



# SPX IN ASIA PACIFIC

**SPX**<sup>®</sup>  
WHERE IDEAS MEET INDUSTRY



## **Christopher J. Kearney**

Chairman, President &  
Chief Executive Officer  
SPX Corporation

SPX provides innovative solutions that create value for our customers and meet the growing worldwide demand for infrastructure, process solutions and diagnostic systems.

The Asia Pacific region is one of our key markets in which we plan to continue investing for company growth and customer services.

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## ABOUT SPX



Based in Charlotte, North Carolina, SPX Corporation (NYSE: SPW) is a Fortune 500 multi-industry manufacturing leader with approximately \$5 billion in annual revenue, operations in more than 35 countries and about 15,500 employees.

The company's highly-specialized engineered products and technologies serve customers in three primary strategic markets: infrastructure, process solutions and diagnostic systems. Many of SPX's innovative solutions are playing a role in helping to meet the rising global demand, particularly in emerging markets, for electricity, processed foods and beverages, and vehicle services.

The company's products include thermal heat transfer equipment for power plants; power transformers for utility companies; process equipment for the food and beverage industry; and diagnostic tools and equipment for the vehicle service industry.



SPX ranked top 100 on the "2010 China Multinational Corporation Contribution List", which recognizes SPX's outstanding contributions to China's economic, social and environmental development.



SPX was named to Corporate Responsibility Officer (CRO) magazine's 100 Best Corporate Citizens in 2008, an annual scorecard recognizing excellence in corporate responsibility efforts.

SPX ranked 5<sup>th</sup> in the industrial machinery category on the Fortune 500 list in 2011, which is the magazine's annual ranking of America's largest corporations by Fortune Magazine.

SPX ranked among the top 50 companies in the Barron's 500, the financial magazine's annual list of "America's Best Companies" for 2008 and 2009.

## OUR MISSION

SPX provides innovative solutions that create value for our customers and meet the growing worldwide demand for infrastructure, process solutions and diagnostic systems.

## OUR VISION

We see a future where our ideas help improve the world around us - a future where our ingenuity is known for solving problems in the industries we serve. SPX is committed to meeting the needs of a growing global community in a responsible manner.

## OUR CULTURE

We embrace a culture at SPX where diverse ideas produce innovative solutions. We are responsive to the needs of our customers, employees, partners and shareholders. We value continuous improvement and developing employees to enable growth and change. We recognize our community and environmental responsibilities.

## OUR VALUES

### ※ Lead with the highest standards of ethics and integrity

- Always do the right thing and keep commitments
- Engage others to build trust and encourage strong communication
- Listen and share as a team
- Question any perceived wrongdoing

### ※ Innovate with customers

- Anticipate customer needs and work to exceed their expectations
- Be enthusiastic and inquisitive: Ask "Why?" Ask "Why not?"
- Offer creative ideas and impactful solutions to our customers

### ※ Impact results through personal accountability to the team

- Make a positive difference at SPX
- Step up, meet challenges and adapt
- Deliver results

### ※ Value and engage employees

- Embrace the advantage of diversity
- Challenge each other
- Create SPX-wide standards as a team

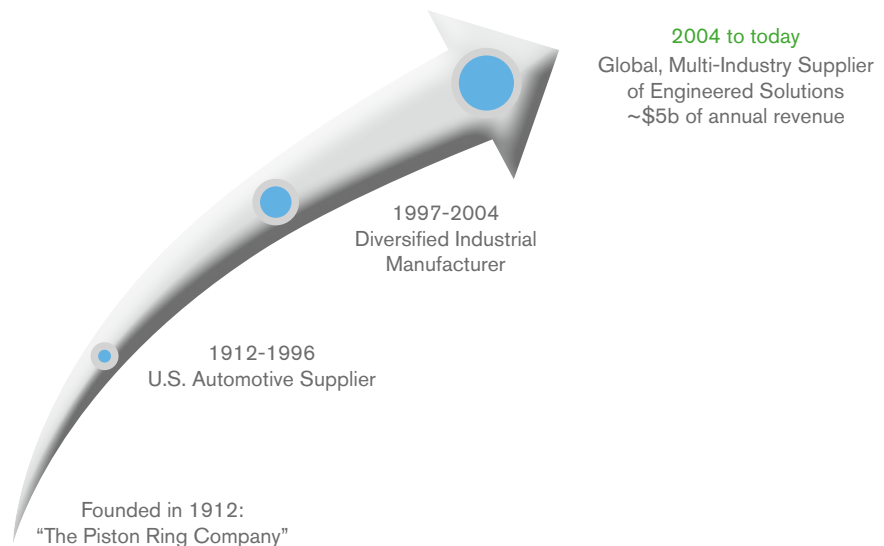
### ※ Learn, improve and celebrate

- Encourage improvement by recognizing achievement
- Develop your potential and the talent of others
- Balance your life, family and work

## GROWTH HISTORY

- ✘ The company was incorporated in Muskegon, Michigan in 1912 as the Piston Ring Company, focusing on manufacturing piston rings for leading engine builders.
- ✘ In 1931 the company changed its name to Sealed Power, reflecting sales growth and product line expansion through export and acquisition.
- ✘ More significant for the company's global presence was the opening of plants in Canada, Mexico and Europe.
- ✘ In 1972 the company began trading on the New York Stock Exchange under the symbol "SPW".
- ✘ In 1988 the company changed the name to SPX Corporation.
- ✘ In 1998 SPX acquired General Signal Corporation, which marked the beginning of the company's transformation from an automotive supplier to a multi-industry company.
- ✘ In May 2001 SPX acquired United Dominion Industries Limited, marking further diversification of SPX's product portfolio. The company relocated its headquarters from Muskegon, Michigan to Charlotte, North Carolina, U.S.A.
- ✘ Since 2004 SPX has been focusing on the strategic alignment of its businesses to the three strategic global platforms: infrastructure, process solutions and diagnostic systems. The company is now a global provider of multi-industrial engineered solutions with approximately \$5 billion of annual revenue.

## TRANSFORMATION OF SPX



## SIX OPERATING INITIATIVES STRONG ENGINE OF INNOVATION



- ✧ Six operating initiatives focusing on growth and continuous improvement are the strong engine of innovation.
- ✧ Approximately 25% of our revenue comes from emerging markets.
- ✧ The operating performance continuously improves through implementing Lean and focusing on global supply chain management.
- ✧ Given our engineering expertise, our businesses have a long history of success in incremental product development.
- ✧ A centralized innovation council focusing on identifying new markets and developing new ideas takes our product development to a new level.



## FOCUS ON STRATEGIC GLOBAL PLATFORMS



### PROCESS SOLUTIONS

SPX serves the global food and beverage, power and energy, and other markets with engineered process solutions for diverse flow processes. Our product mix includes pumps, valves, heat exchangers, mixers, homogenizers and dehydration equipment. Demand for SPX process equipment is being driven by many factors, including enhanced hygienic standards, increased regulatory requirements and a desire for process optimization, energy efficiency, waste reduction and production of high-quality products.



