

SLS

VANTAGE

*creating ad
for your success*

2015 *Issue 01*



**Central Engineering
Poh Leong Tractors**

People Excellence
Country Attraction

Office Exercise Tips




**Our SLS Pro & SLS Academy
Branches updates**



Our Founder

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EDITORIAL

A warm and hearty welcome to the inaugural issue of Vantage, SLS's first and very own Group Magazine.

Vantage reflects SLS's new brand identity of creating the very best advantage for our customers' success. We want to be known for being a leader in the field of mechanical components and solutions.

To that end, Vantage will strive to provide thought-provoking, insightful and directly applicable content for all readers.

In this first issue, we introduce the SLS Group and mention some of the 66 industries that the Group services. We also touch on our five operating countries and their economic plans and outlook for the future based on government and economic policy.

In addition, we also provide compelling examples of SLS teams at work creating advantage for our customers.

Rest assured Vantage is not all work and no play. Our various lifestyle sections at the back of the magazine will also keep you well-informed and entertained on life outside of work. Keep your eyes peeled as you might spot yourself represented as part of the SLS family in our back pages.

This being our inaugural issue, we foresee there will be various feedback and ideas for improvement. We welcome all feedback and any ideas or features for future editions are always welcome.

We hope you will enjoy this issue.

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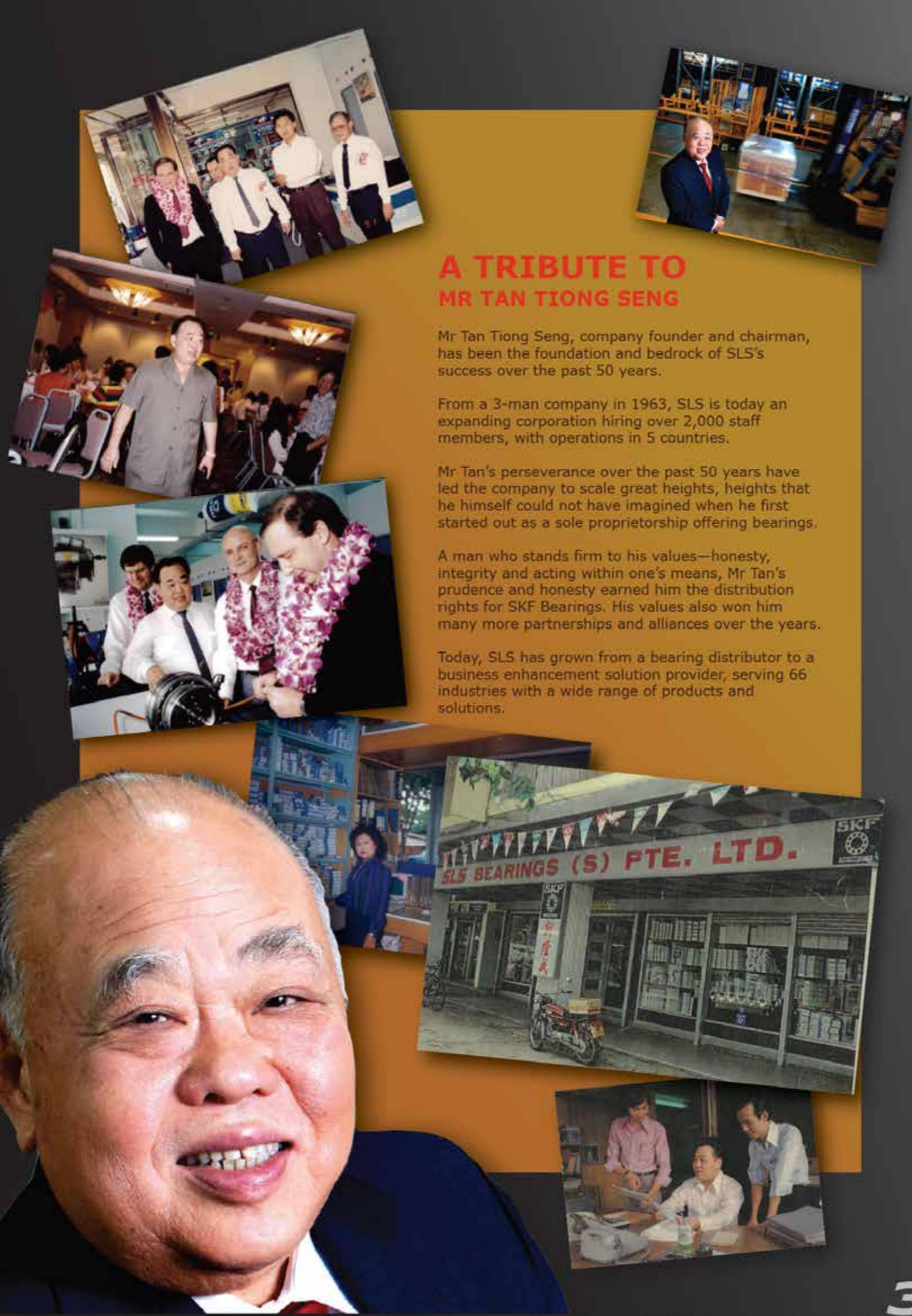
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A TRIBUTE TO MR TAN TIONG SENG

Mr Tan Tiong Seng, company founder and chairman, has been the foundation and bedrock of SLS's success over the past 50 years.

From a 3-man company in 1963, SLS is today an expanding corporation hiring over 2,000 staff members, with operations in 5 countries.

Mr Tan's perseverance over the past 50 years have led the company to scale great heights, heights that he himself could not have imagined when he first started out as a sole proprietorship offering bearings.

A man who stands firm to his values—honesty, integrity and acting within one's means, Mr Tan's prudence and honesty earned him the distribution rights for SKF Bearings. His values also won him many more partnerships and alliances over the years.

Today, SLS has grown from a bearing distributor to a business enhancement solution provider, serving 66 industries with a wide range of products and solutions.



