asset maintenance

Infrastructure



Curtin University B105 Robinson Library Refurbishment

Client Kilcullen Constructions
Location Curtin University Bentley Campus, WA
Market Infrastructure – Education
Capabilities Electrical, Communications, and Fire Installations

Scope of Work

Datatel's works as part of the refurbishment of Levels 1, 2 and 3 of Curtin University's main library included the replacement of switchboards, new power and lighting, fire detection and 3M gate system. All of the works were undertaken whilst maintaining the library's 16 hours per day operating times.



University of Western Australia Maintenance

Client University of Western Australia
Location Crawley, Gingin, Claremont and Albany, WA
Market Infrastructure – Education
Capabilities Asset Maintenance

Scope of Work

Datatel have been a preferred contractor for UWA since 2006, and since 2019 Datatel have been engaged to complete preventative maintenance activities across UWA's multiple campuses across Western Australia. Whilst completing the works, Datatel recorded information on the location, quantity, capacity and condition of the clients' electrical assets, providing vital baseline data for the client. Datatel were also able to capture additional data on the electrical assets as part of our works, and input that data onto an online system.



University of Western Australia M Block Refurbishment

Client Western Projects
Location QEII Precinct, Nedlands, WA
Market Infrastructure – Education
Capabilities Electrical and Communications Installations

Scope of Work

Datatel were awarded the full electrical services package as a part of the refurbishment of UWA's Biomedical Sciences Block in the QEII precinct. Our works included the upgrade of existing switchboards, as well as all power, lighting, communications, security and fire services within an aging building with very limited space, to deliver a cutting-edge interactive research teaching space.



University of Western Australia Communications Network Upgrade

Client	University of Western Australia
Location	Crawley, WA
Market	Infrastructure – Education
Capabilities	Communications

Scope of Work

This project involved the termination of more than 3,000 cores of optic fibre and the supply and installation of over 14km of fibre optic cabling. Datatel were engaged to complete the full scope of works required to upgrade and modernise UWA's campus wide communications network. Datatel's scope of work included not only the fibre installation and commissioning, but also all associated conduit access, horizontal boring, trenching, and infrastructure remediation to complete an end to end solution for the client.



Mt Lawley Primary School Fire Restoration Project

Client	Department of Education, WA
Location	Mt Lawley, WA
Market	Infrastructure – Education
Capabilities	Communications

Scope of Work

When the Mt Lawley Primary School burnt down the Department of Education needed to establish a temporary school on the high school grounds, ready for the start of the new term. The timeframe given was two and a half weeks and Datatel was selected to complete the installation of the entire communications works required to build a temporary school campus.



University of Western Australia Central Plant Transformer Upgrade

Client	The University of Western Australia
Location	Crawley, WA
Market	Infrastructure – Education
Capabilities	Electrical Distribution

Scope of Work

Charged with the design and construction of a new electrical distribution transformer to replace aging infrastructure powering the production of chilled water for cooling the entire UWA Crawley campus, Datatel delivered a fully compliant solution that ensured that extensive building upgrade works were not required. Datatel's works including design of the HV, LV, earthing and building requirements, selection and supply of new HV transformer, new HV and LV mains, installation of new transformer and removal and disposal of the existing transformer.

Infrastructure



Curtin University Switchboard Maintenance

Client	Curtin University
Location	Bentley, WA
Market	Infrastructure – Education
Capabilities	Electrical Maintenance

Scope of Work

Datatel have been a preferred contractor for Curtin University since 2004. As part of this ongoing relationship, Datatel have been engaged to complete planned electrical switchboard maintenance activities at the Bentley Campus since 2015. These maintenance activities include the inspection and thermographic scanning of more than 1,000 switchboards and testing of more than 15,000 RCDs. Datatel's scope of work also includes full stakeholder engagement to schedule outages at times convenient to University operations to ensure works did not impact normal operations or research projects.



