

ABB New Zealand Low Voltage Products Capabilities

Power and productivity
for a better world™



Control & circuit protection equipment for industry & building applications

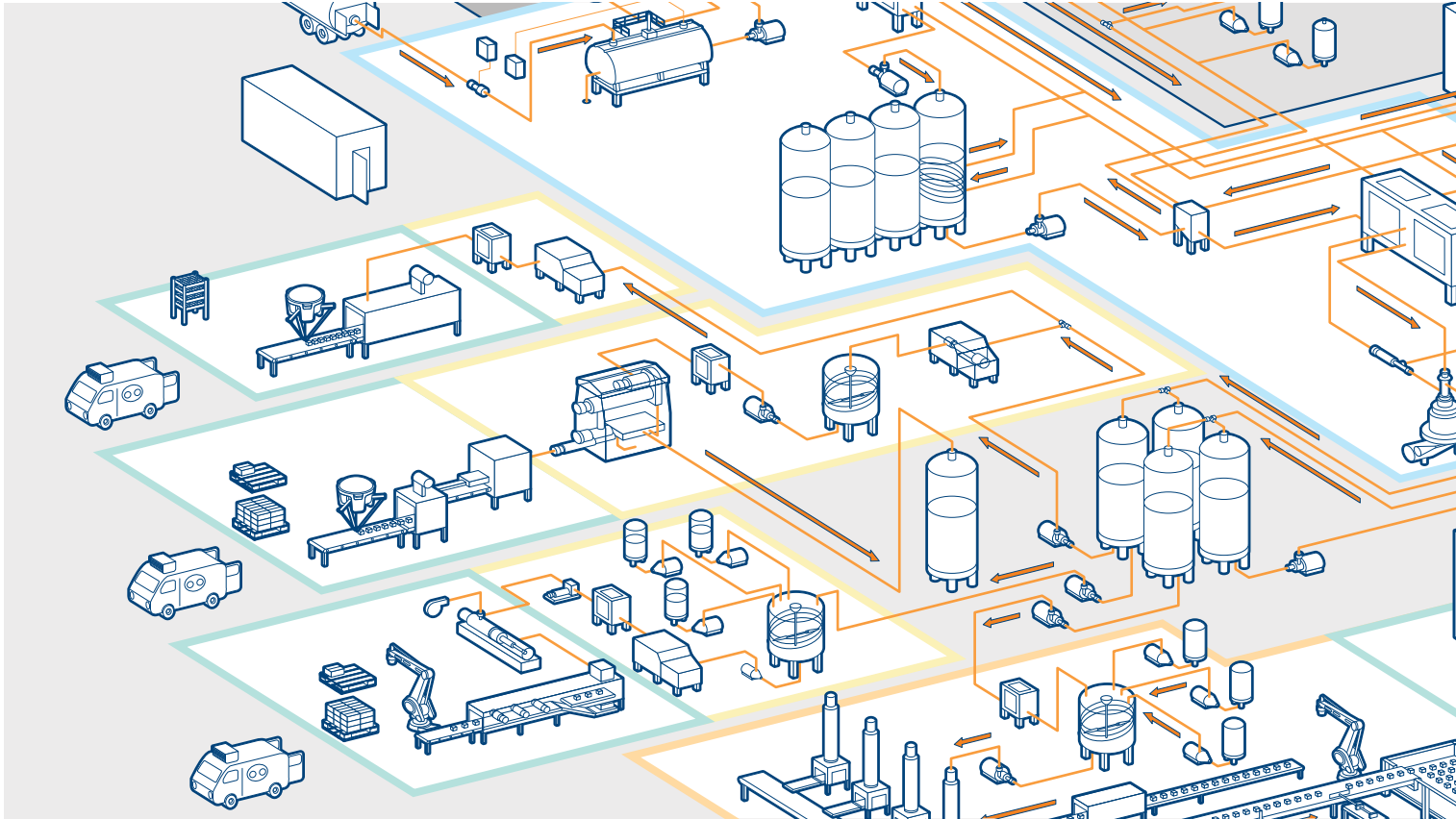


ABB manufactures and supplies a range of power distribution and motor control equipment to other equipment manufacturers (OEMs) and switchboard builders for commercial and industrial applications.

ABB's low voltage products are distributed through a network of electrical wholesalers throughout New Zealand, aimed principally at both domestic and commercial markets.