Improve your field performance with upgraded SKF Explorer spherical roller bearings

As part of the SKF EnCompass Field Performance Programme, SKF Explorer spherical roller bearings have been upgraded and optimized to provide even more robust performance in the field. Improvements in steel composition, heat treatment, geometries, surface finishes, lubrication and seals combine to extend bearing life in even the most demanding industrial applications.

For more information about upgraded SKF Explorer spherical roller bearings and the SKF EnCompass programme, visit skf.com/srb.

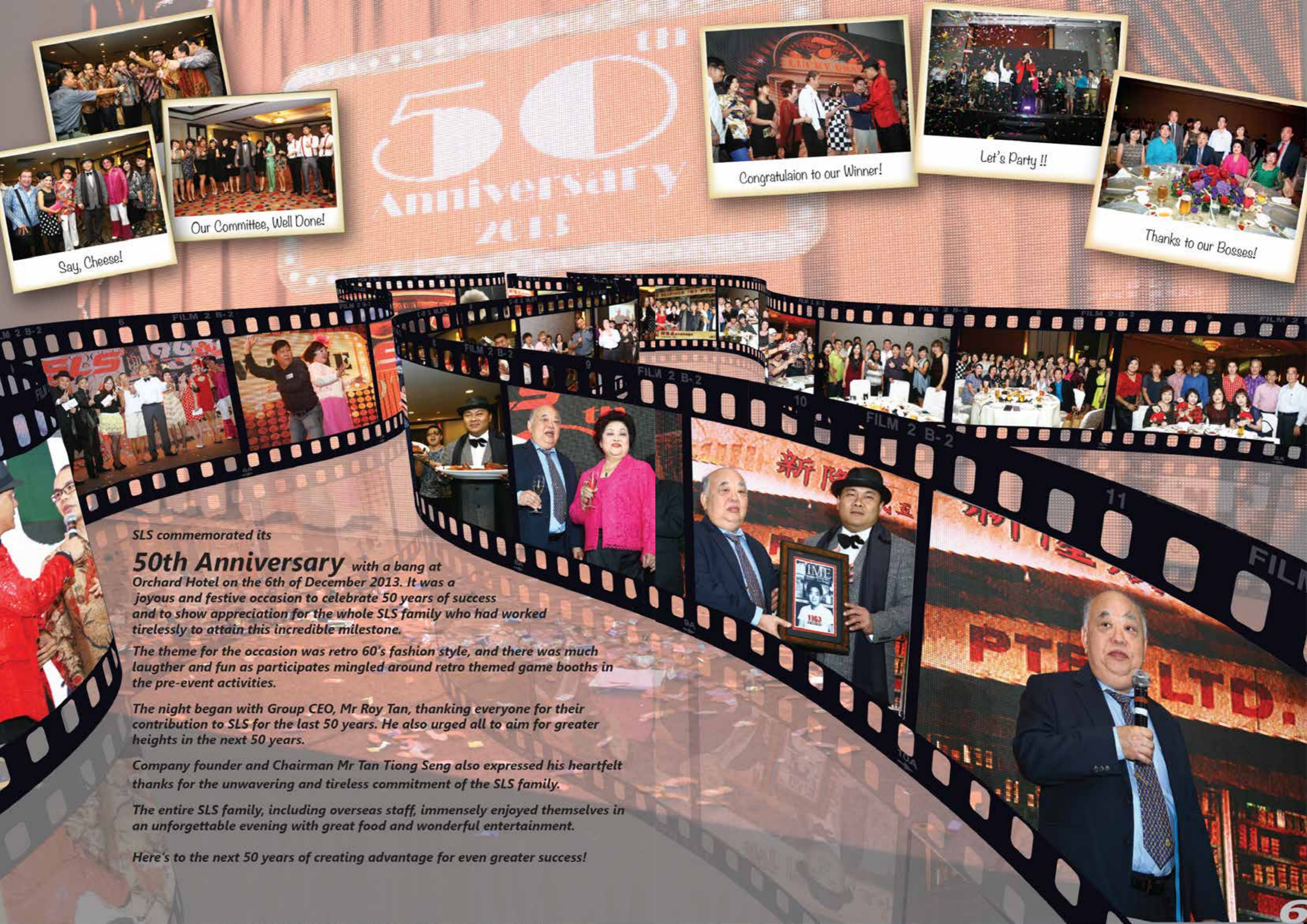


The Power of Knowledge Engineering

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SKF

50th Anniversary 2013



Our Committee, Well Done!



Say, Cheese!