Curtin University B104 Switchboard Upgrade

Client	Curtin University
Location	Bentley, WA
Market	Infrastructure – Education
Capabilities	Electrical Infrastructure

Scope of Work

This project involved the replacement of the main switchboard at Curtin University's Building 104 in just a two week period. Due to the tight lead times involved, the new switchboard was ordered in advance prior to the client's final design, which allowed a rapid project delivery during the Christmas shutdown period. Upon mobilisation there were a number of issues identified with the design and Datatel were able to rework the project design to meet the client's requirements and still deliver the project in the required timeline.



Western Power Arkana Substation Pilot Cable

Client	Mainswest
Location	Balcatta, WA
Market	Infrastructure – Utilities
Capabilities	Communications

Scope of Work

Datatel's scope of works for this project was to install and commission a new fibre pathway from Western Power's Arkana Road substation to the Balcatta substation. This involved the installation of more than 2km of fibre optic cabling, and interconnection into the existing Western Power Network.



NBN Underground Switchboard Retrofit

Client	NBN Co
Location	National
Market	Infrastructure – Communications
Capabilities	Electrical, Switchboard Roll-out

Scope of Work

Working throughout regional and metropolitan Western Australia, Queensland, Victoria, Northern Territory and New South Wales, Datatel completed the retrofit of more than 5,000 underground switchboards as part of NBN's infrastructure upgrade project. The works included the isolation and retrofit of the existing electrical distribution system within roadside node cabinets. This project utilised Datatel's project management skills, combined with our electrical capabilities, to deliver a national program of works safely and to exceed the high safety and quality standards of our client.



NBN FTTx Network Construction

Client	Fulton Hogan, WBHO, Downer, Daly International, Visionstream, Lendlease, NBN Co
Location	National
Market	Infrastructure – Communications
Capabilities	Civil, Communications, Electrical

Scope of Work

Datatel were engaged nationally to construct the NBN network across the country. Working across all network technology models, including FTTP, FTTN, FTTC and FTTB, Datatel hauled more than 1,000km of optical fibre, installed more than 7,000 optic joint enclosures, terminated and tested more than 200,000 fibre optic cores, installed more than 50km of underground conduits and more than 1,000 new cable pits. Datatel were a leading construction partner of the NBN nationally during the peak of the network construction.



Forrestfield Airport Link

Client	Leonardo Australia
Location	Perth, WA
Market	Infrastructure – Transport
Capabilities	SCADA Infrastructure

Scope of Work

The \$1.86 billion Forrestfield Airport Link project involves the construction of 8.5km of new rail tracks and 8km of new tunnels. Datatel's scope includes the supply and installation of more than 60km of SCADA cabling infrastructure across 3 new stations, 12 cross passages, 2 dive portals and 3 egress shafts, as well as the termination and testing of more than 7,000 inputs and outputs.

Commercial



Eaton Fair Shopping Centre Mobile In-Building Coverage

Client	Kordia
Location	Eaton Fair Shopping Centre, Eaton, WA
Market	Commercial – Retail
Capabilities	Distributed Antenna Systems

Scope of Work

With an extremely tight deadline and working around extended shopping centre operating hours until midnight and from 6am, Datatel completed the installation of the new Optus 3G/4G/5G Distributed Antenna system at the Eaton Fair Shopping Centre. Datatel's work included installation of all new antennas and feeder cabling, cable pathways, new AC electrical distribution, new DC power system, and installation and integration of new Optus Nokia Base Station equipment.



Perth Children's Hospital

Client	Schneider
Location	Perth, WA
Market	Commercial – Hospital
Capabilities	Communications

Scope of Work

Datatel were engaged as a specialist communications contractor for the construction of the new Perth Children's Hospital. As part of these works Datatel installed more than 90km of fibre optic cable, terminated and commissioned over 8,000 fibre optic cores, and terminated and commissioned more than 230,000 Cat6A network outlets.