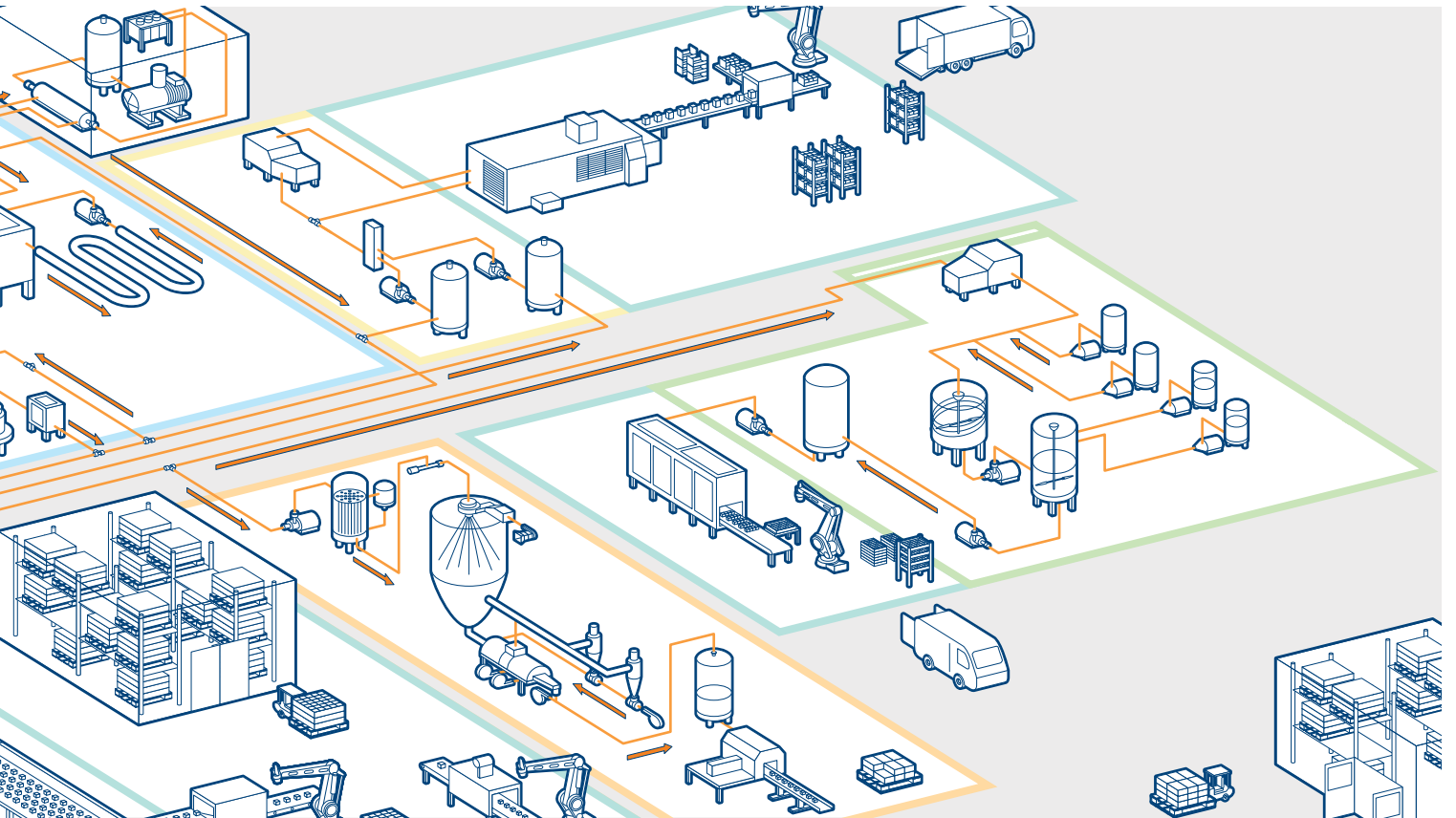
Key facts

- ABB's Low Voltage Products division employs 20,000 people worldwide
- 60 manufacturing sites in more than 35 countries
- Sales activities in over 100 countries
- 2,800 own sales people plus distributors
- Revenues: US\$4.6 billion 2010
- 150,000 products (catalogue numbers)
- More than one million products delivered per day
- Over US\$15 billion serviceable installed base

Product portfolio

Breakers & switches

- MCCBs (moulded case circuit breakers)
- SACE Tmax up to 3200A
- ACBs (air circuit breakers)
- SACE Emax
- Circuit breakers
- Switches & enclosed switches
- Fusegear & cable distribution cabinets



Control products

- Motor control equipment including contactors (AF range with electronic AC/DC coils from 9 to 1350a AC3)
- Overloads, plug-in relays & electronic relays
- Control products including pilot indicators, limit switches & wireless proximity
- Connection terminals (SNK terminal range)
- UMC22 intelligent motor control protection
- Softstarters (PSR / PSE / PST (B) ranges)
- Pilot devices (compact & modular ranges)
- Terminal blocks
- Arc flash protection (TVOC-2)
- Automation products
- Power factor correction capacitors & switches

Enclosures & DIN rail products

- MCBs (miniature circuit breakers)
- RCCBs (residual current circuit breakers)
- RCBOs (residual current breaker with overload)
- Installation products
- Enclosures
- Intelligent building automation
- Distribution boards
- Form 1 MCC (motor control centre) cabling systems
- High current distribution boards

Wiring accessories

- Industrial plugs & sockets
- Trunking

Jokab safety products

- Pluto safety PLC
- Vital supervision system
- Safety relays
- Modular fencing systems – Quick-Guard®
- Operator interfaces
- Light beams & barriers
- 360° laser proximity sensors
- Operator interface devices
- Door locks & sensors
- AS-I compatibility