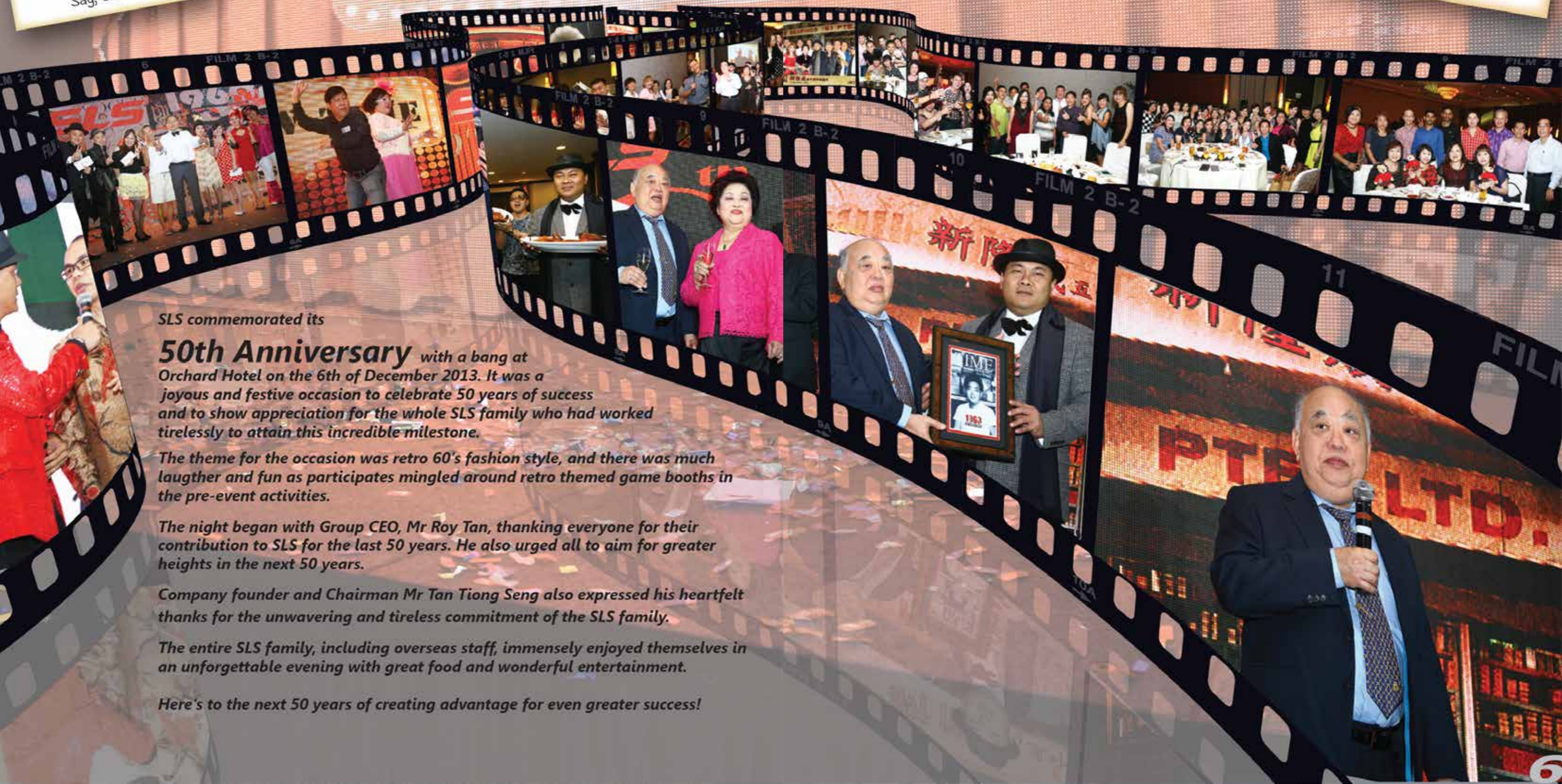
Congratulation to our Winner!



Let's Party !!



Thanks to our Bosses!



SLS commemorated its **50th Anniversary** with a bang at Orchard Hotel on the 6th of December 2013. It was a joyous and festive occasion to celebrate 50 years of success and to show appreciation for the whole SLS family who had worked tirelessly to attain this incredible milestone.

The theme for the occasion was retro 60's fashion style, and there was much laughter and fun as participants mingled around retro themed game booths in the pre-event activities.

The night began with Group CEO, Mr Roy Tan, thanking everyone for their contribution to SLS for the last 50 years. He also urged all to aim for greater heights in the next 50 years.

Company founder and Chairman Mr Tan Tiong Seng also expressed his heartfelt thanks for the unwavering and tireless commitment of the SLS family.

The entire SLS family, including overseas staff, immensely enjoyed themselves in an unforgettable evening with great food and wonderful entertainment.

Here's to the next 50 years of creating advantage for even greater success!



PTE LTD.

Known as one of the Four Asian Tigers, along with Hong Kong, Taiwan and South Korea ;

Singapore has a high-growth and highly developed economy. This is coupled with a relatively stable political system and highly advanced technology.

According to the Doing Business 2014 Report by the World Bank, Singapore is the No. 1 country in the world to do business, due to the ease of setting up a company. It is also known as the 2nd most competitive city in the world, after Switzerland, according to the Global Competitiveness Report 2014-2015 from the World Economic Forum.

The city-state is celebrating its Golden Jubilee (50th year of independence) this year, and in an extension of celebrations, Singapore also hosted the 28th SEA Games.

ECONOMY & INFRASTRUCTURE

Singapore has a high-income, highly developed market economy. The Singapore government has encouraged economic diversification to boost competitiveness, especially regionally in the field of exports and investment.

Some of the new areas being promoted are : biomedical sciences, medical services, financial services and tourism.

The Singapore government also invests in both infrastructure and manpower, helping to lower business costs and increasing attractiveness for foreign investors.

ECONOMIC GROWTH PLANS & FUTURE DIRECTION

The Singapore government has embarked on a drive to

increase productivity, in order to combat the challenges of a sluggish and uncertain global economy and reduced resident workforce growth.

In 2010, the Economic Strategies Committee (ESC) proposed a ten-year target of around 3-5 per cent per annum for GDP growth, along with productivity growth of 2-3 per cent per year.

In the medium term, the Government will continue to focus on raising productivity through increased skills training and lifelong learning. It will also aid businesses to restructure based on a leaner, ageing workforce.

FOREIGN INVESTMENTS

Singapore is a leading party in signing regional free trade agreements (FTAs), which will provide the

country with more influence in Asia. This allows Singapore to have free trade access to most of the ASEAN nations, with a reduction of import duties in Malaysia, Indonesia, Thailand, Cambodia, Vietnam, Laos and the Philippines.

Leveraging on its strategic location and world-class logistics hub and financial centre, Singapore also attracts more than 7,000 MNCs (multinational corporations).

Sources:

"Economic Roles of Government." Ministry of Trade and Industry Singapore. 2012. Web. 21st Jul 2015.

"Rankings – About Singapore." EDB Singapore. Economic Development Board, 2015. Web. 21st Jul 2015.

"Tourism 2015 goals." Ministry of Trade and Industry Singapore. Ministry of Trade and Industry, 2012. Web. 21st Jul 2015.