### DIAGNOSTIC SYSTEMS

SPX globally engineers and manufactures a portfolio of technologically advanced test and measurement products across the transportation, telecommunications and utility industries. Our technology supports the introduction of new systems, expanded services and sophisticated testing and validation. Products include special diagnostic service tools, fare collection systems and portable cable and pipe locators. SPX is also a primary global provider of diagnostic service tools for motor vehicle manufacturers' dealership networks.

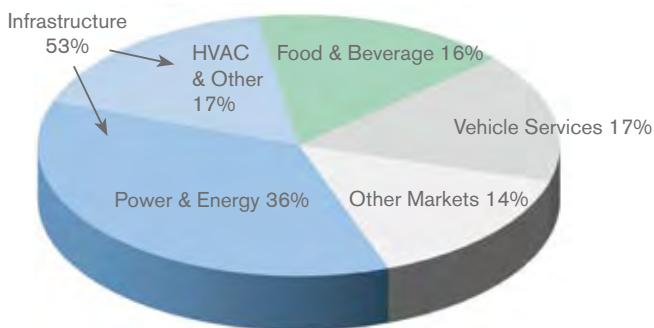
### INFRASTRUCTURE

SPX serves the global power and energy markets with innovative technologies and products used in the construction of new, more efficient power plants, and the renovation of older, existing facilities. We provide a wide range of components for coal-fired, combined cycle, nuclear, solar thermal and geothermal power plants, including rotary and stationary heat exchangers and air pollution control systems. Our evaporative and dry cooling solutions are used by thousands of power stations in more than 60 countries across six continents.



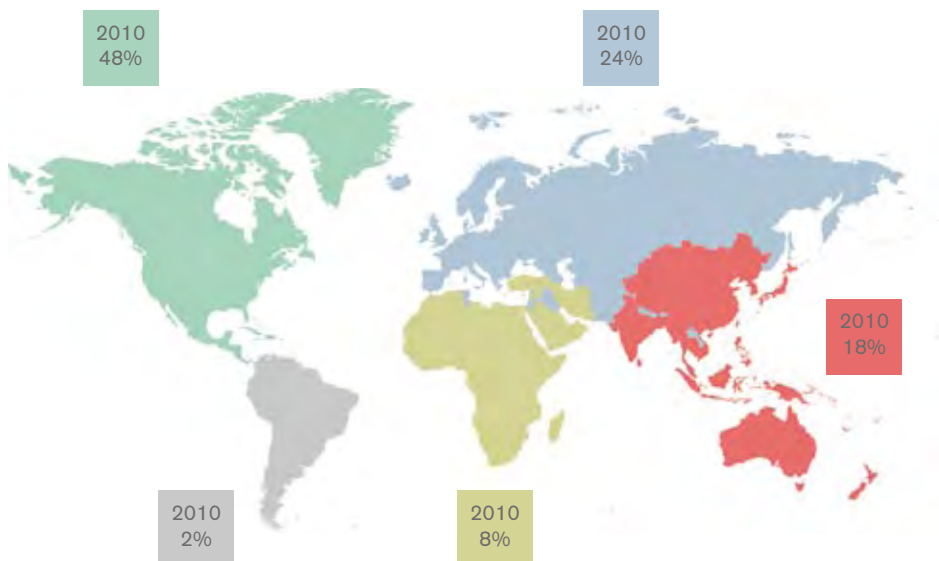
## FINANCIALS

### 2010 REVENUE BY END MARKET



- ⌘ Approximately \$5 billion of total revenue in 2010
- ⌘ Growing world population and emerging middle class directly impact the needs for more energy, food and transportation

### 2010 REVENUE BY REGION



- ⌘ Globalization - a key initiative for SPX
- ⌘ More than 50% of our revenue from outside of North America
- ⌘ Approximately 25% of our revenue from emerging markets

**OUR BRAND**

**SPX**®

**WHERE IDEAS MEET INDUSTRY**

**QUALITY, PRECISION, INNOVATION**

As a global brand, we focus on delivering value to our customers through a broad range of diverse engineered solutions. Our products provide professional technologies and solutions to serve global markets.

SPX works collaboratively - across business segments, business units, departments and disciplines - to enable the delivery of greater efficiencies and better ideas to meet our customer's needs, today and tomorrow.



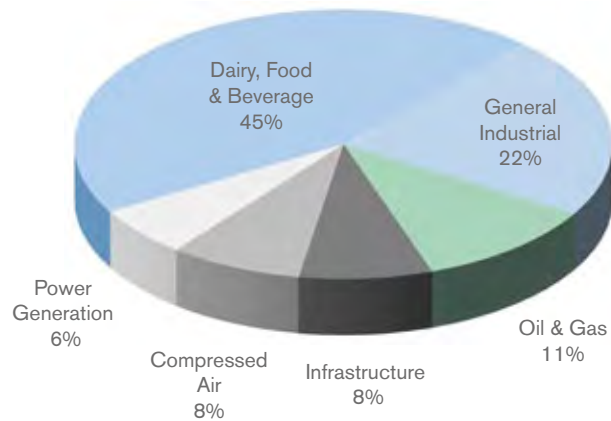


## FOUR BUSINESS SEGMENTS

### FLOW TECHNOLOGY

- ※ SPX's Flow Technology segment designs, manufactures and markets engineered solutions and products used to process, blend, meter and transport fluids in addition to air and gas filtration and dehydration. Recognized for its leading products and turnkey systems capability, the Flow Technology segment has global operations which serve the food and beverage, power and energy, and industrial markets.
- ※ Flow Technology segment contributed about \$1.7 billion, or nearly 34% of SPX's total revenue in 2010. An estimated 26% of Flow's revenue was from sales into the Asia Pacific region.

### 2010 REVENUE BY END MARKET



KEY PRODUCT LINES



Pumps



Valves



Plate Heat Exchangers



Mixers



Dryers and Filters



Homogenizers



Ultra High Temperature Infusion Systems



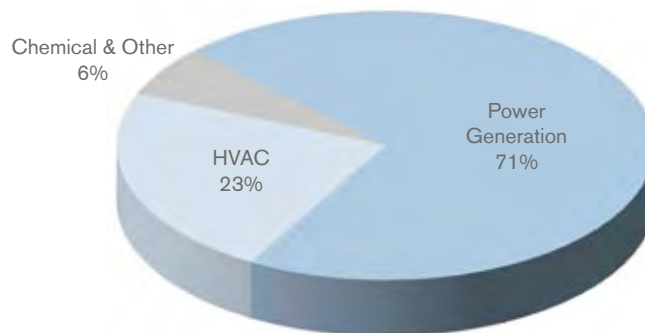
Skidded Systems and Full Line Systems

## FOUR BUSINESS SEGMENTS

### THERMAL EQUIPMENT & SERVICES

- ※ SPX's Thermal Equipment and Services segment is a leading provider of cooling towers, heat exchangers and emission control systems utilized by thousands of power stations and plants in more than 60 countries across six continents. The segment's broad technologies enable the maintaining, refurbishing, upgrading and modernizing of nearly all types of power stations, and include a wide range of aftermarket services and solutions.
- ※ Thermal Equipment and Services segment contributed about \$1.6 billion, or nearly 33% of SPX's total revenue in 2010. An estimated 16% of Thermal's revenue was from sales into the Asia Pacific markets.

