As Singapore continues to push the envelope of technology and efficiency in the 21st century, Siemens plans to play a leading role in the economic and technological development of the nation.

World-renowned for our innovative technologies and expertise in the fields of power, automation and control, information and communications, healthcare and transportation, our goal is to continue to strengthen partnerships, adding value by bringing integrated solutions and cutting-edge technology to our clients' businesses.

Enhancing the knowledge and engineering capabilities of our clients with our commitment to new innovative ideas and products, Siemens celebrates the synergy in our valued partnerships. We are confident of giving our partners the competitive edge and of taking their businesses to greater heights.
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At a Glance

Siemens is dedicated to providing life technologies that improve living standards around the world. By leveraging our global network of innovation, we offer revolutionary products, systems and solutions spanning the entire field of electronics and electrical engineering.

Singapore is a strategic hub for Siemens. In 2005, we rolled out the first made-in-Singapore SIPLACE or electronic assembly machine. Singapore is the Asian center of competence for our water technologies and airport logistics businesses. She is the worldwide manufacturing and logistics headquarters for the Siemens’ Audiology Division, hosting the global hearing aids manufacturing plant and R&D center. We have also intensified our R&D activities in Singapore, especially in automotive electronics and high-end electronics assembly systems.

To grow our Singapore operations, we have adopted global Siemens initiatives like Fit 4 More and Siemens One. More than just business, we embrace our corporate citizen role and spare no effort for the advancement of our employees, the pillars of our operations.

Platform development is a key stage in SV’s R&D process because it focuses on the early phase of product creation, where building blocks for all application developments are defined. Some 40 SV Singapore engineers are dedicated to platform development, which accounts for one third of our local R&D investment.

Today, our local engineers are no longer involved in only one aspect of R&D or just to improve on a prototype created by their headquarter counterparts. There is great fluidity between different global SV R&D teams. This enables local engineers to carry out research in different centers and likewise, SV Singapore plays host to Siemens engineers from around the world.

Our team’s existing expertise and ability to offer high quality, value-add services provide a strategic advantage, even though Singapore may not be considered the lowest-cost Asian market country in which to operate. With the shift from traditional technology transfer to technology sharing in Siemens R&D, the Singapore R&D center has come of age and can create the turnkey technology for automotive systems.

Mr. Azmoon Ahmad
Chief Executive Officer
Delivering Value: Siemens VDO Automotive Pte Ltd

Siemens VDO Automotive (SV) Pte Ltd drives automotive R&D in Singapore with expansions in our R&D facilities and capabilities to better support Siemens' global R&D technology requirements. The increase in investment and headcount is designed to power Siemens' Asian growth engine, while allowing our R&D arm to reach beyond the region to customers worldwide, including Volkswagen Germany, General Motors USA, AUDI Germany, LandRover United Kingdom, Hyundai-KIA Korea and Suzuki Japan.

On average, the R&D investment in Singapore's SV unit amounts to more than S$15 million a year, making the Singapore outfit our largest outside Germany. The team has 140 engineers concentrating on R&D work and this is expected to grow to 210 in 2006. The research engineers are supported by 20 managers and administrative staff.

The Singapore SV R&D group focuses our activities on automotive infotainment solutions, navigation, and heating, ventilation and air conditioning (HVAC). We saw rapid expansion in recent years for two key reasons, one of which is the transfer of several technology activities from our headquarters in Germany to Singapore. The second is the transfer of its platform development activity from France to Singapore in 2004.

Siemens One

Siemens One was established to offer customers our entire portfolio from one single source. All our business groups act as team players to optimize customer value by intensifying and expanding our current cross-selling activities. Using this approach, we are in a position to better understand our customers' processes and needs and jointly develop results for them. By focusing on serving various sectors like airports or oil and gas, and different areas like major events, we can apply our unique portfolio to develop thorough and customized solutions.

People Excellence

Siemens in Singapore is a truly cosmopolitan operation with a workforce of 2000 employees of 27 different nationalities. People are our greatest assets and we are committed to further develop their capabilities and enhance their workplace environment.

- Developing our people’s competencies
  Several of our Siemens companies were awarded the People Developer Award by Spring Singapore in recognition of our structured people development processes.

- Developing our people’s resilience
  To promote a balanced work life culture, we organize a variety of enriching health programs from health talks to fitness classes and outdoor activities for our employees.

Corporate Responsibility

In Singapore, we are engaged in activities to enhance the community and advance society.

- Siemens Cares
  This is a community volunteerism initiative whereby each employee is granted one day off work to participate in community work.

- National Day Parade
  Siemens is proud to have been a major sponsor for the National Day Parade since 1999.

- President’s Challenge
  From Gladiathon in 2003, Junglathon in 2004 and the Siemens - President’s Challenge Charity Golf in 2005, we have been supporting the worthy President’s Challenge cause.

- Patron of the Arts
  Under the banner of Siemens Classics, we have worked closely with the Singapore Symphony Orchestra to bring music to the people. We have been named Associate of the Arts by the National Arts Council since 2003 for our contributions to the arts scene.
Relieving congestion in the transportation system is of paramount importance in a tiny island that is home to more than four million people. Siemens works closely with private and public sector partners to develop efficient, reliable world-class transportation solutions - helping Singaporeans to get where they need to be, every day.

Siemens is a driving force behind new technologies to keep transportation competitive and efficient. We provided 19 trainsets for the Woodlands MRT line extension in 1996. Today, these continue to give commuters a smooth and efficient ride. As the road and rail systems expand, we are working closely with the Land Transport Authority to meet the growing needs for fast and convenient transportation.

Siemens VDO Automotive is a world leader in providing navigation systems, instrumentation, fleet management and in-car entertainment systems. This helps to make automobiles safer, easier to use and infinitely more fun to drive.

In Singapore, Siemens VDO Automotive established its first global Design and Development Center outside Europe, focused on the development of car and navigational products. With plans to offer car audio and navigation solutions to other markets in the region, Siemens is set to make travel even easier.
Siemens and Singapore go back a long way, from 1 June 1908 when the Singapore branch of then Siemens Brothers Dynamo Works Limited, London was started. Today, we are one of the largest German employers in Singapore and we laid the foundation of our success with the creation of win-win partnerships with our customers.

It is our firm belief that the long-term sustainability of our business and growth are tied to the performance of our customers. We stay ahead by providing our customers with innovative products, systems and solutions to sharpen their competitive edge and enhance their profitability.

You will receive a broad overview of our business fields in this publication. The highlight of this brochure is the testaments from our customers, who have kindly agreed to share their Siemens experience with you.