Singapore





**CREATING ADVANTAGE FOR ONE OF THE
WORLD'S LARGEST OBSERVATION WHEEL
— SINGAPORE**

Customer: *Straco Leisure Pte Ltd (Singapore Flyer)*

Customer type: End user (Tourism)

Introduction :

The Singapore Flyer is the world's largest observation wheel (outside the United States). It stands at a stunning 165m – the height of a 42-storey building. The Flyer consists of 28 units of air-conditioned capsules. Each capsule can carry 28 passengers around one complete rotation of approximately 30 minutes. The capsules are ergonomically designed with full passenger comfort in mind.

Bearings and sealing play essential roles in maintaining the capsule condition. In particular, V-rings are used as an external sealing to protect the internal parts of the capsule.

Customer issue:

The customer experienced seal failure when one of the existing v-ring seals snapped off from the capsule. There was an urgent need to replace the seal to prevent dust and other contaminants from entering the bearing. A faulty seal could lead to premature wearing out of the bearing and affect the safety of the capsule. This would then adversely affect the Flyer's operations.

The customer first checked with OEM (original equipment manufacturer). However, due to the large size of the V-ring, the OEM quoted a high figure for both the V-ring joining and installation work on the site per day.

How SLS creates advantage:

The customer was searching for a more cost-effective solution. They also needed to replace the seal on short notice.

SLS with its partner NOK worked closely to offer a solution according to customer's needs. After careful study of the design, the team proposed to replace the v-ring with Merkel Enviromatic EA seal and clamping device with the aid of Merkel RK 15 Bonding Set tool during installation. This solution could be offered at a much cheaper cost than the OEM.

The team also provided classroom training a few days before product installation to ensure the Flyer's maintenance team would be familiar with the parts and tools. A specialist was also flown in from Germany to supervise the first-time installation work.

Offered product:

NOK Seals and Solution

Customer Benefits:

The customer's benefits were two-fold. Firstly, the solution offered by SLS and NOK was much more effective. Secondly, the new seal offered was of a higher quality (HNBR material). HNBR material is specially built for high resistance to ozone and sunlight.

In addition, this new innovative design with a clamping device would prevent the seal from snapping and twisting. This greatly reduced the likelihood of a similar seal failure.

Through SLS and NOK's value added services. The customer learned how to install and manage the maintenance of the seal in future.





**Philip David-Heuker, Engineering Manager,
Coca-Cola Singapore Beverages Pte Ltd:**

"Our ongoing relationship with SLS started when they went extra mile for us to simplify and create cost savings for our procurement process.

We continue to be impressed by their unwavering support in getting urgent parts to us 7 days a week, 24 hours a day. Their level of customer service is truly unbeatable."

Phillip David - Heuker
Engineering Manager
Coca-Cola Singapore Beverages Pte Ltd



CREATING ADVANTAGE FOR A GLOBAL BEVERAGE LEADER — SINGAPORE

Customer: *Coca-Cola Singapore Beverages Pte Ltd*

Customer issue:

Customer was facing machine break down issues in their bottling plant. They also required certain items on short notice. Without ready stock, this had resulted in production delays in the past.

How SLS creates advantage:

SLS has been working closely to support Coca-Cola since 2011. To resolve the issue of unavailable stock, the SLS domestic team worked hand in hand with the Coca-Cola procurement team to identify their product shortfall and pinpoint their exact needs.

E-catalogues were uploaded to simplify the order process. Learning and knowledge sharing between both parties also occurred all year round, and have deepened and increased over the years.

Through inventory planning and mapping, the SLS team was able to gain greater understanding of customer's critical needs. The team also now supports Coca-Cola during their system changes.

Due to the critical nature of customer's industry, production delay or stoppage resulted in huge costs. The team created value by implementing a system to keep stock for customer re-order. This allowed delivery time to be shortened to within 1 1/2 hours for urgent replacement parts.

The team also lent its technical expertise to diagnose machine breakdowns in the plant. After detailed study and evaluation, they were able to recommend the appropriate parts to replace.

Customer Benefits:

Coca-Cola Singapore was able to improve its procurement process and generate substantial cost savings. Due to SLS's service support and inventory optimisation, they were also able to plan ahead and avoid any downtime due to unavailability of urgent parts. Machine breakdowns have also been minimised and equipment uptime has increased.

REGINA CHAIN

Table Top Chain & Modular Belt



Flitetop® - Table Top Chain Basic Range

- Straight Running Steel Chain & Plastic Chain
- 2 Piece Chain
- LBP Chain
- Side Flexing Steel Chain & Plastic Chain
- Gripper Chain



Matveyor® - Modular Plastic Belt Basic Range

- Light Duty 1/2" Pitch Belt
- Medium Duty 3/4" Pitch Belt
- Heavy Duty 1 1/2" Pitch Belt
- Side Flexing Belt



Accessories

- Sprockets
- Tab Curve Guide
- Tab Curve Guide
- Wear Strip
- Magnetic Curve Guide



Sprockets



Film Gripper Chain

Others

- Pin Oven Chain
- Film Gripper Chain

Benefits and Features

- Country of Origin - Italy
- Ease of Replacement - Exact Dimension replacement to major brands
- Competitive Price - Maximize your profit
- Stock - Abundant of stock in various countries
- Consultation - For expansion and extension or new design

Authorised Distributor:



Strategised for your success

SLS Group creates advantage in 66 industries

For over 50 years, SLS Group has been playing a vital role in keeping things moving. Through distribution of industrial components, SLS creates advantage for a broad range of industries daily.

Group CEO of SLS, Roy Tan, explains:

"Our focus is on satisfying demand, influencing demand and creating demand. This focus has enabled us to develop our presence in 66 different industries."

Currently, SLS service 66 industries across a diversified range of products. These industries stretch from heavy industries such as construction, oil and gas, cement, steel, paper, mining and marine; to light industries like automotive, tobacco and food & beverage.

About SLS

With over 50 years of experience, SLS is a leading business enhancement solutions company with a focus on creating competitive advantage for our customers and partners. From our early roots as a distributor of ball bearings, SLS has grown exponentially.