### 2010 REVENUE BY END MARKET



SPX COOLING TECHNOLOGIES



F400 Cooling Tower



NC Cooling Tower



Air Cooled Condenser

SPX Cooling Technologies is a global manufacturer of full-line cooling towers and air-cooled condensers, serving customers in the power generation, industrial, refrigeration and comfort cooling (HVAC) markets for more than 100 years.

BALCKE-DÜRR



Air and Flue Gas Path



Water Steam Cycle



Air Pollution Control Systems

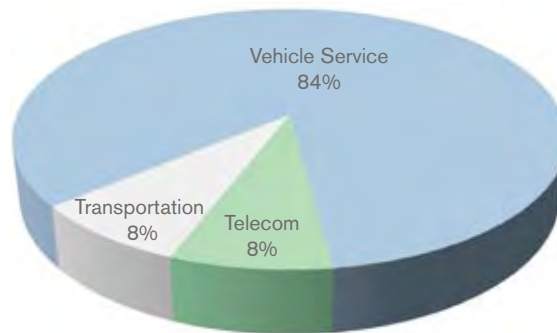
Balcke-Dürr offers a wide range of products and services, including rotary heat exchangers (air preheaters and gas-gas heaters), stationary heat exchangers (moisture separator reheaters, high pressure and low pressure feedwater heaters, condensers, deaerators and solar steam generators), air pollution control systems (electrostatic precipitators and baghouses), as well as refurbishment and upgrade. These offerings are capable of meeting the needs of coal-fired power plants, combined cycle power plants, nuclear power plants, solar thermal power plants, geothermal power plants and waste-to-energy incineration plants.

## FOUR BUSINESS SEGMENTS

### TEST & MEASUREMENT

- ※ SPX's Test and Measurement segment is an innovative global supplier of quality products and solutions to a wide range of markets, including vehicle repair, public transportation and public infrastructure. For almost a century, the Test and Measurement segment has developed vehicle repair solutions, including diagnostic products, special service tools, technical information, solutions for public transportation fare collection, and equipment to maintain underground networking and power cabling to customers in more than 15 countries.
- ※ Test and Measurement segment contributed close to \$1 billion, or nearly 19% of SPX's total revenue in 2010. An estimated 9% of Test and Measurement segment's revenue was from sales into the Asia Pacific region.

### 2010 REVENUE BY END MARKET



SPX SERVICE SOLUTIONS



Refrigerant Work Station



Special Service Tools



Electric Vehicle Wall-mount Charger



PCMAX and NetBook



Auto Scanner

SPX Service Solutions provides a wide range of products and services including brand-specific special tools, diagnostic equipment and integrated services, technical and training information for original equipment manufacturers (OEMs), dealership networks and aftermarket suppliers.

GFI GENFARE



Fare Collection System

GFI Genfare designs, manufactures, installs and maintains modern, secure and highly reliable fare collection systems. Products include electronic validating and registering bus fareboxes, magnetic and smart card processing systems, self-service and agent-operated ticket vending machines, revenue collection and transfer equipment, and advanced data collection and reporting systems.

RADIODETECTION



Utility Pipe and Cable Locator

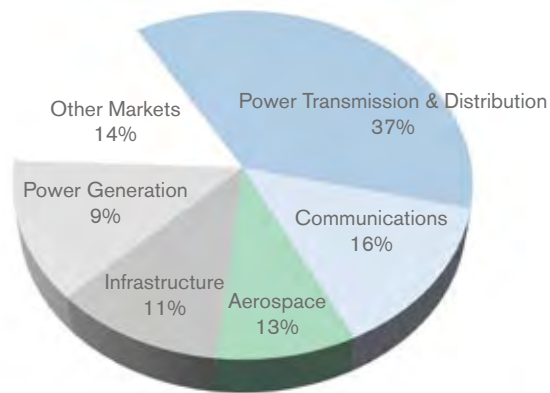
Radiodetection is a world leader in the design and development of equipment for location, identification and maintenance of buried pipes and cables. Its product portfolio includes electronic testing, monitoring and inspection equipment for locating and identifying metallic sheathed fiber optic cable, horizontal boring guiding systems, inspection cameras and test sets.

## FOUR BUSINESS SEGMENTS

### INDUSTRIAL PRODUCTS & SERVICES

- ✂ SPX's Industrial Products and Services segment offers a broad range of highly technical products and services to support the growing global infrastructure needs. These include power transformers, industrial and laboratory ovens, railway crossing barrier and track switching equipment, hydraulic and pneumatic power tools, silicon crystal growing furnaces for solar panel production, antennas for the broadcast and wireless telecommunications industries, aviation obstruction lighting products, asset monitoring equipment and management, and precision-machined parts for military and commercial aircraft.
- ✂ Industrial Products and Services segment contributed about \$700 million, or nearly 14% of SPX's total revenue in 2010. An estimated 13% of this segment's revenue was from sales into the Asia Pacific region.

### 2010 REVENUE BY END MARKET



WAUKESHA  
ELECTRIC SYSTEMS



Waukesha Electric Systems is one of the largest U.S. manufacturers of power transformers, providing complete transformer service solutions, reverse-engineered components and replacement parts, as well as substation-applicable training services.

SPX HYDRAULIC  
TECHNOLOGIES



SPX Hydraulic Technologies is a global leader with close to 90 years' experience in providing high-performance professional grade hydraulic and pneumatic products and systems, including cylinders, pumps, torque wrenches, pullers, presses and wide range of jacks. These products widely serve customers in construction, bridge equipment manufacturing, rail systems, power stations, wind farms, shipbuilding, repairing, mining, steel mills and many other industries requiring maintenance tools around the world.

TCI



TCI is a leading supplier of COMINT, ISR and DF solutions for military, national security and intelligence agencies, as well as ITU-compliant RF spectrum monitoring and management solutions for civilian spectrum regulatory agencies. TCI maintains a complete in-house hardware and software engineering capability for the development of end-to-end RF signal processing solutions.

SPX PRECISION  
COMPONENTS



SPX Precision Components supplies close-tolerance machined parts for military and commercial aircraft. Known for its engineering expertise and custom-design capabilities, it is also a leading producer of custom-designed equipment for the metal forming industry.