At Siemens, the best of our technology offering is complemented by a global team of committed talents. Recognizing that it is the people who make the difference, we endeavor to create the most conducive environment for our employees to grow professionally and we empower them so that they can provide the best service to our customers.

We have enjoyed good success in Singapore and we intend to leverage on the unique partnership that we have with our customers, our customer-oriented business portfolio, technological leadership, and the dedication of our professionals to take our business to new heights.

Hans-Dieter Bott
Country Manager
Siemens Singapore
Management Team

Mayypriva Jagannath Rao
Industrial Solutions and Services

William Lim
Transportation Systems

Roy Lim
Osram Singapore Pte Ltd

Joerg Kessler
Siemens Communications

John Kan
Siemens Business Services Pte Ltd

Haygriva Jagannath Rao
Industrial Solutions and Services

Siegfried Neubauer
Automation and Drives, Electronics Assembly Systems

Tony Toon
Power Generation

Jacky Chan
Automation and Drives

Fred Rettlinger
CFO, Siemens Pte Ltd

Hans-Dieter Bott
CEO, Siemens Pte Ltd

Torsten Niederdraenk
Siemens Medical Instruments Pte Ltd

Azmoon Ahmad
Siemens VDO Automotive Pte Ltd

Sim Bee Lim
Siemens Westinghouse Technical Services Pte Ltd

Kua Sea Yeat
Building Technologies

Adam Lim
Medical Solutions

Xia Ye
Building Technologies

Azmoon Ahmad
Siemens VDO Automotive Pte Ltd

Roy Lim
Osram Singapore Pte Ltd

Customer Focus: SGX Centre

Inside the SGX Centre is a flurry of activities as transactions on the Singapore Stock Exchange cross at lightning speeds. Behind the flurry, the Siemens Building Management System is at work to keep the SGX Centre running in tip-top condition.

Located within Singapore’s financial district, the SGX Centre comprises two 30-storey towers connected by a common podium, with a total floor area of 72,000 square meters.

The Siemens Building Management System adopted for the SGX Centre consists of facility management, heating, ventilation and air con, access, security, life safety, public address, building intercom and car parking systems. It operates by ensuring that both mechanical and electrical systems run effectively at optimum efficiency. Additionally, the system is equipped with the capacity to monitor and control any area of the building via any management work station.

Completed in 2001, the SGX Centre is a testament of Siemens’ capability to design and install a complete and intelligent building management system which covers every facade of a building.

“The Siemens Building Management System ensures not just the smooth running of the SGX Centre but more importantly, the safety and comfort of its occupants and visitors.”

Mr. Chan Kok Seng
Manager, Building Services
MCST Plan No. 2675
Customer Focus: Sunlight Electrical Pte Ltd

Sunlight Electrical Pte Ltd, a wholly-owned subsidiary of listed Sunlight Group Holdings Ltd, and Siemens found a win-win partnership which dates back to 2001. The company is one of the three largest switchboard manufacturers in Singapore and Siemens’ local partner for its SIVACON products.

We collaborate with Sunlight to produce SIVACON switchgears using Siemens components and within our specifications. Switchgears are the lifeblood of buildings which control the distribution of electricity within the entire facility.

One key success from this partnership is the joint effort by Siemens and Sunlight to clinch several motors control center contracts for the Changi water reclamation plant project. This is part of Singapore’s deep tunnel sewerage system project - a $S7 billion exercise which will put Singapore on the world map and transform wastewater management in Singapore. It will replace the existing sewerage system to make available 880 hectares of space in land-scarce Singapore.

Through the collaboration, Siemens and Sunlight have successfully crafted a model for future wastewater treatment plant projects in the region.

"As Siemens’ SIVACON partner, we can leave the design, development and test certification work to an established name so that we can focus on manufacturing top quality SIVACON switchboards that meet all specification requirements."

Mr. Lim Kwang Joo
Managing Director

Business in Summary

Power
Our power business covers the entire array of energy solutions. Efficient, environmentally-compatible power generation, as well as the safe and reliable delivery of electrical power, helps us meet the power needs of today, tomorrow and the future.

Information and Communications
Comprising the Communications Group and Siemens Business Services, we provide the entire spectrum of information and communications solutions, from innovative voice and data solutions to complete networks, tailored applications and services.

Healthcare
Our healthcare business includes the development of innovative technologies for medical diagnosis and therapy, as well as solutions that ensure optimal efficiency in hospitals and doctors’ offices.

Automation and Control
It is our core competence to help customers optimize their business and production processes, thereby enabling them to improve their profitability and efficiency. Our integrated and tailor-made solutions help our customers to stay ahead of their game.

Transportation
Siemens’ products and systems are designed to satisfy society’s need for ever greater mobility, while balancing demands for environmental compatibility and improved performance.

Lighting
Our lighting business area specializes in developing and manufacturing a comprehensive range of lighting applications and products. These lighting solutions are cost-efficient, environmentally-friendly and energy-efficient.
Siemens maximizes business productivity with our automated solutions. We provide innovative technologies and products which allow your company to be as successful as possible. With an integrated approach for all sectors, we can provide you with complete project management solution and service.

Many of Singapore’s buildings have been outfitted with efficient power management and state-of-the-art intelligent home systems from Siemens. Our Automation and Drives group continues to fulfill the growing needs of Singaporeans today with products and solutions that enhance safety, comfort in homes and offices whilst maintaining cost effectiveness.

Combining automation technology with drives, motors, switchgear and electrical installation equipment, we help to meet the demand for industrial, commercial and public infrastructure works throughout Singapore. A good example is our involvement in the deep tunnel sewerage system project.

To ensure the smooth and efficient flow of day-to-day operations, we back up our product, system and solution offerings with extensive classroom and onsite training, telephone assistance and web-based support.

Our Building Technologies arm ensures the comfort and safety of industrial, commercial and residential premises in Singapore. As the industrial leader in building automation and fire safety and security, Siemens’ innovative and intelligent solutions and products can be found in many of Singapore’s landmarks including The Esplanade - Theatres by the Bay, SGX Centre, Changi Airport and the National University of Singapore.
Over the last 20 years, Siemens has played a key role in many of Singapore’s major power projects - building power stations, providing turnkey services and upgrading existing power plants with the latest energy-efficient technologies.

Siemens’ technology, services and equipment power Singapore. For example, our gas turbines are used in power stations across Singapore. We introduced our advanced technology in the gas turbines to ensure low levels of fuel gas emissions to help safeguard the environment.