Today, we distribute an unmatched range of mechanical components, systems and solutions, inclusive of bearings, power transmission products, gear motors and many others. We also provide a range of fully integrated and specialised services and support to our clientele across 5 countries.



Wider Network, Closer to You

Having a wider network enables us to understand customers' concern, so as to provide solutions to all our customers. With our extensive strategic network, SLS is able to serve 25,000 MRO customers.

This strategic network consists of over 40 branches located in 5 countries: Singapore, Malaysia, Indonesia, China and Mongolia.

In addition, our broad expertise in diversified industries enables us to understand the industry drivers and specific needs that our customers face.

Today, SLS has grown to be **Asia's #1 Mechanical Component Distributor.**

With an active base of over 25,000 customers, we pride ourselves as a reliable strategic partner in creating advantage for our clients' businesses.

Group CEO Roy describes the SLS strategy:

"It is our commitment to serve and create advantage, so that when our customers grow, we will grow together with them."

We hope to reach greater heights with your company and create even greater advantage for our success.






Martin Offers you the

TOTAL PACKAGE

POWER TRANSMISSION STOCK & MTO

SPROCKETS • GEARS • SHEAVES
BUSHINGS • COUPLINGS
SYNCHRONOUS SPROCKETS
TIMING PULLEYS

PARTS & SYSTEMS FOR MATERIAL HANDLING

BUCKET ELEVATORS
SCREW CONVEYORS • SHAFTLESS SCREWS
DRAG CONVEYORS

HEAVY DUTY CONVEYOR PULLEYS


DRUM • WING
QUARRY DUTY • STANDARD DUTY
ENGINEERING CLASS

INDUSTRIAL HAND TOOLS

CONTRACTOR TOOLS
HYDRAULIC TOOLS
MECHANIC TOOLS
BODY & FENDER TOOLS








Over the years, **Martin** has proven to be easy to do business with, and **Martin's** philosophy of providing quality products, exceptional inventories and service "second to none" has proved to be a successful and innovative combination. As a result of this philosophy, **Martin** has grown to be a world-class leader in the industrial marketplace.

Every **Martin** plant has complete inventories of the entire product line. And, every plant has the ability to manufacture or custom alter parts with complete machining. Finished product can be staged locally for release per customer schedule.





POWERED BY OPTIBELT



POWER TRANSMISSION



MATERIAL HANDLING

AUTOMOTIVE TECHNOLOGY



ELASTOMER SOLUTIONS



People Excellence

At SLS, we understand that the nuts and bolts of success depends greatly on our people.

Developing talents is a core philosophy at SLS.

SLS values individuals and understands the importance of people development. To underline this, the company has undertaken a people development journey. This has challenged us to strengthen our system and processes for continuous learning.

SLS strives towards a customer-centric culture which requires a high degree of competency and teamwork. We believe customer satisfaction is cultivated through people excellence. With this key aim in mind, SLS Academy was established.

SLS Academy is an initiative to enable our employees to grow their competency and in-depth skills to support our customers' needs. Through training, workshops and seminars, our people are able to develop and expand their on-the-job skills and knowledge.

As a result of our people development journey, SLS is able to build a system for high performers to grow and lead through career development opportunities. These opportunities serve to both motivate individuals as well as align their individual goals to corporate success.

Through people development, our people are able to deliver an outstanding customer experience. This creates greater advantage not only for the success of our customers, but also SLS.

THE PEOPLE FACTOR

Creating Advantage for our customers through People Development



People Developer

SLS Bearings (S) Pte Ltd, the Headquarters, is certified with Singapore People Developer Standard since 2003. It is conferred by SPRING Singapore as an recognition to organizations that invest in their people and have a comprehensive system to manage the continuous development of their people.





Malaysia, a fast growing economy in Asia, has grown from an agriculture-based economy and raw materials producer in the 1970s into a developing multi-sector economy.

The current administration under Prime Minister Najib is planning to attain high-income status for Malaysia by 2020, as well as move further up the value-added production chain by inviting investments in Islamic finance, high tech industries, services and biotechnology.

Bank Negara Malaysia, the central bank of Malaysia, holds adequate foreign exchange reserves, and a well-established regulatory regime has shielded Malaysia somewhat from the global financial crisis as well as risky financial instruments.

ECONOMY & INFRASTRUCTURE

The economy of Malaysia is the third largest in

Southeast Asia, after Indonesia and Thailand.

Due to its strategic position to the Strait of Malacca, international trade makes up a substantial portion of the Malaysian economy. The country also has rich natural resources in agriculture, forestry and minerals, among which include palm oil, natural rubber, tin, timber and petroleum.

Malaysia also possesses ample oil and gas reserves, which contributes significantly to the country's energy production. However, the fall in oil prices since the second half of 2014 has hurt this sector considerably. Other industries include tourism, construction, electronics and automotive. Malaysia is also the world's largest Islamic banking and financial centre.

Malaysia's infrastructure is also one of the most developed in the region, with its telecommunications network second only to Singapore in ASEAN. The country also has seven international ports and a comprehensive transport network.

GROWTH PLANS & FUTURE DIRECTION

Launched in 2010, the Economic Transformation Programme (ETP) is a government project to fast-track the country's economic growth.

As part of Malaysia's National Transformation Programme, the ETP aims to raise the country to developed-nation status by 2020, with a target GNI per capita of US\$15,000. More specifically, the project is aiming to attract US\$444 billion in investment which will then help create a projected 3.3 million new jobs.

In addition, the government has also made moves to liberalise some sub-sectors in services.

FOREIGN INVESTMENTS

The Malaysian Investment Development Authority

(MIDA) is the Malaysian government's principal agency to execute the nation's investment goals for 2020.

The MIDA has been actively wooing foreign investors with large-scale projects in specific corridors and regions, like Iskandar Malaysia, the East Coast Economic Region, and as an Islamic Financial Center in Kuala Lumpur.

The well-developed infrastructure and conducive, business-friendly environment has also attracted more than 5,000 foreign companies from over 40 countries to set up operations in Malaysia.