Baptistcare Residential Aged Care

Client	Badge Construction
Location	Rockingham, Albany, Margaret River and Busselton, WA
Market	Commercial – Aged Care
Capabilities	Electrical and Communications Construction

Scope of Work

Datatel were engaged to work simultaneously across four sites to complete a capital works upgrade project on active residential aged care facilities. The project consisted of switchboard upgrades, 350 room refurbishments and the installation of over 2,800 new lights. The works were completed in six months during which time all four properties remained fully populated with medium and high care residents.

Resources



BHP Nickelwest Communications Network Infrastructure

Client BHP Nickelwest
Location Leinster and Mt Keith, WA
Market: Resources – Mining
Capabilities Communications

Scope of Work

Datatel has provided the installation of base communications infrastructure to each of the existing camps, including over 40km of fibre installation, including civils, and the installation of 900 communications enclosures to facilitate future connectivity for fixed and wireless communications and security infrastructure.



BHP WAIO (Enterprise and Process) Network Upgrades

Client BHP Iron Ore
Location WAIO – various in Pilbara, WA
Market Resources – Mining
Capabilities Communications

Scope of Work

Datatel were engaged by BHP to replace the network switches at Whaleback, MAC, Spinifex, Eastern Ridge, Yandi and Jimblebar Enterprise and Process Networks. Datatel also completed minor remediation works whilst interacting with the existing communications racks.

Sustainability

As part of the SCEE Group, we at Datatel are committed to delivering sustainable and profitable growth of our business without compromising on our responsibilities to the environment, our people and the communities in which we operate.

Our approach to sustainability falls under the following broad categories:

Environment

We seek to promote best environmental practices within our areas of operation through our policies and procedures.

Highlights include:

- Environmental Management Systems accredited to ISO 14001
- Low carbon footprint throughout our operations
- Contributing to the decarbonisation of Australia through our delivery of renewables, recycling and energy efficiency projects

Health and Safety

We consider the wellbeing of our people to be of paramount importance and are committed to providing a workplace that achieves zero harm. Highlights include:

- Health and Safety Management Systems are accredited to ISO 45001
- 5 Star Commitment safety approach addressing the highest critical risk areas
- Regular injury prevention training

People and Community

We are committed to providing a safe workplace for our people and investing in their growth. We engage with the communities in which we operate seeking to create a positive legacy through maximising local employment opportunities. Highlights include:

- Dedicated Health and Wellbeing Advisor and access to an Employee Assistance Provider
- Regular training and development opportunities
- Diversity Policy encouraging and supporting diversity in our workforce
- Indigenous Employment Policy facilitating sustainable employment opportunities
- Human Rights Policy and Modern Slavery Statement

Corporate Governance

The SCEE Group has a Board-endorsed Corporate Governance Framework aimed at ensuring the business is managed effectively and ethically and that risks are appropriately identified, monitored and addressed. Highlights include:

- Experienced and appropriately structured Board and Committees
- Code of Conduct governing our dealings with stakeholders
- Anti-Bribery and Corruption and Whistleblower Policies

Our Industry Accreditations and Awards

Accreditations

ISO 45001:2018 OHS Certificate

ISO 9001:2015 QMS Certificate

IS14001:2015 EMS Certificate

Electrical contractors' licence EC6606

Registered Communications Distribution Designer 151244R

Security Agents Licence

Siemon Certified Installer

Molex Certified Installer

Commscope Certified Installer

AFL Certified Installer

National Electrical Contractors Association Member

BICSI South Pacific Member

Awards

2021 WA NECA State Winner – Data-Track (Innovation)

2016 BICSI South Pacific Winner – Wesfarmers Court (Design)

2015 BICSI South Pacific Winner – UWA Communications Network Upgrade (Installation)

2015 WA NECA State Winner – Capricorn Society Data Centre (Small Commercial)

2014 WA NECA State Winner – Curtin University Robinson Library Refurbishment (Medium Commercial)

2013 WA NECA State Winner – UWA M Block Refurbishment (Medium Commercial)

2013 WA NECA State Winner – Mt Lawley Primary School Fire Restoration (Voice/Data)

2011 Group Training Australia – Host Employer of the Year



DATATEL

ELECTRICAL & COMMUNICATIONS

www.datatel.com.au