At Siemens, we deliver the power to keep Singapore going by ensuring that a reliable supply of power reaches homes, schools, offices, hospitals and businesses. We keep Singapore connected by building, maintaining and supplying the island’s power network as well as supplying and installing advanced gas-insulated switchgear panels in Singapore’s power grid.

Siemens’ computer-based Supervisory Control and Data Acquisition (SCADA) monitors and controls Singapore’s entire power transmission and distribution network. SCADA incorporates artificial intelligence and the facility is the world’s largest and most technologically-advanced installation of its kind. Any fault is detected immediately and can be corrected remotely, so there will always be smooth power supply to the whole nation.

As a leader in power, Siemens supplies every product, system and service needed to generate and transmit power safely and efficiently. Our capabilities and solutions ensure that Singapore’s power needs continue to be met, today, tomorrow and in the future.

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Customer Focus : Senoko Power Ltd

Siemens and Senoko Power Ltd go back a long way to 1982 when we built two open-cycle gas turbines at Pasir Panjang for the Public Utilities Board before it was corporatised. The turbines continue to generate up to 105 megawatts (MW) of electricity today, although the competitive electricity market means that they are seldom utilized.

Between 1990 and 1991, Siemens installed four 131 MW gas turbines for Senoko Power. In 1996, Senoko Power made headlines when it pioneered the introduction of combined cycle plants in Singapore by converting the same four gas turbines from a capacity of 524 MW to 850 MW of combined cycle plant capability. Over a 10-year period, the combined cycle gas turbines accounted for approximately 40 per cent of Senoko Power's generation capacity and generated over 42 TWh (trillion watt hours) of electricity for Singapore.

Senoko Power took a timely decision in 2004 to extend the life of the same combined cycle gas turbines at high performance levels for at least another decade. Once again, we were chosen by Senoko Power to be their partner for the turnkey life extension project to upgrade the instrumentation and control, and electrical systems of the gas turbines, as well as a major overhaul of the turbines to upgrade and enhance the plant.

Customer Focus : Jurong Technologies

Main-board listed Jurong Technologies is a rapidly-growing electronics manufacturing company with an expanding foothold in Asia and counting several production facilities in Singapore, Malaysia, China and Indonesia. The company offers total manufacturing solutions including product and process development, material procurement and management, and complete product assembly.

Siemens, a leader in surface mount technology (SMT), has worked closely with Jurong Technologies since 1999. This partnership has grown from strength to strength over the years, thanks to our consistent ability to provide high-performance machines with responsive technical services.

Our SIPLACE SMT machines are able to meet and surpass Jurong Technologies’ challenging production requirements. Critical machine features like unparalleled production speed, high component placement accuracy and flexibility in responding to diversified production requirements make up the winning formula to always meet Jurong Technologies’ ever-challenging production targets.

"Siemens is able to offer us a complete package that encompasses machine performance, manufacturing consultancy, technical services and guaranteed throughput. The team has excelled in keeping pace with our competitive strategy to anticipate and meet our customers’ needs."

Mr. Lee Lok Fui
President and
Chief Executive Officer
Marine environmental conditions are highly dynamic so we need to continually innovate to improve the performance of our winches. We couple our expertise in winch making with Siemens’ automation technology to provide the best solution for our customers.

Mr. Henry Sim
Managing Director

Siemens has the technology to customize automation systems for any industry. Marine Equipments Pte Ltd can attest to that with their adoption of a Siemens programmable logic controller based system specifically designed to control an industrial winch for a tunnel-laying project.

From the control console aboard a tunnel-laying barge, the Siemens automation technology is used to control the winches which can lift sections of a tunnel. The system also automates the process of launching the tunnel section and joining the sections down into the seabed. By repeating this process, a tunnel is formed at the bottom of the sea. Automating the entire process resulted in improved precision, efficiency and productivity.

Marine Equipments is a Singapore-based company which caters to the regional requirements for marine and offshore winches. The company is a reputable manufacturer of quality, economical and custom-built winches.

A triple-bottomline company who looks at financial, social and environmental impacts, Senoko Power opted to replace the current burners with state-of-the-art Siemens low-NOx hybrid burners. The new burners bring down emission levels significantly below the acceptable threshold in Singapore.

In the last 20 years, Senoko Power has invested more than $1 billion with Siemens power generation equipment. This speaks volumes of the collaboration between the two companies. As Senoko Power “runs faster just to stand still”, an analogy used by its President and Chief Executive Officer Roy Adair to describe the competitive landscape for Singapore’s power generation business and what the company has to do to maintain its leadership position, Siemens is prepared to go the long haul with Senoko Power and where necessary, sprint to make sure our partner stays ahead of the pack.

Like any good company, we don’t put all our eggs in one basket and Siemens has responded admirably to the competitive tension which we have created for our suppliers. Our partnership with Siemens is a cornerstone of our generation strategy since 1996 with the installation of the combined cycle plant which has achieved excellent availability, reliability and production efficiency records. The extensive working relationship between Senoko Power and Siemens has created a high degree of trust between us. This strength will enable us to meet new challenges together.

Mr. Roy Adair
President and Chief Executive Officer
At Siemens, we offer precise solutions to meet your exact requirements and help increase efficiency. In addition to being a world leader in airport logistics, we also specialize in postal automation, electronics assembly and total systems integration.

Siemens Industrial Solutions and Services provides technology and technical services to ensure that Singapore’s critical industries continue to run smoothly in today’s competitive environment. From water technologies to oil and gas, we provide a spectrum of services covering the entire lifecycle of a variety of industrial plants.

Combining intelligence with simplicity, Siemens’ industrial systems raise productivity, efficiency and quality from the control room to the factory floor. As the world’s global leader in intelligent system solutions, we help develop solutions to build better businesses.

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Often times, our customers require technical expertise for their repairs, tests and maintenance. Siemens Westinghouse Technical Services, a leader in mechanical and electrical repair operations, provides these essential services to ensure that our customers’ needs are adequately met.
Siemens makes communication a reality. We offer a comprehensive range of business solutions from innovative voice, data and video communication to tailored applications. Our pledge is to deliver flexible and all-encompassing solutions and services that support the customers’ bottom line.

Siemens’ innovative information and communications solutions can be found everywhere, keeping you connected in every possible way. Our networks and business applications help to hook you up anytime, anywhere.

In Singapore, carrier solutions from Siemens Communications have enabled leading telecom companies to operate efficiently, ensuring that end-users benefit from affordable communications. Our focus is on Next Generation Networking, delivering voice, data and video at a speed and efficiency that meet the needs of network operators, enterprises and end-users.