Sources :

"Malaysia." The World Factbook, n.d. Web 7th Jul 2015.

"Overview of ETP." Economic Transformation Programme. Performance Management & Delivery Unit (PEMANDU), 2013. Web. 7th Jul 2015.

"Why Malaysia." MIDA - Malaysia Investment Development Authority, Malaysian Investment Development Authority (MIDA), 2015. Web, 7th Jul 2015.



CREATING ADVANTAGE USING MAPRO VAN — WEST MALAYSIA

MAPRO VAN VISITS

To reinforce the SLS commitment to creating advantage for customers' success, the West Malaysia team launched a new initiative in 2014, the SLS MAPRO van.

The SLS MAPRO van commenced its interactive expedition in West Malaysia in June 2014. It has made a total of 27 visits so far and covered many states across Peninsular Malaysia.

The MAPRO van appeals to Engineers, Supervisors and Technicians, as well as Maintenance Managers.

Products displayed in the MAPRO van include SKF Mechanical Tools, Condition Monitoring Tools and other related MAPRO items.

Customers are able to learn more through actual interaction with the products and demonstrations in the comfort of their own premises. The dedicated SLS team spends approximately two interactive hours on each visit, engaging small groups of 10-15 people.

Result:

The MAPRO van has proven to be a great way to build rapport with the right people and get involved in closed-group Q&A sessions. The team also learned new ways to create value-added services that can be customised. This helps to enhance product knowledge to end users. The team also received approximately 7 order confirmations out of every 10 customers visited.

Feedback received from this initiative has been positive. Participants have described this as "impressive" and "surprising" regarding SLS's effort to reach out to end users.



CREATING ADVANTAGE BY USING COST REDUCTION INITIATIVE — EAST MALAYSIA

Customer: *CMS Clinker Sdn Bhd (Sarawak)*

The Problem:

Customer's 40" conveyor belt snapped on a Saturday morning. They needed 250 meters belt length urgently.

How SLS created advantage:

The customer contacted SLS's experienced sales team and conveyed their urgency.

Due to SLS's comprehensive stock range, the team was able to offer up to 300 meters ex-stock, which was more than sufficient for customer's needs.

The team supplied the belt to customer's site within hours of customer's request.

SLS's splicing team then worked 24 hours round-the-clock to pull up the belt and joint for customer.

Offered product:

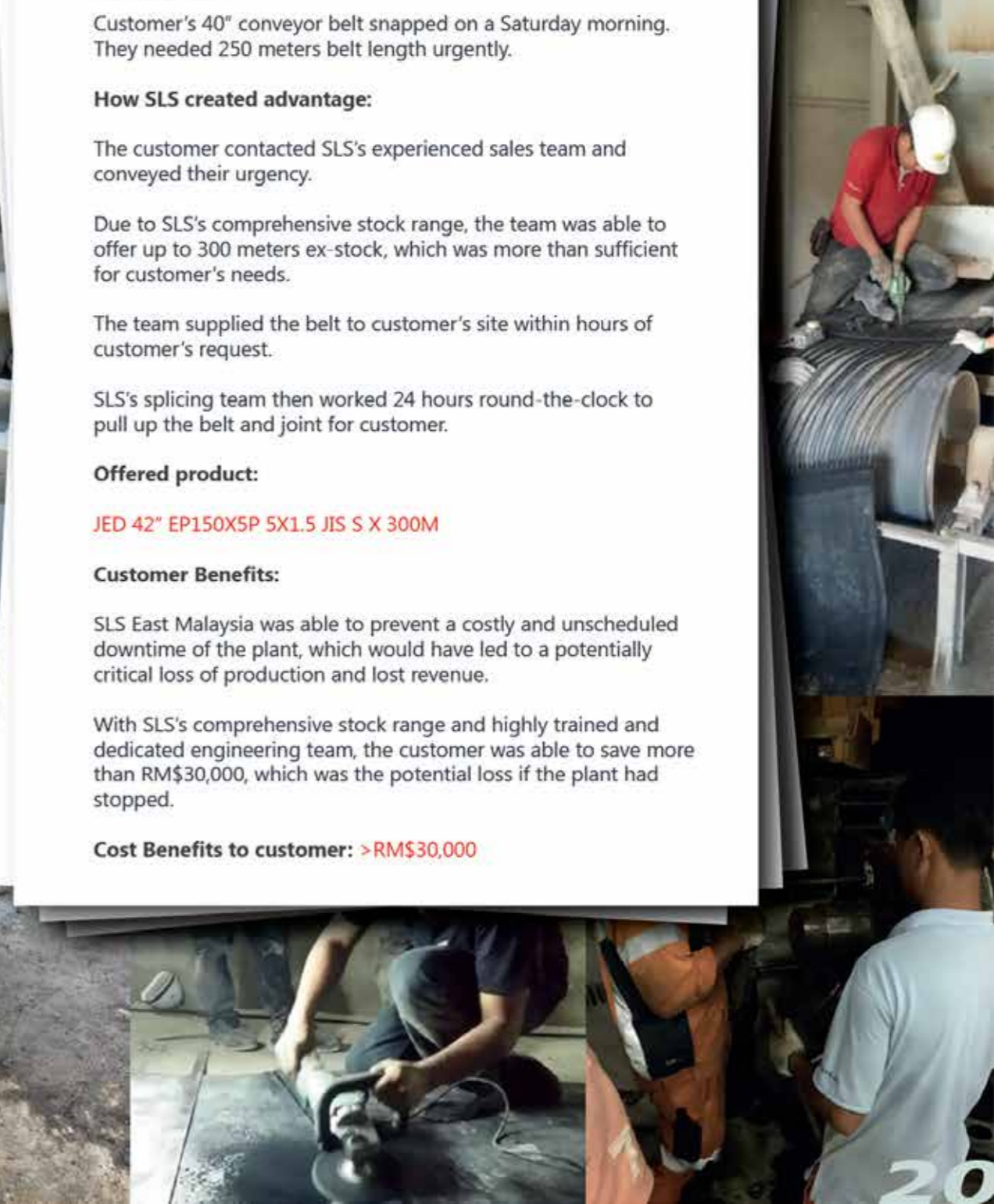
JED 42" EP150X5P 5X1.5 JIS S X 300M

Customer Benefits:

SLS East Malaysia was able to prevent a costly and unscheduled downtime of the plant, which would have led to a potentially critical loss of production and lost revenue.