SPX  
COMMUNICATION  
TECHNOLOGY



SPX Communication Technology is a global leader in antenna technology and passive RF systems. It designs and manufactures complete broadcast systems from the transmitter output to the tower top, including antennas, transmission lines, filters, combiners, switches and patch panels. The business also supplies the latest mobile media products and services for PCS and microwave markets.

FLASH TECHNOLOGY



Flash Technology is a leader in aviation and industrial obstruction lighting and a major supplier of remote monitoring solutions to help protect critical assets.

THERMAL PRODUCT  
SOLUTIONS



Thermal Product Solutions develops and manufactures custom-designed environmental chambers, ovens and thermal products for testing, validating or storing customer samples under a variety of climatic conditions for better knowledge of the material or equipment performance.

KAYEX



Kayex is a leading manufacturer of silicon crystal growing furnaces for the global semiconductor and photovoltaic industries. Kayex has decades of experience in providing customers with expertise and strong technical support for hot zone design and Czochralski (CZ) process optimization.

where opportunity meets growth  
where development meets responsibility

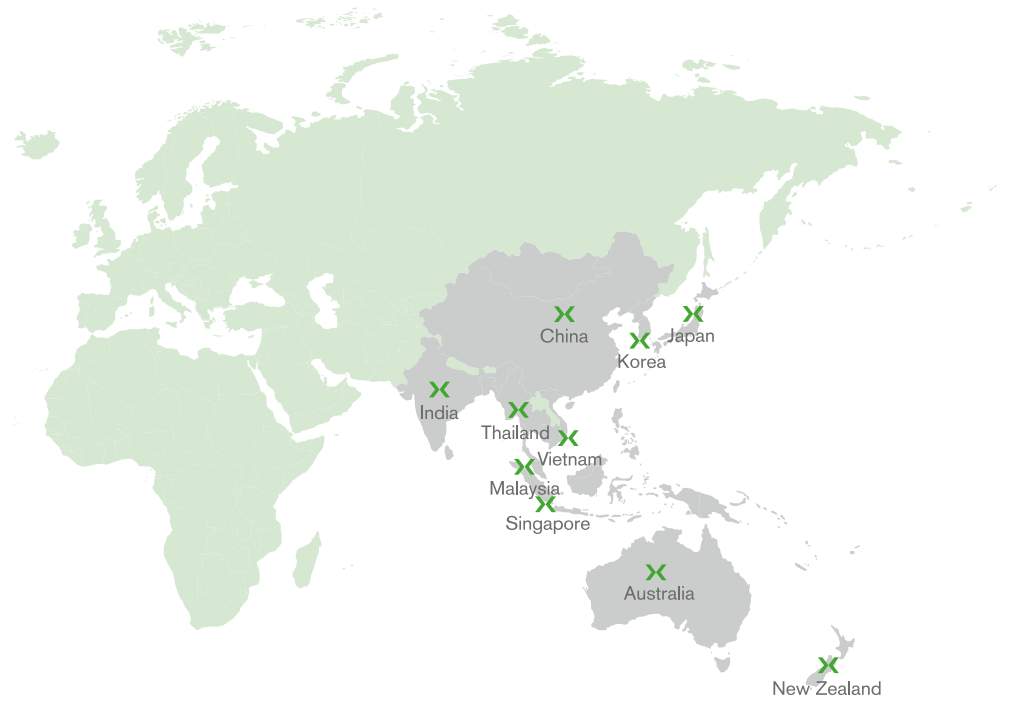
# **WHERE IDEAS MEET INDUSTRY**



SPX



## SPX ASIA PACIFIC OVERVIEW



SPX Asia Pacific headquarters opened in January 2007 in Shanghai, China, marking the completion of the company's strategic regional integration. It is now the R&D, service and training center for the Asia Pacific region and employs more than 3,500 people in 10 countries, including China, Singapore, Malaysia, South Korea, Japan, Australia, New Zealand, India, Thailand and Vietnam.



## CORPORATE SOCIAL RESPONSIBILITY

Through company-wide initiatives and individual efforts of our employees, SPX is working to serve the communities in which we live and work.



In November 2010 SPX China team donated 37 space heating products, valued at over \$14,000 to three non-profit organizations in the local community, ensuring warm facilities for elderly people and disabled children in winter. SPX has been providing financial support to this local community since 2007.

In October 2009 SPX Flow Technology Singapore team launched a "matching dollar-by-dollar" program to raise funds for the relief efforts after the flooding disaster in the Philippines and the earthquake in Indonesia. SPX matched employee donations dollar by dollar.



In 2009 SPX started a collaboration project with Fudan University, one of the most well-known universities in China, as one of its Internship Base Corporate Partners to the Business Management school. This project provides a platform for students to practice professional skills and gain experience in a real business environment.



In May 2008 after the Wenchuan earthquake devastated vast lands in China, SPX immediately donated various manual hydraulic tools, valued at about \$17,500, along with a technical team to teach the rescue team how to use the tools for saving lives from the debris. At all SPX facilities in China employees donated money and medical supply to the catastrophe-stricken areas. Total employee donations of \$220,000 and corporate funding of \$50,000, together with medicine valued at \$735,000 were delivered to the Red Cross and the Civil Service Administration Bureau.



SPX China has sponsored the Shanghai Sunrise program since 2004, meeting the education needs of underprivileged students in Shanghai. SPX colleagues not only provide monetary support, but also coach the students for their growth. Some of the students SPX is sponsoring have completed high school and are now in colleges for advanced education.

## PROJECT REFERENCES IN ASIA PACIFIC POWER AND ENERGY

In 2008 SPX provided two Balcke-Dürr branded large-size electrostatic precipitators (ESP) for two 880MW supercritical power generators to Korea South-East Power Co. Ltd.

In 2009 SPX installed a large gas-gas heater (GGH) for a 1000MW unit in Jinghai Power Plant in China. In total SPX has provided 53 GGHs for the China power industry.

In March 2009 SPX was awarded the first contract in China to design and manufacture an indirect dry cooling tower (known as IDCT) for the 2 X 660MW Qinling Power Plant.

In July 2009 SPX was contracted to deliver an air-cooled condenser system to Yuanyanghu Power Plant, the 50<sup>th</sup> direct dry cooling project awarded to SPX in China, marking a new milestone of the company in supporting the power industry development in the country.

In 2009 SPX provided five APV branded plate heat exchangers to one of the largest fertilizer producers in Taiwan for its plant expansion program, applying the advanced sea water cooling technology for the heat exchange.

In 2009 SPX was contracted to provide 20 APV branded plate heat exchangers and skidded systems for Xinjiang Shihezi combined-cycle power plant in China. Previously in 2008 SPX had successfully provided this same customer with 10 heat exchange units and 34 plate heat exchangers.