At the office, we keep businesses humming through our business IT solutions, and connected to the world through our enterprise network solutions. Siemens Business Services provides manufacturers, financial service providers and public-sector clients with consultation, systems integration and solutions, operation and maintenance of complex IT infrastructures and outsourcing sales activities.
We chose HiPath 4000 for its high flexibility. The new system is serving us well and the professional team from Siemens ensured that we experienced zero interruption during the migration from the Hicom 300E to HiPath 4000 system.

Mr. Dennis Kang
Purchasing Manager

Customer Focus: Symrise Pte Ltd

Symrise Pte Ltd started using our telephony system since 2001 with the Siemens PABX (public automatic branch exchange) Hicom 300E system. In 2004, Symrise upgraded this to our state-of-the-art Siemens HiPath 4000. We have grown alongside Symrise who opened a second office in the same year and also equipped this office with HiPath 4000.

The two systems, though at different locations, are linked seamlessly via the ISDN (integrated service digital network) lease line. With HiPath 4000, Symrise is afforded a single system view which requires lesser administration with high availability of the entire system.

HiPath 4000 is an innovative real-time IP (internet protocol) system which combines the advantages of IP-based communication with the reliability and performance scope of circuit-switched communication systems. This means companies have the option to switch between traditional and VoIP (Voice over Internet Protocol) modes using one system. With VoIP, users can enjoy real-time communication on an IT platform.

Symrise is a leading global creator of flavors, fragrances, cosmetics and aroma ingredients.

Customer Focus: Singapore Health Services Pte Ltd

Siemens and the Singapore General Hospital (SGH) Pte Ltd signed a Memorandum of Understanding (MOU) in 2005 to establish SGH as a regional reference site for Siemens’ state-of-the-art imaging systems in Southeast Asia.

A key feature of the MOU includes the establishment of a structure for research collaboration in advanced imaging applications. It also incorporates a partnership in joint training and fellowship programs, clinical trials, developmental projects and exchange of ideas and technology for MRI (Magnetic Resonance Imaging), CT (Computed Tomography) and Ultrasound.

SGH, with invaluable input from the National Heart Centre, both members of the Singapore Health Services (SingHealth) Pte Ltd group, provides a comprehensive non-invasive cardiovascular system imaging service at the S$5.1-million SingHealth Centre for Advanced Non-Invasive Cardiovascular Imaging (SCAN CVI). The centre also provides complex and high-end imaging for the neurological, body and musculoskeletal subspecialties.

SingHealth is the largest provider of acute healthcare in Singapore, comprising three hospitals, five national specialist centers and a network of nine polyclinics.

Dr. Kevin Chen
Consultant
Department of Diagnostic Radiology
Singapore General Hospital

“Having the latest medical imaging technology and superb technical support from Siemens have enabled us to provide a cutting-edge imaging service which has improved disease diagnosis and treatment outcomes. This has enhanced the quality of care we provide.”
Customer Focus: National Healthcare Group

Siemens inked a major deal with Singapore's National Healthcare Group (NHG) for the implementation of our new generation healthcare IT solution Soarian. NHG, which comprises four major hospitals and nine polyclinics, is one of two public healthcare clusters in Singapore. This purchase marks the first implementation of Soarian Clinicals in Asia Pacific.

Soarian integrates clinical, financial, diagnostic and administrative processes to support quality patient-centered care. NHG's cluster-wide adoption of the Electronic Patient Record - that utilizes Soarian's Computerized Clinician Order Entry, Clinical Decision Support and Workflow Engine capabilities - signifies one of the most ambitious and extensive initiatives to eliminate silos of care for both inpatients and outpatients.

The system’s smart user interface and workflow engine are designed to route tasks and relevant information to care providers based on their roles. In a multi-disciplinary environment, this means people working in sync to provide more effective diagnosis, treatment and care.

Mr. Linus Tham
Chief Information Officer

Customer Focus: Schenker (Asia Pacific) Pte Ltd

Schenker Asia Pacific, a leading integrated logistics service provider, picked Siemens Business Services Pte Ltd to provide hosting and operational services for its business critical applications.

Using Singapore as the base for Schenker’s regional data center in Asia, we provide 24/7 managed hosting services for the company’s critical applications in logistics operation and management information system. Technical helpdesk support is also included in the service agreement.

The regional data center in Singapore supports all centralized applications for 20 countries in the region. Most servers are running on Linux operating system. As a result of adopting a homogenous open-source environment, Schenker is able to respond quicker to its supply chain customers and eliminate its dependency on proprietary hardware. This has resulted in cost savings for Schenker.

Our ability to offer “on demand” storage space has also helped Schenker to reduce upfront investment costs and enjoy the flexibility to pay for storage as and when they need it.

Mr. Wolfgang Herrmann
Information Technology
CIO Asia Pacific
Siemens shares Singapore's goal of offering world-class healthcare and medical treatment. Our cutting-edge technologies and world-leading medical equipment ensure the highest possible standards of diagnostics, treatment and support, paving the way for healthier lives.

Proven outcomes to help you go further and proven outcomes through innovation. That's the Siemens promise to patients and caregivers by integrating medical technology, IT, management consulting and other services. Siemens' range of comprehensive medical systems and instruments not only increases efficiency, it has helped keep Singapore on the world map for global excellence in healthcare.

Siemens Medical Solutions supports a wide range of healthcare facilities in Singapore, supplying and installing the latest diagnostic equipment to aid medical practitioners. Our pioneering contributions to the advancement of medical care with efficient and cutting-edge technology of diagnostic and therapeutic systems have helped to transform hospitals. We have made increased life expectancy, higher quality of life and a significant cost reduction in health services a reality.

Siemens Medical Instruments Pte Ltd has had a presence in Singapore since 1974 and is the worldwide manufacturing and logistics center for the Siemens Audiology Group. The group has been at the forefront of audiological innovation for more than a hundred years, and maintains its number one position in the market. As the second largest R&D facility in the world, the Siemens Audiology Group plans to continue innovating in the future, with intentions to invest more than S$110 million in Singapore by 2008, a significant portion of which will be focused on R&D.
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Soarian integrates clinical, financial, diagnostic and administrative processes to support quality patient-centered care. NHG’s cluster-wide adoption of the Electronic Patient Record - that utilizes Soarian’s Computerized Clinician Order Entry, Clinical Decision Support and Workflow Engine capabilities - signifies one of the most ambitious and extensive initiatives to eliminate silos of care for both inpatients and outpatients.