With SLS's comprehensive stock range and highly trained and dedicated engineering team, the customer was able to save more than RM\$30,000, which was the potential loss if the plant had stopped.

Cost Benefits to customer: >RM\$30,000





Central Engineering (Pte) Ltd is a Stockist and Manufacturer for Fasteners and related engineering products, specialising in:

- G8.8 / G10.9 / G12.9 HEX HEAD BOLTS / NUTS
- SS304/SS316 HEX HEAD BOLTS AND NUTS
- G8.8 / G10.9 / SS304 / SS316 / A193 B7 / A193 B8 / A193 B8M / A320 L7 THREADED RODS / STUD BOLTS AS PER DIN / ANSI / ASTM STANDARDS
- G8.8 / G10.9 / G12.9 SOCKET SCREWS
- Fabrication of OEM / non standard fasteners

The company now services the growing needs for fasteners across the region. With its extensive range of fasteners and a distribution network across Malaysia, the company has continually been able to gain the confidence and support of many companies across various industries.



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46050 Petaling Jaya, Selangor
Tel: (603) 7788 3555

enquiry@slsbnn.com



Run cooler. Run longer.



SKF Energy Efficient deep groove ball bearings are optimized for the job.



As part of the SKF EnCompass Field Performance Programme, SKF Energy Efficient (E2) deep groove ball bearings have been optimized to reduce friction and run cooler. This extends grease life and service life, all while reducing energy use – and total cost of ownership. For more information about SKF Energy Efficient deep groove ball bearings and the SKF EnCompass Field Performance Programme, visit skf.com/dgbb.

The Power of Knowledge Engineering

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** SKF EnCompass is a trademark of the SKF Group

SKF®

Indonesia, the largest and most populated country in South East Asia, also makes up the largest economy in the region. The country is a member of the G20 group, which is an international forum comprising the governments of 20 major world economies.

Indonesia is rich in natural resources, however, its vast archipelago consisting of more than 5,000 inhabited islands makes governing difficult. The country has experienced a slowdown in growth since 2012, mainly because of the end of the commodities export boom.

However, it did recover its investment grade rating from Fitch's and Moody's in 2011, having previously lost it as a result of the Asian Financial Crisis.

ECONOMY & INFRASTRUCTURE

Indonesia has branched out from being mainly a raw materials supplier to also an export-oriented manufacturing economy. Products manufactured include textiles, clothing, building and construction materials, rubber tires, electronics, wood processing and chemical fertilisers.

Indonesia also possesses great reserves of crude oil and natural gas, which used to be a primary source of export revenue. However, overall production has decreased, and currently, production is more for domestic use as compared to the 90s.

Based on natural resource potential, Indonesia is also one of the world's richest. The country also has vast rain forests and is a major exporter of timber. In addition, agriculture contributes around 13% of GDP, with rubber a key plantation crop.

Infrastructure in Indonesia is still inadequate in both quality and quantity. Some examples of poor infrastructure are damaged roads, frequent traffic jams and periodic blackouts.

GROWTH PLANS & FUTURE DIRECTION

The Indonesian government unveiled a new masterplan in 2011, known as the MP3EI, or Masterplan for Acceleration and Expansion of Indonesia's Economic Development. It aims to attract increased investment particularly in infrastructure projects throughout Indonesia, as well as to fast-track the goal of becoming a developed country.

Through this plan, Indonesia plans to attain per capita income of USD\$14,250-\$15,500 and total GDP of USD\$4.0-4.5 trillion by 2025.

FOREIGN INVESTMENTS

Effort is currently being put in to improve Indonesia's business and investment environment. In the 2015 World Bank Doing Business survey, Indonesia ranked 114 out of 189 economies, well below the rank of regional peers. An

Indonesia



unfavourable business climate persists due to complex regulations, bureaucracy and widespread corruption. However, foreign direct investment (FDI) has continued to grow despite the conditions. Inbound FDI was registered at 228.3 trillion rupiah in the first 3 quarters of 2014, up 14.6% year-on-year.

Sources:

"Indonesia." The World Factbook, n.d. Web. 21st Jul 2015.

"Indonesia: Economy." Infoplease. Sandbox Networks, Inc., 2015. Web. 21st Jul 2015.

"Masterplan for Acceleration and Expansion of Indonesia's Economic Development (MP3EI)." & "Infrastructure Development in Indonesia – Analysis." Indonesia-Investments. Van der Schaar Investments B.V. Delft The Netherlands, n.d. Web 21st Jul 2015.

"Foreign Investment in Indonesia in 2015, FDI." Global Business Guide Indonesia. GBG, 2015. Web 21st Jul 2015.




CREATING ADVANTAGE BY PROVIDING THE RIGHT SOLUTION — INDONESIA

Customer: *PT. Vale Indonesia Tbk.*

Customer type: End user (Mining)

Application: Vibrating screen

Customer issue:

Customer suffered premature bearing failure and screen wall was very dirty with grease.

How SLS created advantage:

The customer contacted SLS to solve the problem. SLS engineers did bearing failure analysis and grease analysis using SKF TKG1. This tool is to check visual, consistency, oil bleeding & contamination of grease. The SLS team concluded that the root cause of the problem was inadequate lubrication.

The previous lubricant type Mobil XHP 222 was unsuitable for the vibrating application. The used grease was very fluid, which indicated the grease had poor mechanical stability and could not keep base oil into its structure due to vibration. Grease was also bleeding out to the screen wall and high temperatures were detected in the bearing.

The SLS team also found that the bearing was under greased as customer was still practicing manual greasing.