### RELATED SPX BUSINESSES

SPX Cooling Technologies  
Balcke-Dürr  
SPX Flow Technology  
Radiodetection  
Flash Technologies  
Thermal Product Solutions  
SPX Hydraulic Technologies  
Kayex

In 2009 SPX contracted with Westinghouse Electric company to provide Copes-Vulcan branded highly specialized squib valves to the new AP1000 nuclear power projects in Haiyang and Sanmen in China.

In 2010 SPX was awarded a contract to supply 20 custom-engineered feedwater heaters to BAHR project (Phase II) in India.

In 2010 SPX delivered two natural draft evaporative cooling systems to Matou Power Plant in China with the adoption of thin-wall reinforced concrete structure for the towers.



In 2010 SPX won bids to provide 12 plate heat exchangers for oil coolers for Dongfang Turbine company's nuclear power projects in Taishan, Fangjiashan and Fuqing in China.

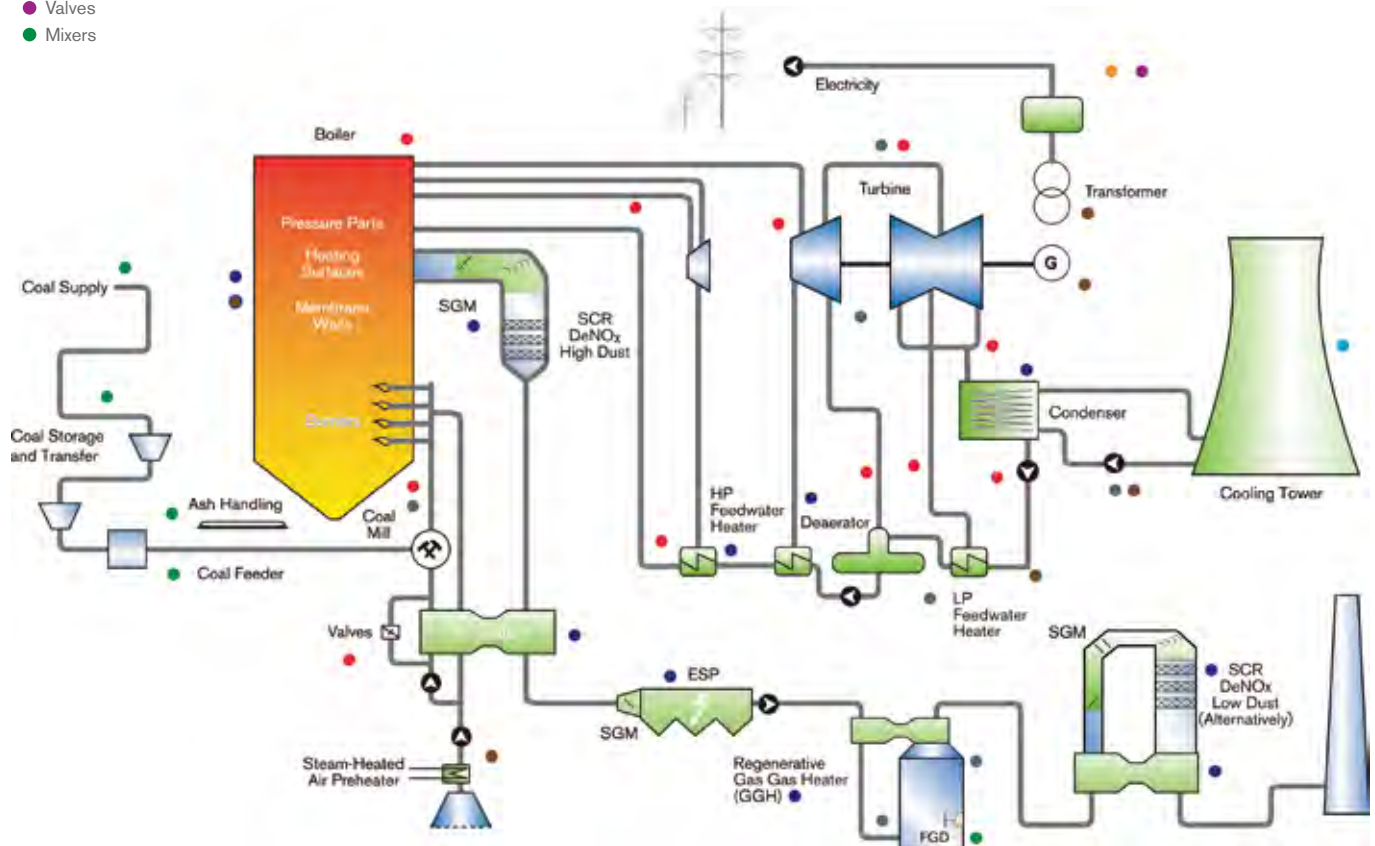
In 2010 SPX was awarded a contract in Korea to design, manufacture and supervise the construction and commissioning of two new air-cooled condensing systems for the Riyadh Power Plant 11 in Saudi Arabia.

PROVIDING CRITICAL SOLUTIONS TO THE POWER INDUSTRY

A TYPICAL COAL-FIRED POWER PLANT

- Cooling Technologies
- Hydraulic Technologies
- Transformers
- Heat Transfer Technologies
- Plate Heat Exchangers
- Dryers and Filters
- Valves
- Mixers

- SGM - Static Gas Mixer
- ESP - Electrostatic Precipitator
- SCR - Selective Catalytic Reduction
- FGD - Flue Gas Desulphurisation
- GGH - Gas Gas Heater



## PROJECT REFERENCES IN ASIA PACIFIC FOOD AND BEVERAGE

In 2007 SPX was awarded a turn-key project by Nihon Canpack (Malaysia) company to help Malaysia's biggest ready-to-drink coffee provider to design, build and commission a new beverage plant.

In 2009 SPX was awarded two turn-key projects to provide engineering design, installation, commissioning and operator training services for two beverage plants under the Jiaduobao Group, a leading canned beverage manufacturer in China.

In late 2009 SPX won a contract to provide a full line of dairy research equipment and training services for Yili Group's new Innovation Center. The Yili Innovation Center is now equipped with APV branded ultra high temperature infusion system, cheese-production system, liquid milk system, yogurt system, ice-cream system and milk powder system.

In August 2010 SPX was contracted to build a complete pretreatment soymilk production line for Hong Kong Vitasoy Company. It is the first time that SPX designed and installed two horizontal aseptic tanks for such beverage application.

In 2010 SPX provided two ultra high temperature infusion systems for Meiji in Japan for producing liquidated food for hospital.

In 2010 SPX supplied a complete beer filtration plant to Coopers Brewery, a major family owned Australian brewer.

### RELATED SPX BUSINESSES

SPX Flow Technology

In 2010 SPX was awarded a contract to provide an automatic nutrient solution for NUTRICIA China, applying the advanced instant Flex-Mix vacuum mixing technology.

