



## Transpower selects Alcatel-Lucent to transform communications network for New Zealand's national electricity grid

Alcatel-Lucent (Paris: Euronext and NYSE: ALU) today announced that it has been selected by Transpower New Zealand to deliver, operate and maintain a new IP-based private communications network connecting 192 sites across New Zealand. Alcatel-Lucent will also manage the transition of Transpower's legacy communications systems to the new network.

Transpower owns and operates its high-voltage electricity transmission network – the National Grid – linking electricity generators to distribution companies and major industrial users. Alcatel-Lucent's network transformation solution will enable Transpower to migrate all of its critical communications systems to a single, reliable, future-proof IP/MPLS system SDH over a fibre and microwave radio network, delivering ongoing operational efficiencies.

As part of the proposed five-year contract, Alcatel-Lucent will be responsible for Transpower's overall life cycle management including project management, network design and integration, procurement, deployment, operations, and maintenance of the multivendor network.

"This communications network transformation is part of Transpower's continuing program of investment in its National Grid – investments that will ensure the increasing demand for electricity is met now and into the future," said Transpower Chief Executive Dr Ralph Craven.

"The challenge we faced in upgrading our communications network was how to bring together multiple legacy and future technologies onto a single platform that can be easily managed. Alcatel-Lucent has helped us meet that challenge with a highly reliable and achievable communications solution that will deliver operational savings and efficiencies into the future.

Michael Fabian, President of Alcatel-Lucent's Enterprise

and Government Services activities added, "We understand the mission-critical communications requirements of the power industry. The network has to be robust, reliable, and secure. Our carrier-grade IP Transformation solution, along with our extensive multivendor experience and strong local

presence in , will assure Transpower and their customers that they have a trusted partner to support this vital national infrastructure.&rdquo;

The transformed IP-based communications network will feature key components of Alcatel-Lucent's mission-critical utility solutions portfolio, including Voice over IP, Wireless LAN, digital microwave, and LAN switching. It will give Transpower access to advanced capabilities for voice, video and data applications, as well as providing scalable network architecture based on Alcatel-Lucent's service routing and optical networking portfolios including the 7710 SR, 5620 Service Aware manager and Optical Multi-Service Node systems, to accommodate future applications.

#### About Alcatel-Lucent-Lucent

Alcatel-Lucent-Lucent (Euronext Paris and NYSE: ALU) provides solutions that enable service providers, enterprises and governments worldwide, to deliver voice, data and video communication services to end-users. As a leader in fixed, mobile, and converged broadband networking, IP technologies, applications, and services, Alcatel-Lucent-Lucent offers the end-to-end solutions that enable compelling communications services for people at home, at work and on the move. With operations in more than 130 countries, Alcatel-Lucent-Lucent is a local partner with global reach. The company has the most experienced global services team in the industry, and one of the largest research, technology, and innovation organizations in the telecommunications industry. Alcatel-Lucent-Lucent achieved adjusted proforma revenues of Euro 18.3 billion in 2006 and is incorporated in , with executive offices located in

Paris

. [All figures exclude impact of activities transferred to Thales]. For more information, visit Alcatel-Lucent-Lucent on the Internet:

<http://www.Alcatel-Lucent-lucent.com>

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