The system’s smart user interface and workflow engine are designed to route tasks and relevant information to care providers based on their roles. In a multi-disciplinary environment, this means people working in sync to provide more effective diagnosis, treatment and care.

We recognize the unique ability of Soarian to build and refine workflows. It automatically monitors every phase of the clinical process and gives us the platform on which we can transform the entire care process, making care for our patients faster, better, safer and cheaper.

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Our ability to offer “on demand” storage space has also helped Schenker to reduce upfront investment costs and enjoy the flexibility to pay for storage as and when they need it.

With Siemens Business Services providing a cost-effective, reliable and flexible outsourcing solution for our IT infrastructure, we can concentrate on providing the best integrated logistics services to our customers.

Mr. Wolfgang Herrmann
Information Technology
CIO Asia Pacific
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Mr. Dennis Kang
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Symrise is a leading global creator of flavors, fragrances, cosmetics and aroma ingredients.

Customer Focus : Singapore Health Services Pte Ltd

Siemens and the Singapore General Hospital (SGH) Pte Ltd signed a Memorandum of Understanding (MOU) in 2005 to establish SGH as a regional reference site for Siemens’ state-of-the-art imaging systems in Southeast Asia.

A key feature of the MOU includes the establishment of a structure for research collaboration in advanced imaging applications. It also incorporates a partnership in joint training and fellowship programs, clinical trials, developmental projects and exchange of ideas and technology for MRI (Magnetic Resonance Imaging), CT (Computed Tomography) and Ultrasound.

SGH, with invaluable input from the National Heart Centre, both members of the Singapore Health Services (SingHealth) Pte Ltd group, provides a comprehensive non-invasive cardiovascular system imaging service at the $55.1 million SingleHealth Centre for Advanced Non-Invasive Cardiovascular Imaging (SCAN CVI). The centre also provides complex and high-end imaging for the neurological, body and musculoskeletal subspecialties.

SingHealth is the largest provider of acute healthcare in Singapore, comprising three hospitals, five national specialist centers and a network of nine polyclinics.

Having the latest medical imaging technology and superb technical support from Siemens have enabled us to provide a cutting-edge imaging service which has improved disease diagnosis and treatment outcomes. This has enhanced the quality of care we provide.

Dr. Kevin Chen
Consultant
Department of Diagnostic Radiology
Singapore General Hospital
Siemens makes communication a reality. We offer a comprehensive range of business solutions from innovative voice, data and video communication to tailored applications. Our pledge is to deliver flexible and all-encompassing solutions and services that support the customers’ bottom line.

Siemens’ innovative information and communications solutions can be found everywhere, keeping you connected in every possible way. Our networks and business applications help to hook you up anytime, anywhere.

In Singapore, carrier solutions from Siemens Communications have enabled leading telecom companies to operate efficiently, ensuring that end-users benefit from affordable communications. Our focus is on Next Generation Networking, delivering voice, data and video at a speed and efficiency that meet the needs of network operators, enterprises and end-users.

At the office, we keep businesses humming through our business IT solutions, and connected to the world through our enterprise network solutions. Siemens Business Services provides manufacturers, financial service providers and public-sector clients with consultation, systems integration and solutions, operation and maintenance of complex IT infrastructures and outsourcing sales activities.
Combining intelligence with simplicity, Siemens' industrial systems raise productivity, efficiency and quality from the control room to the factory floor. As the world's global leader in intelligent system solutions, we help develop solutions to build better businesses.

At Siemens, we offer precise solutions to meet your exact requirements and help increase efficiency. In addition to being a world leader in airport logistics, we also specialize in postal automation, electronics assembly and total systems integration.

Siemens Industrial Solutions and Services provides technology and technical services to ensure that Singapore's critical industries continue to run smoothly in today's competitive environment. From water technologies to oil and gas, we provide a spectrum of services covering the entire lifecycle of a variety of industrial plants.

Often times, our customers require technical expertise for their repairs, tests and maintenance. Siemens Westinghouse Technical Services, a leader in mechanical and electrical repair operations, provides these essential services to ensure that our customers' needs are adequately met.
Marine environmental conditions are highly dynamic so we need to continually innovate to improve the performance of our winches. We couple our expertise in winch making with Siemens’ automation technology to provide the best solution for our customers.

Mr. Henry Sim
Managing Director

Siemens has the technology to customize automation systems for any industry. Marine Equipments Pte Ltd can attest to that with their adoption of a Siemens programmable logic controller based system specifically designed to control an industrial winch for a tunnel-laying project.

From the control console aboard a tunnel-laying barge, the Siemens automation technology is used to control the winches which can lift sections of a tunnel. The system also automates the process of launching the tunnel section and joining the sections down into the seabed. By repeating this process, a tunnel is formed at the bottom of the sea. Automating the entire process resulted in improved precision, efficiency and productivity.

Marine Equipments is a Singapore-based company which caters to the regional requirements for marine and offshore winches. The company is a reputable manufacturer of quality, economical and custom-built winches.

A triple-bottomline company who looks at financial, social and environmental impacts, Senoko Power opted to replace the current burners with state-of-the-art Siemens low-NOx hybrid burners. The new burners bring down emission levels significantly below the acceptable threshold in Singapore.

In the last 20 years, Senoko Power has invested more than $1 billion with Siemens power generation equipment. This speaks volumes of the collaboration between the two companies. As Senoko Power “runs faster just to stand still”, an analogy used by its President and Chief Executive Officer Roy Adair to describe the competitive landscape for Singapore’s power generation business and what the company has to do to maintain its leadership position, Siemens is prepared to go the long haul with Senoko Power and where necessary, sprint to make sure our partner stays ahead of the pack.

Like any good company, we don’t put all our eggs in one basket and Siemens has responded admirably to the competitive tension which we have created for our suppliers. Our partnership with Siemens is a cornerstone of our generation strategy since 1996 with the installation of the combined cycle plant which has achieved excellent availability, reliability and production efficiency records. The extensive working relationship between Senoko Power and Siemens has created a high degree of trust between us. This strength will enable us to meet new challenges together.

Mr. Roy Adair
President and Chief Executive Officer
Customer Focus : Senoko Power Ltd

Siemens and Senoko Power Ltd go back a long way to 1982 when we built two open-cycle gas turbines at Pasir Panjang for the Public Utilities Board before it was corporatised. The turbines continue to generate up to 105 megawatts (MW) of electricity today, although the competitive electricity market means that they are seldom utilized.