After sales service

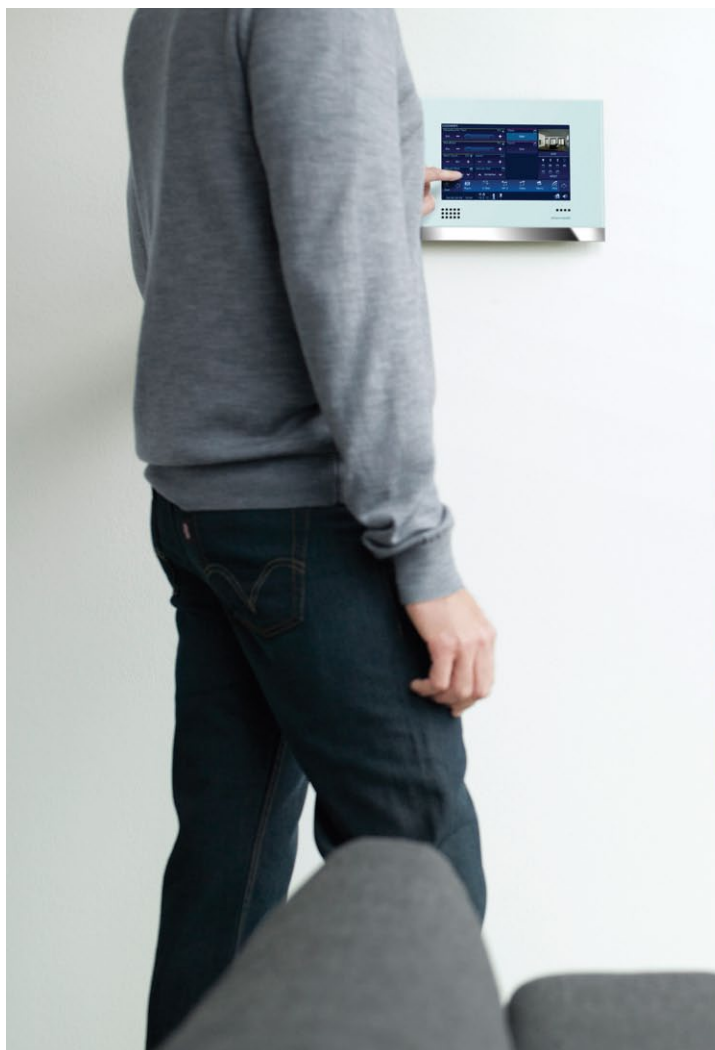
Energy efficiency in buildings

The KNX system is the leading intelligent control system for buildings worldwide. KNX has established a clearly defined system platform where the KNX products of different manufacturers can be operated with one another.

Applications include:

- Lighting control & regulation
- Climate control & ventilation
- Energy management
- Visualisation & operation
- Sun protection
- Shutter & blinds control
- Automation
- Security
- Energy & load management
- Communication
- Audio visual
- Access control
- Household appliances
- Movement detection

With ABB i-bus® KNX, energy savings of up to 40% can be achieved.



Smart home & intelligent building control with ABB i-bus® KNX

Accepted as the world's first open standard in building control, ABB i-bus® KNX allows for more creative freedom when designing the space due to the increased flexibility this intelligent installation system offers.

With the ABB i-bus® KNX system, the buildings we occupy are easier to manage and control, resulting in increased flexibility, security, economic efficiency and convenience. The operational flexibility of an ABB i-bus® KNX electrical installation allows the everyday working or living environment to be easily adapted to the individual's needs - now and in the future.

The KNX system is the leading intelligent control system for buildings worldwide. KNX has established a clearly defined system platform where the KNX products of different manufacturers can be operated with one another.

KNX is the logical development for implementing traditional and new requirements in electrical building installations and thus replacing conventional installation techniques. ABB offers a comprehensive product range with ABB i-bus® KNX.

Thousands of buildings, ranging from homes to airports around the world, are equipped with more than 10 million KNX products.

Photos: The Yas Marina Hotel, Abu Dhabi



Industries & utilities served

- Automotive
- Cement, minerals & mining
- Chemical
- Energy efficiency
- Life sciences
- Marine
- Metals
- OEM & panel builder
- Oil & gas
- Ports

- Power generation
- Power T&D
- Printing
- Process automation
- Pulp & paper
- Railway
- Solar power
- Water industry
- Wind power





ABB has been in the electrical energy business for 120 years. Our technologies are used along the entire energy value chain: in the extraction of resources and their transformation into electricity, liquefied natural gas or refined petroleum products, and in their efficient use in industry, transportation and buildings. We help our customers squeeze the most value from each unit of energy they use.

Contact us

ABB Limited

Low Voltage Products division
570 Mt Wellington Highway
Mt Wellington 1062
Private Bag 92609, Symonds Street
Auckland 1150
New Zealand
Phone: +64 9 966 4600
Fax: +64 9 966 4601
E-Mail: lvproducts@nz.abb.com
0800 GO 4 ABB (0800 464 222)
www.abb.co.nz/lowvoltage