In 2010 SPX was awarded a contract by Stoelting company to supply four high capacity (1.8 tonne per hour) cheese block former systems to Open Country Dairy in New Zealand.



## PROJECT REFERENCES IN ASIA PACIFIC VEHICLE AND TRANSIT

In 2010 SPX began comprehensive collaboration with Chery and Geely, two well-known automotive manufacturers in China, to develop diagnostic systems and provide special service tools and technical training.

In October 2010 SPX was authorized by Jaguar and Land Rover (JLR) to supply repair and maintenance equipment for all its dealership networks and training centers in China.

In 2010 SPX signed a global special service tool contract in Japan to provide battery testers and pallet stackers for Nissan's electric vehicles.

In 2010 SPX was awarded a contract in Korea to provide technical information and services to GM Daewoo Automotive Technology.

In 2010 SPX was appointed as Toyota Australia's Safety Campaign Program Manager to deliver two full turnkey safety campaigns.

In 2010 SPX was awarded a three year exclusive contract in Australia with Ford Asia Pacific and Africa to supply essential special service tools and technical information and services to 11 markets in the Asia Pacific region.

By May 2010 SPX had signed collaboration agreements with 30 China vocational schools to introduce advanced automotive repair equipment and provide professional skills training to the students.

In 2010 SPX was appointed by the Ministry of Transportation of China to draft two automotive industrial standards related to automotive air-conditioning, namely Refrigerant Recovery, Recycling and Recharge Processing Codes and Refrigeration Work Station Quality Codes.

### RELATED SPX BUSINESSES

SPX Service Solutions

GFI Genfare



## PROJECT REFERENCES IN ASIA PACIFIC INFRASTRUCTURE

SPX's package cooling towers have provided cool and comfortable environment for over 600,000m<sup>2</sup> of new stadiums in China, including Beijing National Indoor Stadium, Tianjin Olympic Center Stadium and Qingdao Olympic Sailing Center.

In April 2010 SPX completed the installation and commissioning of 75 cooling towers to support the 2010 Shanghai World EXPO.

From 2007 to 2010 SPX was awarded with metro line projects to provide cooling tower systems for underground metro stations. These projects include stations along Shanghai Metro Line 4, 6, 7, 8, 9, 11, Beijing Metro Line 4, Guangzhou Metro Line 5 and Nanjing Metro Line 2.

In 2010 SPX was awarded a contract by SULB company to supply two JEMACO branded blower purge compressed air dryer for its heavy section mill project in Middle East.

In 2010 SPX provided 48 units of ground probing radar to the Environmental Protection Bureau of Jilin Province in China to help inspect underground sewage conduits.

In 2010 SPX supplied eight units of POWERTEAM branded 500-ton hydraulic cylinder for China's Beijing-Shanghai Express Railway project to ensure accurate positioning of rail tracks.

In 2010 SPX provided integrated hydraulic systems in Thailand for the Red Line Mass Rapid Transit project. The hydraulic systems, including high tonnage construction locking collar cylinders, pancake cylinders and power packs, were used for the construction of elevated concrete railway bridges.

In 2010 SPX provided Andritz Hydro in India with synchronous load control hydraulic systems, which serve to compress springs with even load distribution during the hydropower turbine production process.

### RELATED SPX BUSINESSES

SPX Flow Technology

SPX Cooling Technologies

SPX Hydraulic Technologies

Radiodetection



## PROJECT REFERENCES IN ASIA PACIFIC INDUSTRIAL PROCESSES

In 2009 SPX supplied 13 gas filtration equipment, 28 liquid filtration equipment and three carbon bed filters for the Gorgon LNG project in Australia.

In 2009 SPX provided Dushanzi Petrochemical Cooperation with 24 plate heat exchangers to support the one million ton/day output ethylene project in China.

In 2010 SPX was awarded with TAKREER Ruwais refinery plant expansion project in United Arab Emirates to supply four JEMACO branded compressed air dryers and 25 sets of APV branded plate heat exchangers.

In 2010 SPX was awarded a contract in Australia to supply 18 Lightnin branded mixers to Chatree for a mining project in Thailand.

In 2010 SPX supplied a Lightnin branded mixer for Henan Longyu ethylic acid project in China.

In 2010 SPX provided three Plenty branded industrial pumps for lubricating oil processing for Shell company's reconstruction project in Hong Kong.

In 2010 SPX was awarded a contract in Singapore to supply 28 Copes-Vulcan branded valves to Chang Chung Petrochemical Corporation for their acetic acid and carbon dioxide project in Taiwan. The super low emission rate of 0.62ppm of the valves exceeded the client's request of 100ppm.

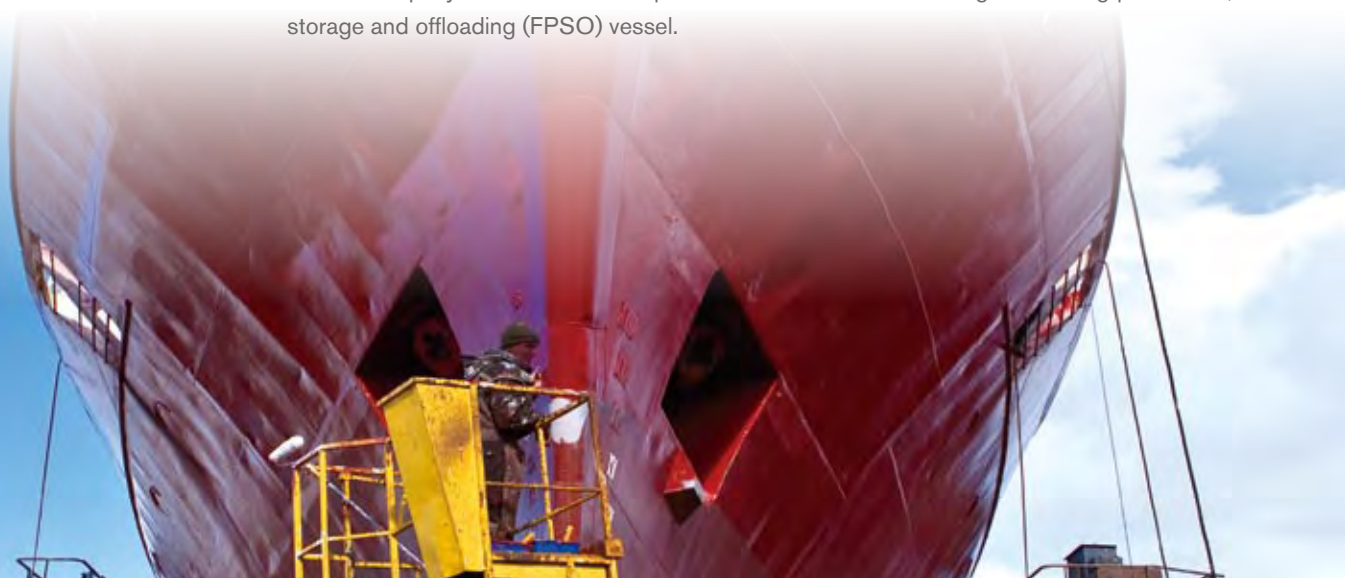
### RELATED SPX BUSINESSES

SPX Flow Technology

SPX Hydraulic Technologies

In March 2011 SPX was awarded a contract by Samsung Heavy Industries to provide seven APV branded plate heat exchangers and one set of fresh water generator for an 8000TEU container ship-building project in Korea. SPX now became a registered vendor to Samsung Heavy Industries, one of the major engineering procurement and construction companies in Korea.