Between 1990 and 1991, Siemens installed four 131 MW gas turbines for Senoko Power. In 1996, Senoko Power made headlines when it pioneered the introduction of combined cycle plants in Singapore by converting the same four gas turbines from a capacity of 524 MW to 850 MW of combined cycle plant capability. Over a 10-year period, the combined cycle gas turbines accounted for approximately 40 per cent of Senoko Power’s generation capacity and generated over 42 TWh (trillion watt hours) of electricity for Singapore.

Senoko Power took a timely decision in 2004 to extend the life of the same combined cycle gas turbines at high performance levels for at least another decade. Once again, we were chosen by Senoko Power to be their partner for the turnkey life extension project to upgrade the instrumentation and control, and electrical systems of the gas turbines, as well as a major overhaul of the turbines to upgrade and enhance the plant.

Customer Focus : Jurong Technologies

Main-board listed Jurong Technologies is a rapidly-growing electronics manufacturing company with an expanding foothold in Asia and counting several production facilities in Singapore, Malaysia, China and Indonesia. The company offers total manufacturing solutions including product and process development, material procurement and management, and complete product assembly.

Siemens, a leader in surface mount technology (SMT), has worked closely with Jurong Technologies since 1999. This partnership has grown from strength to strength over the years, thanks to our consistent ability to provide high-performance machines with responsive technical services.

Our SIPLACE SMT machines are able to meet and surpass Jurong Technologies’ challenging production requirements. Critical machine features like unparalleled production speed, high component placement accuracy and flexibility in responding to diversified production requirements make up the winning formula to always meet Jurong Technologies’ ever-challenging production targets.

"Siemens is able to offer us a complete package that encompasses machine performance, manufacturing consultancy, technical services and guaranteed throughput. The team has excelled in keeping pace with our competitive strategy to anticipate and meet our customers’ needs."

Mr. Lee Lok Fui
President and
Chief Executive Officer
As a leader in power, Siemens supplies every product, system and service needed to generate and transmit power safely and efficiently. Our capabilities and solutions ensure that Singapore’s power needs continue to be met, today, tomorrow and in the future.

Over the last 20 years, Siemens has played a key role in many of Singapore’s major power projects - building power stations, providing turnkey services and upgrading existing power plants with the latest energy-efficient technologies.

Siemens’ technology, services and equipment power Singapore. For example, our gas turbines are used in power stations across Singapore. We introduced our advanced technology in the gas turbines to ensure low levels of fuel gas emissions to help safeguard the environment.

At Siemens, we deliver the power to keep Singapore going by ensuring that a reliable supply of power reaches homes, schools, offices, hospitals and businesses. We keep Singapore connected by building new substations across the nation to support the island-wide power network as well as supplying and installing advanced gas-insulated switchgear panels in Singapore’s power grid.

Siemens’ computer-based Supervisory Control and Data Acquisition (SCADA) monitors and controls Singapore’s entire power transmission and distribution network. SCADA incorporates artificial intelligence and the facility is the world’s largest and most technically-advanced installation of its kind. Any fault is detected immediately and can be corrected remotely, so there will always be smooth power supply to the whole nation.
Siemens maximizes business productivity with our automated solutions. We provide innovative technologies and products which allow your company to be as successful as possible. With an integrated approach for all sectors, we can provide you with complete project management solution and service.

Many of Singapore’s buildings have been outfitted with efficient power management and state-of-the-art intelligent home systems from Siemens. Our Automation and Drives group continues to fulfill the growing needs of Singaporeans today with products and solutions that enhance safety, comfort in homes and offices whilst maintaining cost effectiveness.

Combining automation technology with drives, motors, switchgear and electrical installation equipment, we help to meet the demand for industrial, commercial and public infrastructure works throughout Singapore. A good example is our involvement in the deep tunnel sewerage system project.

To ensure the smooth and efficient flow of day-to-day operations, we back up our product, system and solution offerings with extensive classroom and onsite training, telephone assistance and web-based support.

Our Building Technologies arm ensures the comfort and safety of industrial, commercial and residential premises in Singapore. As the industrial leader in building automation and fire safety and security, Siemens’ innovative and intelligent solutions and products can be found in many of Singapore’s landmarks including The Esplanade - Theatres by the Bay, SGX Centre, Changi Airport and the National University of Singapore.
Partnerships At a Glance
Letter from the Management
Management Team
Successful Synergies

Customer Focus: Sunlight Electrical Pte Ltd

Sunlight Electrical Pte Ltd, a wholly-owned subsidiary of listed Sunlight Group Holdings Ltd, and Siemens found a win-win partnership which dates back to 2001. The company is one of the three largest switchboard manufacturers in Singapore and Siemens’ local partner for its SIVACON products.

We collaborate with Sunlight to produce SIVACON switchgears using Siemens components and within our specifications. Switchgears are the lifeblood of buildings which control the distribution of electricity within the entire facility.

One key success from this partnership is the joint effort by Siemens and Sunlight to clinch several motors control center contracts for the Changi water reclamation plant project. This is part of Singapore’s deep tunnel sewerage system project - a S$17 billion exercise which will put Singapore on the world map and transform wastewater management in Singapore. It will replace the existing sewerage system to make available 880 hectares of space in land-scarce Singapore.

Through the collaboration, Siemens and Sunlight have successfully crafted a model for future wastewater treatment plant projects in the region.

“As Siemens’ SIVACON partner, we can leave the design, development and test certification work to an established name so that we can focus on manufacturing top quality SIVACON switchboards that meet all specification requirements.”

Mr. Lim Kwang Joo
Managing Director

Business in Summary

Power
Our power business covers the entire array of energy solutions. Efficient, environmentally-compatible power generation, as well as the safe and reliable delivery of electrical power, helps us meet the power needs of today, tomorrow and the future.

Information and Communications
Comprising the Communications Group and Siemens Business Services, we provide the entire spectrum of information and communications solutions, from innovative voice and data solutions to complete networks, tailored applications and services.

Healthcare
Our healthcare business includes the development of innovative technologies for medical diagnosis and therapy, as well as solutions that ensure optimal efficiency in hospitals and doctors’ offices.

Automation and Control
It is our core competence to help customers optimize their business and production processes, thereby enabling them to improve their profitability and efficiency. Our integrated and tailor-made solutions help our customers to stay ahead of their game.

Transportation
Siemens’ products and systems are designed to satisfy society’s need for ever greater mobility, while balancing demands for environmental compatibility and improved performance.

