Title:	IT Network Architect
Location:	Brisbane, Australia
Function:	Group IT
Details:	Permanent, Full-Time

EDL owns and operates a global portfolio of power stations in Australia, North America and Europe. Our vision is to be the leading global producer of sustainable distributed energy. At EDL, we are playing a key role in the world's transition from traditional energy sources to decarbonised solutions.

Reporting to the Group IT Manager, the IT Network Architect is responsible for providing technical leadership, including designing, building, monitoring, implementing solutions to manage, maintain, monitor, report and secure the use of EDL networks. The successful candidate must be willing to travel (domestic and international) and, due to the nature of the role, work outside of business hours as necessary.

Key Responsibilities
- Network design, architecture, configure, install, maintain, and upgrade network infrastructure across the EDL global group
- Technical subject matter expert in networks and networking infrastructure, services, including switching, routing, mobility, telephony, wireless, satellite and fixed lines
- Conceptualise long-term network needs, evaluates, research and advise on network technologies to utilise and those to avoid, performs analysis of devices and systems
- Produce technical designs for new and existing environments
- Develop, maintain, and publish network topology diagrams
- Ensure performance monitoring and optimization, and continuous improvement of relevant technologies
- Provide all levels of support for network services within the group
- Ensure that all relevant hardware is maintained at the firmware/patch levels required
- Priority one and outage response, planning and post incident reviews
- Lifecycle planning and execution for maintenance, patching, updates, upgrades across multiple systems/platforms
- Network utilization investigations and reporting
- Active ownership
  - Data network speed and user experience
  - Voice and call quality
  - Network system uptime
  - Security response and reporting
- Provide recommendations, manage, and design environments to meet service expectations for capacity growth, high availability, automatic failover, disaster recovery, role/load/time-based capacity management
- Responsible disaster recovery and continuity planning
- Contribute and manage EDL Site/DC rack configuration and UPS management
  - Deploy, manage, and maintain appropriate hardware/software to ensure compliance with company security practices
  - Creation and maintaining documentation including policies, procedures, standards, guidelines, detailed design, and as built documents
  - Hands on analysis and resolution of users and technical problems (BAU incidents and problems)
  - Always seeking continuous improvement opportunities and an automation mindset
  - Knowledge Sharing, documentation and staff mentoring

- Liaise with 3rd party Telco's
- Monitor network health and integrity

Qualifications and Experience
- 5-7 years' experience supporting a large multi-site (50+) enterprise Cisco based environment
- Cisco CCNA, CCNP. Qualifications
- Tertiary qualification in IT and/or extensive practical experience
- Strong understanding of security principle and best practice
- Proven experience with architecting, planning, migrations, implementations, administration, upgrades and troubleshooting of the following technologies/solutions in a multi-site commercial environment:
  - Cisco switches, routers, and wireless technology
  - Cisco Firepower and ASA's
  - Cisco Meraki
  - Palo Alto
  - Azure (Routing, ExpressRoute, NLB, NSG)
  - WAN, LAN, VLAN, WIFI, QOS, EIGRP, OSPF, BGP & MPLS
- Experience with global telecommunication providers
- Experience in security practices NIST, AESCSF
- Pro-active change management with customers ensuring minimal outages and impact to customer services
- Proven problem diagnosis / troubleshooting skills
- Ability to evaluate, develop and implement innovative technologies and processes
- Experience in IT Service Management platforms
- Exceptional communication skills
- Capability to develop documentation for technical and non-technical staff
- Demonstrated customer service skills, able to work cooperatively with IT and business users at all levels. Experience working with and managing external vendors
- Ability to take initiative, work autonomously and within a team
- Able to manage conflicting deliverables and priorities to achieve agreed deadlines

EDL is committed to creating a diverse and inclusive environment and is proud to be an equal opportunity employer.

To apply, please send your current resume and cover letter to hrvacancies@edlenergy.com, quoting reference VAC0322.

Applications close Friday, 27 May 2022.