



WATER	<p>1910: Consulting for Great Lake Scheme, TAS</p> <p>1910: Consulting to Waihi Goldmining on design of Hydro-electric Works, New Zealand</p>	<p>1963: Channel modulator production begins</p> <p>1963: Huge motors to pump water for Snowy Mountains Commission, NSW</p>	<p>1994: Water Maintenance, Melbourne, VIC</p> <p>2005: Strategic Alliance 'us' provide water and waste water services, Melbourne, VIC</p> <p>2006: Intelligent water meters local design, Melbourne, VIC</p>	
ENERGY	<p>1887: Siemens DC dynamo lighting used at Flour Mills in Sunshine, VIC</p> <p>1895: First Public hydro-electric power station, TAS</p> <p>1911: Consulting for Yallourn open cut and power station, VIC</p> <p>1921: Steam driven 72 kilowatt DC Dynamo installed, NZ</p>	<p>1963: Stage and Auditorium lights at Sydney Opera House, NSW</p> <p>1965: Power Plant automation, Nth QLD</p> <p>1978: Lights for first night World Cricket, VFL Park, VIC</p>	<p>1994: OSRAM launched</p> <p>2006: Basslink undersea interconnector links Tasmania to the National Electricity Grid, VIC & TAS</p> <p>2006: Turbomachinery Services for local refurbishment of gas turbines, SA</p>	
ENVIRONMENT	<p>1935: Undersea coaxial cable Apollo Bay, VIC to Stanley, TAS</p>	<p>1940: Voice frequency signalling across Australia</p> <p>1990: Undersea optical fibre cables, Spencer Gulf, SA</p> <p>1970: Biggest power station to date, Gladstone, QLD</p> <p>1972: Local design Pulse Measuring Set for telecommunications, VIC</p>	<p>1991: Radio system local design for solar power</p> <p>1993: World first screen based controls Stanwell in Power Station</p> <p>2006: Building Management System at new Sydney Hilton, NSW</p> <p>2007: Largest generator of its kind, Kogan Creek, QLD</p>	
HEALTHCARE	<p>1933: X-Ray sphere launched, Germany</p>	<p>1953: Healthcare equipment introduced, VIC</p> <p>1958: World first cardiac pacemaker, Sweden</p> <p>1965: World first real time ultra sound device, Germany</p>	<p>1995: World first filmless paediatric imaging, Westmead, NSW</p> <p>2004: Number one supplier of CT technology in New Zealand</p> <p>2005: First SOMATOM Sensation 64 CT deployed, Ballarat, VIC</p> <p>2006: World first dual source CT deployed, Sydney, NSW</p>	
PRODUCTIVITY	<p>1876: Time Ball system, Christchurch, New Zealand</p> <p>1916: 1000 line semi automatic exchange, Adelaide, SA</p> <p>1916: 3800 line telephone exchange, South Brisbane, QLD</p> <p>1927: Exchange becomes fully automatic, Port Adelaide, SA</p>	<p>1956: First Television transmission uses Siemens transmitter, VIC</p> <p>1960: Siemens office and workshop opens in Prahran, VIC</p> <p>1961: Long distance coaxial cable: Melb to Morwell</p> <p>1973: Colour TV transmitters, VIC</p>	<p>1995: World's longest Synchronous Digital Hierarchy (SDH) transmission, Brisbane to Perth</p> <p>2005: Mitsubishi Cockpit Assembly Plant opens, SA</p> <p>2005: Largest hearing aid contract in the world, Hearing Australia</p>	
MOBILITY	<p>1872: First Overland Telegraph Line, Darwin to Adelaide.</p> <p>1893: First Tramway in Southern Hemisphere, TAS</p> <p>1936: First undersea voice link, VIC to Tasmania world record distance</p>	<p>1968: World record 1200 mile coaxial link, Perth to Port Hedland, WA</p> <p>1981: Biggest PABX network to date, Sydney, NSW</p> <p>1988: First local design optical fibre route, Darwin to Adelaide</p> <p>1988: ISDN and Protocol Analyser Software with Telecom, VIC</p>	<p>1990: Small business telephone system launched (Hicom 100)</p> <p>2003: First Siemens train operates, Melbourne, VIC</p> <p>2005: First overhead electrification, Perth to Mandurah rail, WA</p> <p>2007: First order for local design new point operating system, QLD</p>	
SAFETY	<p>1880s: Overland Telegraph Line re-poled, Darwin to Adelaide</p> <p>1909: Two new undersea telegraph cables across Bass Strait, VIC to TAS</p> <p>1924: Traffic Lights, Germany</p> <p>1925: 40 Electric locos for mining, Yallourn and Morwell, VIC</p>	<p>1957: First low voltage switch gear, Morwell, VIC</p> <p>1978: Yallourn Open Cut plant control, VIC</p> <p>1988: Loy Yang power station commissioned to 2000 MW, VIC</p>	<p>1990: World first open software Energy Management System, VIC</p> <p>1993: Stanwell Power Station world first screen based controls, QLD</p> <p>2001: Acquisitions include Siemens Energy Services and Siemens VDO</p> <p>2003: Locating system for missing person search</p>	
SECURITY	<p>1863: Likely use of Morse code key, QLD</p>	<p>1978: PABX redesign for Army: Field Automatic Telephone System</p> <p>1978: World first liquid crystal displays in petrol pumps</p> <p>1984: Digital broadband radio, Sydney – Melbourne – Adelaide</p> <p>1984: First optical fibre route Melbourne to Ballarat, VIC</p>	<p>1989: Alarm system software for Telecommunications, VIC</p> <p>2004: Security / building management systems, Woodside Plaza, WA</p> <p>2005: Networked CCTV systems in Australian Airports</p> <p>2005: Automated checked bag screening systems Sydney Airport, NSW</p>	

1847 – 1939 INDUSTRIAL

1940 – 1989 POST WAR

1990 – 2007 MEGATRENDS

LOCATIONS	<p>1894: Official registration, South Melbourne, VIC 1956: Melbourne, VIC 1959: North Ryde, NSW 1960: Prahran, VIC 1963: Richmond, VIC 1963: Fortitude Valley, QLD 1970: Perth, WA 1973: Bayswater, VIC 1974: Perth, WA 1974: Wellington, New Zealand 1999: Opened Head Office Bayswater, VIC 1999: North Ryde, NSW 2001: Auckland, New Zealand 2007: Perth, WA</p>
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History of Siemens Australia and New Zealand

Innovation for generations.