In March 2011 SPX was awarded a contract to supply eight APV branded plate heat exchangers for the CLOV project offshore of Angola. This oil field project is owned by the French company TOTAL and SPX's products will be used in building the floating production, storage and offloading (FPSO) vessel.



## SPX IN CHINA

### GROWTH HISTORY IN CHINA

SPX has close to 3000 employees in China and our sales footprint covers almost all provinces in the country.

General Signal (China) Company Limited was founded in 1994 and later merged into SPX in 1998. The company supplies a wide array of process equipment to power and energy, oil and gas, and petrochemical industries in China.

SPX Cooling Technologies (Zhangjiakou) Company Limited was established in 1995. It joined the SPX family through acquisition in 2001. The Zhangjiakou plant specializes in the manufacturing of heat exchange bundles for dry cooling systems.



SPX Cooling Technologies  
(Zhangjiakou) Co., Ltd.

#### Certification:

- \* ISO9001:2008
- \* ISO14001:2004
- \* OHSAS18001:2007
- \* ASME U Stamp, S Stamp
- \* NB, AD

#### Key Product Lines:

- \* Air cooled condenser bundles
- \* Pressure vessels

Guangzhou Marley Cooling Tower Company Limited, founded in 1996, was renamed to SPX (Guangzhou) Cooling Technologies Company Limited in 2007, and opened its Suzhou branch in 2009. The company provides evaporative cooling equipment for industrial facilities and commercial buildings.



Suzhou Branch of SPX (Guangzhou)  
Cooling Technologies Co., Ltd.

#### Certification:

- \* ISO9001:2008

#### Key Product Lines:

- \* Evaporative cooling towers

Established in 1997, Hangzhou Kayex Zheda Electromechanical Company Limited supplies crystal growers to semiconductor and photovoltaic manufacturers in China.



Hangzhou Kayex Zheda  
Electromechanical Co., Ltd.

#### Key Product Lines:

- \* Crystal growers

SPX Transportation and Industrial Solutions (Suzhou) Company Limited was opened in 2002, aiming to accelerate the business growth of automotive services and solutions in the China market.



SPX Transportation and Industrial Solutions (Suzhou) Co., Ltd.

**Certification:**

- \* ISO9001:2008

**Key Product Lines:**

*Automotive related*

- \* Special service tools
- \* Diagnostic tools and equipment
- \* Meters, gauges, wheel aligners
- \* Refrigerant work station

*Hydraulic related*

- \* Manually-operated hydraulic pumps
- \* Pneumatic pumps
- \* Cylinders
- \* AC and DC power units

With the establishment of SPX Cooling Technologies (Tianjin) Company Limited in 2003, SPX dry cooling business expanded its production capacity in China to better serve the local market.



SPX Cooling Technologies (Tianjin) Co., Ltd.

**Certification:**

- \* ISO9001:2008
- \* ISO14001:2004
- \* OHSAS 18001:2007

**Key Product Lines:**

- \* Fin tube for air cooled condensers

SPX Corporation (China) Company Limited was established in 2004, underscoring our significant investment in, and long-term commitment to, growing SPX's presence in China.

Founded in 2005, Wuxi Balcke-Dürr Technologies Company Limited supplies heat exchangers and components to power plants in China.



Wuxi Balcke Dürr Technologies Co., Ltd.

**Certification:**

- \* ISO9001:2008

**Key Product Lines:**

- \* Heating elements for gas-gas heater and air preheater

## GROWTH HISTORY IN CHINA

SPX Cooling Technologies (Beijing) Company Limited was established in 2005, providing an array of services related to dry cooling projects, from project design to onsite commissioning and project management.

APV Machinery Manufacturing (Shanghai) Company Limited, founded in 2006, joined SPX in 2007 through global acquisition, which enriched SPX's product offering to the food and beverage industry. In 2010 the company was renamed to SPX (Shanghai) Flow Technology Company Limited.



SPX (Shanghai) Flow  
Technology Co., Ltd.

**Certification:**

- \* ISO9001:2008

**Key Product Lines:**

- \* Ultra high temperature infusion systems
- \* Plate heat exchangers
- \* Centrifugal pumps
- \* Rotary pumps
- \* Butterfly valves
- \* Single seat valves
- \* Mixers
- \* Air dryers
- \* Homogenizers

SPX Asia Pacific Corporate headquarters was established in 2007 in Shanghai. It also serves as a training center and finance shared services center for Asia Pacific, speeding up SPX's growth in the region.

TPS Tianyu Equipment Company Limited was established in 2008 in Chengdu, specializing in manufacturing custom-engineered environmental testing chambers and industrial ovens.



TPS Tianyu Equipment Co., Ltd.

**Certification:**

- \* ISO9001:2008

**Key Product Lines:**

- \* Vibration testing chambers
- \* High-low temperature and humidity testing chambers
- \* Thermal vacuum testing chambers
- \* Walk-in testing chambers
- \* Ovens

SPX Service Solutions acquired Autoboss Shenzhen Company Limited in 2008, helping SPX deliver more diagnostic tools and equipment for the Chinese and global automotive aftermarkets.

## SPX IN INDIA

SPX has sales and service offices, distribution centers and manufacturing plants in Jaipur, Ahmedabad, Pune, Chennai and New Delhi to support the rapid growth of Flow Technologies, Service Solutions, Hydraulic Technologies, Balcke-Dürr and SPX Communication Technology businesses in India.

SPX Flow Technology established its presence in India in 1998 when SPX acquired General Signal Corporation and its subsidiaries in India. The two manufacturing plants provide customers with heat exchangers, pumps, mixers, filters, skidded systems locally, and total solutions to serve their needs in mining, power and energy, shipbuilding, and food and beverage industries.

SPX Service Solutions India team was set up in March 2008 for selling and distributing diagnostic systems and special service tools to global automotive manufacturers. Through its rapid growth the team has established offices and distribution service centers in New Delhi, Pune and Chennai. This team also plays an active role of supporting projects in Australia and North America through their highly skilled workforce for software development and engineering services.