Lighting
Our lighting business area specializes in developing and manufacturing a comprehensive range of lighting applications and products. These lighting solutions are cost-efficient, environmentally-friendly and energy-efficient.
Management Team

The Siemens Building Management System ensures not just the smooth running of the SGX Centre but more importantly, the safety and comfort of its occupants and visitors.

Mr. Chan Kok Seng
Manager, Building Services
MCST Plan No. 2675

Partnerships at a Glance

Successful Synergies

In Synergy Management Construction

Customer Focus: SGX Centre

Inside the SGX Centre is a flurry of activities as transactions on the Singapore Stock Exchange cross at lightning speeds. Behind the flurry, the Siemens Building Management System is at work to keep the SGX Centre running in tip-top condition.

Located within Singapore’s financial district, the SGX Centre comprises two 30-storey towers connected by a common podium, with a total floor area of 72,000 square meters.

The Siemens Building Management System adopted for the SGX Centre consists of facility management, heating, ventilation and air con, access, security, life safety, public address, building intercom and car parking systems. It operates by ensuring that both mechanical and electrical systems run effectively at optimum efficiency. Additionally, the system is equipped with the capacity to monitor and control any area of the building via any management work station.

Completed in 2001, the SGX Centre is a testament of Siemens’ capability to design and install a complete and intelligent building management system which covers every facade of a building.
Siemens and Singapore go back a long way, from 1 June 1908 when the Singapore branch of then Siemens Brothers Dynamo Works Limited, London was started. Today, we are one of the largest German employers in Singapore and we laid the foundation of our success with the creation of win-win partnerships with our customers.

It is our firm belief that the long-term sustainability of our business and growth are tied to the performance of our customers. We stay ahead by providing our customers with innovative products, systems and solutions to sharpen their competitive edge and enhance their profitability.

You will receive a broad overview of our business fields in this publication. The highlight of this brochure is the testaments from our customers, who have kindly agreed to share their Siemens experience with you.

At Siemens, the best of our technology offering is complemented by a global team of committed talents. Recognizing that it is the people who make the difference, we endeavor to create the most conducive environment for our employees to grow professionally and we empower them so that they can provide the best service to our customers.

We have enjoyed good success in Singapore and we intend to leverage on the unique partnership that we have with our customers, our customer-oriented business portfolio, technological leadership, and the dedication of our professionals to take our business to new heights.

Hans-Dieter Bott
Country Manager
Siemens Singapore
Relieving congestion in the transportation system is of paramount importance in a tiny island that is home to more than four million people. Siemens works closely with private and public sector partners to develop efficient, reliable world-class transportation solutions - helping Singaporeans to get where they need to be, every day.

Siemens is a driving force behind new technologies to keep transportation competitive and efficient. We provided 19 trainsets for the Woodlands MRT line extension in 1996. Today, these continue to give commuters a smooth and efficient ride. As the road and rail systems expand, we are working closely with the Land Transport Authority to meet the growing needs for fast and convenient transportation.

Siemens VDO Automotive is a world leader in providing navigation systems, instrumentation, fleet management and in-car entertainment systems. This helps to make automobiles safer, easier to use and infinitely more fun to drive.

In Singapore, Siemens VDO Automotive established its first global Design and Development Center outside Europe, focused on the development of car and navigational products. With plans to offer car audio and navigation solutions to other markets in the region, Siemens is set to make travel even easier.
Delivering Value: Siemens VDO Automotive Pte Ltd

Siemens VDO Automotive (SV) Pte Ltd drives automotive R&D in Singapore with expansions in our R&D facilities and capabilities to better support Siemens’ global R&D technology requirements. The increase in investment and headcount is designed to power Siemens’ Asian growth engine, while allowing our R&D arm to reach beyond the region to customers worldwide, including Volkswagen Germany, General Motors USA, AUDI Germany, LandRover United Kingdom, Hyundai-KIA Korea and Suzuki Japan.

On average, the R&D investment in Singapore’s SV unit amounts to more than S$15 million a year, making the Singapore outfit our largest outside Germany. The team has 140 engineers concentrating on R&D work and this is expected to grow to 210 in 2006. The research engineers are supported by 20 managers and administrative staff.

The Singapore SV R&D group focuses our activities on automotive infotainment solutions, navigation, and heating, ventilation and air conditioning (HVAC). We saw rapid expansion in recent years for two key reasons, one of which is the transfer of several technology activities from our headquarters in Germany to Singapore. The second is the transfer of its platform development activity from France to Singapore in 2004.

Siemens One

Siemens One was established to offer customers our entire portfolio from one single source. All our business groups act as team players to optimize customer value by intensifying and expanding our current cross-selling activities. Using this approach, we are in a position to better understand our customers’ processes and needs and jointly develop results for them. By focusing on serving various sectors like airports or oil and gas, and different areas like major events, we can apply our unique portfolio to develop thorough and customized solutions.

People Excellence

Siemens in Singapore is a truly cosmopolitan operation with a workforce of 2000 employees of 27 different nationalities. People are our greatest assets and we are committed to further develop their capabilities and enhance their workplace environment.

- Developing our people’s competencies
  
  Several of our Siemens companies were awarded the People Developer Award by Spring Singapore in recognition of our structured people development processes.

- Developing our people’s resilience
  
  To promote a balanced work-life culture, we organize a variety of enriching health programs from health talk to fitness classes and outdoor activities for our employees.

Corporate Responsibility

In Singapore, we are engaged in activities to enhance the community and advance society.

- Siemens Cares
  
  This is a community volunteerism initiative whereby each employee is granted one day off work to participate in community work.

- National Day Parade
  
  Siemens is proud to have been a major sponsor for the National Day Parade since 1999.

- President’s Challenge
  
  From Gadiathon in 2003, Junglathon in 2004 and the Siemens - President’s Challenge Charity Golf in 2005, we have been supporting the worthy President’s Challenge cause.

- Patron of the Arts
  
  Under the banner of Siemens Classics, we have worked closely with the Singapore Symphony Orchestra to bring music to the people. We have been named Associate of the Arts by the National Arts Council since 2003 for our contributions to the arts scene.
At a Glance

Siemens is dedicated to providing life technologies that improve living standards around the world. By leveraging our global network of innovation, we offer revolutionary products, systems and solutions spanning the entire field of electronics and electrical engineering.

Singapore is a strategic hub for Siemens. In 2005, we rolled out the first made-in-Singapore SIPLACE or electronic assembly machine. Singapore is the Asian center of competence for our water technologies and airport logistics businesses. She is the worldwide manufacturing and logistics headquarters for the Siemens’ Audiology Division, hosting the global hearing aids manufacturing plant and R&D center. We have also intensified our R&D activities in Singapore, especially in automotive electronics and high-end electronics assembly systems.