SPX Communication Technology is introducing its advanced vasTerra™ antenna technology to India to support development of the rural areas in the country. The system provides economically viable network coverage to rural areas and is also flexible to adapt to the use of renewable energy resources. The project is consistent with SPX's goal to provide advanced and innovative technology solutions and meet the needs of a growing population.

Thermax SPX Energy Technologies Ltd, a joint venture of Thermax and SPX, was established in 2009 to market SPX's Balcke-Dürr branded pollution control and heat transfer technologies to Indian power producers. These highly efficient products meet the country's demand of expanding power generation through coal-fired power stations while reducing emissions, and support the advancement of India's energy infrastructure.



SPX India Private Limited

**Certification:**

- \* ISO9001:2008

**Key Product Lines:**

- \* Filter and filter elements



Thermax SPX Energy Technologies Ltd.

**Key Product Lines:**

- \* Rotary heat exchangers
- \* Electrostatic precipitators
- \* Bag filters



SPX Flow Technology (India) Private Limited

**Key Product Lines:**

- \* Centrifugal pumps



Service Solutions validation center in New Delhi

## SPX IN SOUTH KOREA

SPX has sales and distribution centers, as well as manufacturing facilities, to support the business expansion of Flow Technology, Service Solutions and Hydraulic Technologies in South Korea.

SPX Flow Technology Korea has a new sales office in Seoul, opened in 2010, and manufacturing facilities in Busan, founded in 1987, to provide components, services and turn-key solutions to the customers in Korea. The product portfolio marketed in Korea includes plate heat exchangers, pumps, valves, mixers, gas and liquid dryers and filters, serving key industries, such as shipbuilding, power and energy, food and beverage, and petrochemical industry. SPX Flow Technology Korea also works very closely with Korean engineering companies (EPC) to support the infrastructure construction projects globally.

SPX Service Solutions Korea team was set up in 2008, providing special service tools, diagnostic equipment and technical information and services to regional automotive manufacturers, supporting their global networks, as well as providing aftermarket services in the country.



SPX Flow Technology Korea Co., Ltd.

### Certification:

- \* ISO9001:2008
- \* ISO14001:2004
- \* ASME U Stamp, UM Stamp
- \* NB
- \* SELO
- \* CSA (Wallmount Dryer, BPHE)
- \* CE-PED (BPHE)

### Key Product Lines:

- \* Compressed air & gas purification systems
- \* Plate heat exchanger



Service Solutions Office in Gunpo



Flow sales office in Seoul

## SPX IN JAPAN

SPX has sales offices in Tokyo and Yokohama to support the development of Flow Technology and Service Solutions businesses in Japan.

SPX Flow Technology business in Japan markets pumps, valves, dispersion and other liquid handling equipment and provide aftersales services as well as turn-key solutions for Japanese customers in dairy, brewery and petrochemical industries.



Service solutions sales office in Yokohama

SPX Service Solutions business in Japan was established in 1972, primarily distributing automotive service tools. The business has accelerated its expansion since 2003, introducing more advanced diagnostic solutions to the Japanese automotive manufacturers.

## SPX IN SOUTHEAST ASIA

SPX has sales and service offices in Singapore, Malaysia, Thailand and Vietnam to support the business growth of Flow Technology, Cooling Technologies and Hydraulic Technologies in Southeast Asia.

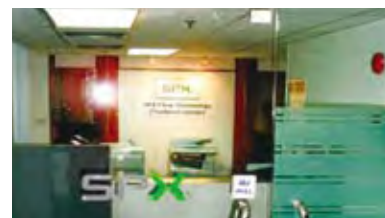
SPX Flow Technology's footprint covers four countries in Southeast Asia. The team, headquartered in Singapore, markets custom-designed mixers, pumps, valves, plate heat exchangers, air and gas filtration and dehydration products, ultra high temperature infusion and skidded systems to cater the region's growing needs for power and energy, mining, petrochemical, as well as brewery and dairy, pharmaceutical and healthcare industries.

SPX Cooling Technologies business has a team based in Kuala Lumpur to serve the customers in Southeast Asia. Package cooling towers under the Marley product brand help to cool industrial applications and residential buildings in the region during year-around warm to hot weather.

SPX Hydraulic Technologies has a sales and customer service center in Singapore, as well as 22 distributors in Asia Pacific to market POWERTEAM branded Hydraulic products in the region. With the company's global acquisition of Torque Tension Systems Company's operation in 2010, this team further expanded its business and had a new operation site in Malaysia. Nowadays SPX Hydraulic Technologies provides a complete range of hydraulic and bolting products to serve infrastructure, mining, steel mills, shipbuilding, oil and gas, and power generation industries.



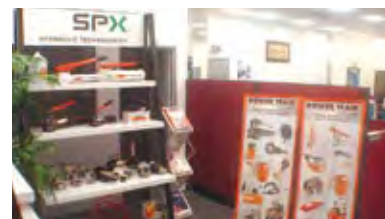
Flow sales office in Singapore



Flow sales office in Bangkok, Thailand



Evaporative Cooling sales office in Kuala Lumpur, Malaysia



Hydraulic sales office in Singapore



Hydraulic sales office in Miri, Malaysia

## SPX IN AUSTRALIA AND NEW ZEALAND

SPX has sales and service offices in Australia and New Zealand to support the development of Flow Technology, Service Solutions, Hydraulic Technologies and Radiodetection businesses.

SPX Service Solutions business in Australia, with a regional head office in Melbourne, is responsible for all business activity in the Oceania and ASEAN region, supplying not only vehicle servicing and maintenance solutions to the automotive industry, but also a full range of quality testing equipment to the electrical, HVAC, construction and maintenance markets.

SPX Flow Technology has teams in the key cities in Australia and New Zealand to provide customers with components and turn-key systems related to processing, blending, metering, filtering and transporting of fluids, as well as gas filtration and dehydration applications for mining, food and beverage, power and energy, and petrochemical industries.

Radiodetection Australia team in Sydney is responsible for providing leading infrastructure companies with a wide range of advanced cable and pipe locators, camera inspection systems, cable testing and monitoring systems across the Oceania region.

SPX Hydraulic Technologies expanded its business in Australia with the company's global acquisition of Torque Tension Systems Company in 2010. The team, located in Perth, markets high quality precision hydraulic bolting products serving offshore, marine, oil and gas, mining, wind energy, power generation and infrastructure construction markets.



Flow sales office in Auckland, New Zealand



Flow service center in Hamilton, New Zealand



Flow sales office in Sydney, Australia



Flow sales office in Perth, Australia



Service Solutions sales office in Melbourne, Australia



Radiodetection sales office in Sydney, Australia



**SPX**<sup>®</sup>  
WHERE IDEAS MEET INDUSTRY

# CONTACT US

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SPX Service Solutions	GFI Genfare
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SPX Hydraulic Technologies	TPS

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SPX Flow Technology	SPX Service Solutions

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## Manufacturing Sites:

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