To grow our Singapore operations, we have adopted global Siemens initiatives like Fit 4 More and Siemens One. More than just business, we embrace our corporate citizen role and spare no effort for the advancement of our employees, the pillars of our operations.

Platform development is a key stage in SV’s R&D process because it focuses on the early phase of product creation, where building blocks for all application developments are defined. Some 40 SV Singapore engineers are dedicated to platform development, which accounts for one third of our local R&D investment.

Today, our local engineers are no longer involved in only one aspect of R&D or just to improve on a prototype created by their headquarter counterparts. There is great fluidity between different global SV R&D teams. This enables local engineers to carry out research in different centers and likewise, SV Singapore plays host to Siemens engineers from around the world.

Our team’s existing expertise and ability to offer high quality, value-add services provide a strategic advantage, even though Singapore may not be considered the lowest-cost Asian market country in which to operate. With the shift from traditional technology transfer to technology sharing in Siemens R&D, the Singapore R&D center has come of age and can create the turnkey technology for automotive systems.

Mr. Azmoon Ahmad
Chief Executive Officer
As Singapore continues to push the envelope of technology and efficiency in the 21st century, Siemens plans to play a leading role in the economic and technological development of the nation.

World-renowned for our innovative technologies and expertise in the fields of power, automation and control, information and communications, healthcare and transportation, our goal is to continue to strengthen partnerships, adding value by bringing integrated solutions and cutting-edge technology to our clients’ businesses.

Enhancing the knowledge and engineering capabilities of our clients with our commitment to new innovative ideas and products, Siemens celebrates the synergy in our valued partnerships. We are confident of giving our partners the competitive edge and of taking their businesses to greater heights.

Partnerships in Synergy - Siemens in Singapore

A leader in the industry, Osram has successfully transformed from a conventional light-bulb manufacturer into a cutting-edge high-tech company innovating the future of lighting. Our lighting technology has earned our products recognition for their low power consumption, compact design and excellent colour rendition.

From general-purpose lamps and automotive lamps to specialized lighting applications for the photo and optical markets, we have an immense product range for every conceivable situation.

In Singapore, Osram engages in sales, marketing and distribution. We have lit historical buildings, shopping malls, schools, public housing and MRT stations. Beyond local shores, we continue to expand, moving successfully across Asia into Brunei and Indochina.

Osram helps you see the world in a different light. A wholly-owned Siemens company, Osram offers a comprehensive range of lighting applications and products that are cost-effective, environmentally-friendly and energy-efficient. As one of the world’s largest lighting companies, our products are lighting homes, offices and factories across the nation.
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Siemens VDO Automotive Pte Ltd
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Siemens Westinghouse Technical Services Pte Ltd
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Osram Pte Ltd
159 S Mountain Road #05-04 Artec Building (Lobby 1) Singapore 576225
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For more information on Siemens Group of Companies in Singapore, visit our website at www.siemens.com.sg
Siemens Pte Ltd

Automation and Drives
Automation technology with drives, motors, switches, and electrical installation equipment to meet the demands for industrial commercial infrastructure throughout Singapore. To complement our products, systems and solutions, we provide telephone assistance, web-based support, classroom and onsite training for our customers.

High-performance products and systems for all industries:
- Industrial automation systems
- Low-voltage control and distribution
- Variable speed drive systems
- Electrical installation technology
- Industrial motors
- Large machines
- Motion control systems
- Process automation and instrumentation
- Power supply systems
- System engineering
- Special products for industries
- Training
- Electronics Assembly Systems: SPACE Surface Mount Technology (SMT) placement machines

Building Technologies
Comprehensive range of products, systems, solutions and services for the building and infrastructure sectors:
- Building automation
- Energy management
- Hotel room management
- Access control
- CCTV surveillance
- Intrusion detection
- Fire detection
- Dry extinguishing
- Airgas detection
- HVAC control
- Combustion control
- Extra-low voltage
- Integrated building management

Industrial Solutions and Services
Products, systems and solutions for:
- Oil, gas and petrochemical industries
- Mining, metals and paper industries
- Water technologies - design engineering and commissioning of water treatment, waste water treatment and water injection systems

Technical services throughout the plant lifecycle in all segments:
- Plant construction and systems integration
- Project management
- Engineering, installation and commissioning services
- IT services for industrial systems
- Logistics services and spares for industrial systems and components
- Service and maintenance
- Training
- Facility management
- Automation, electrical and mechanical workshop and field services
- Airport logistics: Baggage and cargo handling, security systems
- Platform automation: Reading and coding technology, postal IT, sorting center solutions, sorting systems for letters, flats, mixed mail and parcel

Siemens Communications
- Enterprise systems and services
- Broadcast convergence solutions for voice and data
- Optical networks
- Carrier networks and services
- Mobile and fixed networks
- Network technologies for GSM, GPRS and 3G mobile solutions
- Mobile platforms for location-based services, Internet access, payment, messaging and entertainment

Siemens Business Services Pte Ltd

Solution business:
- SAP solutions and services, applications management services, knowledge management (document management, collaboration, business automation, content management, archiving, hosting services, KM consultancy services, system integration, offshoring and industrial IT)

Operation-related services:
- Full or selective IT outsourcing, SAP and Microsoft applications management, managed security services, desktop and network services, data center managed services and customer business center services (call center/helpdesk support).

Product-related services:
- Infrastructure maintenance and transformation, infrastructure service solutions, design and build data centers, biometric recognition system, surveillance camera system, mobile security robots, people counting system and self-service automated kiosks.

Siemens Energy Management and Information Systems Pte Ltd

- Power systems control for SCADA, IEDs, EMS, DMS, DA
- Integrated substations protection and control

Siemens Medical Instruments Pte Ltd

- Hearing instruments
- Audiometric equipment
- Audiological accessories
- Hearing instruments batteries

Siemens VDO Automotive Pte Ltd

- Car audio systems
- Car navigation systems
- Fleet management
- Road speed limiter
- Accident data recorder

Siemens Westinghouse Technical Services Pte Ltd

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Osram Pte Ltd

- General incandescent lamps
- Tungsten halogen lamps
- Fluorescent lamps
- Compact fluorescent lamps
- Metal halide lamps
- High and low pressure sodium lamps
- Mercury vapour lamps
- Automotive lamps
- Traffic and signal lamps
- Photo lamps for science, technology, cinema, stage and studio
- Electronic control gears
- State-of-the-art luminaries
- Light-emitting diodes and modules