SLS engineers recommended the customer to replace Mobil XHP 222 with SKF grease LGHB 2, which has EP properties and high viscosity oil. They also recommended installing SKF Multipoint Automatic Lubricator LAGD 1000 series for vibrating screen and SKF System 24 TLSD for electric motor.

Overcoming challenges:

It proved a big challenge to install automatic lubrication on the vibrating screen as the lubrication point was not steady. This was an installation that had never been previously attempted.

However, with strong commitment to customer's success and good teamwork, the team successfully installed the automatic lubrication system. The team also followed up closely on technical issues after installation, persisting for three months to resolve issues that arose. Presently, the system is running smoothly.

Customer Benefits:

Customer was able to increase bearing life time, reduce grease consumption, eliminate unplanned shutdown and keep the screen wall clean. As a further value-add to customer, SLS engineers created a check list and reported monthly updates to customer.

Ultimately, customer was also able to achieve huge cost savings through zero production losses.

Before		After	
Bearing	22332.CCJAW33VA405-SKF	Bearing	22332.CCJAW33VA405-SKF
Life time	8,760 working hours	Life time	17,520 working hours
Grease	Mobil XHP 222	Grease	SKF LGHB 2
Yearly bearing, grease & man power expenses			
4ea bearing S/Bar x USD 2,472	= USD 9,888	No replacement bearing	
4drum Mobil XHP 222 x USD 1,000	= USD 4,000	2drum SKF LGHB 2 X USD 1,500	= USD 3,000
2 Man power charges x 8hrs x USD 4/hrs	= USD 64	No man power charges	
	USD 13,952/year		USD 3,000/year
Downtime			
1 stop x 8 hrs x USD 30,641/hrs	= USD 245,128	No production losses	
(production losses)			
Customer savings USD 256,080/year			

Sales Award May 2015

As a direct result of the team's commitment and perseverance in servicing the customer PT Vale, SLS Sorowako was awarded the "Sales Award May 2015" by SKF. The total order for SKF Lubrication Products was USD \$26,000. This also marked the first time SKF Lubrication was installed in a vibrating screen application in Indonesia.

Currently, the automatic lubrication system is operating smoothly and customer has placed order for other equipment. The SLS Sorowako team is continuing to follow up closely, as well as working on new areas to broaden their support for customer.



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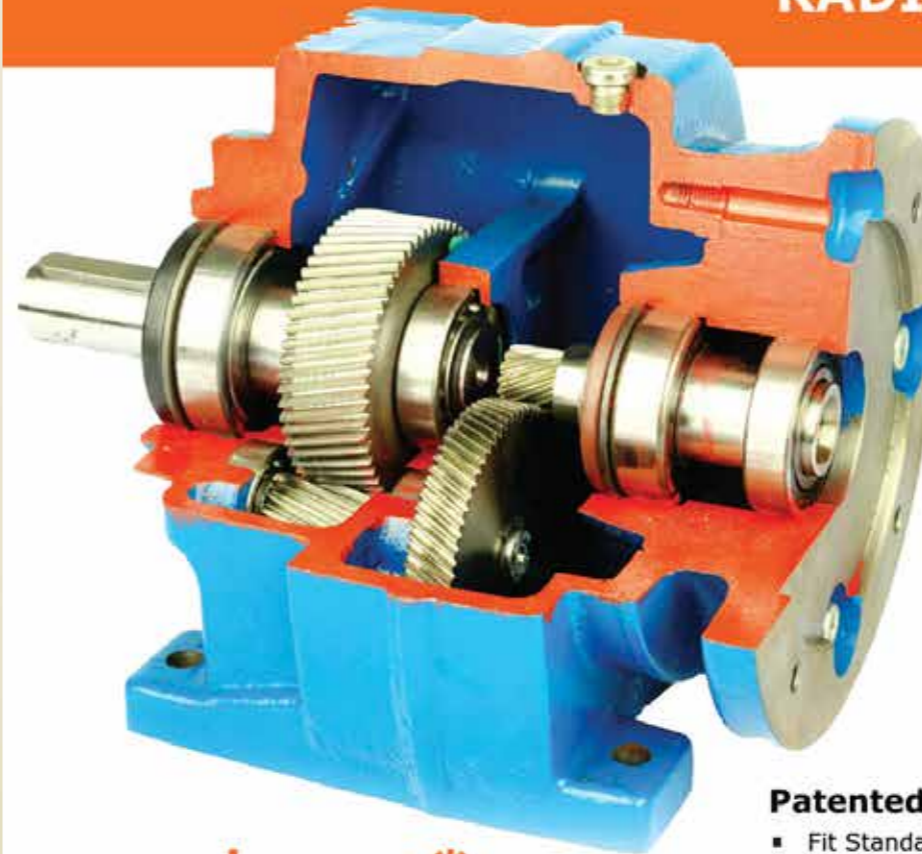
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China



China's economy has transformed from a closed, centrally planned system in the late 1970s to a market-oriented system that exerts direct influence globally. As of 2010, China is the world's largest exporter of goods.

The dollar values of China's agricultural and industrial output each exceed those of the US. China is also second to the US in the value of services it produces. However, per capita income is still below the world average.

In the long term, potential growth is expected to slow to about 7.1% over the coming decade due to the rebalancing of the Chinese economy.

ECONOMY & INFRASTRUCTURE

Since 1978, China's economy has developed at an astonishing rate, with years of intensive and successful

reform thrusting it alongside major Western economies and establishing it as one of the world's major economic powers.

Reforms began with the phasing out of collectivised agriculture and has since broadened to include opening up to foreign trade, development of the private sector, establishment and growth of stock markets, and creation of an advanced banking system.

Since the economic reforms, China has grown to become the world's manufacturing hub, and is currently the largest manufacturing economy in the world. The country has progressed from low-wage sectors like garments and footwear to increasingly sophisticated equipment like PCs, mobile phones, automobiles and pharmaceuticals.

Agriculture is also a mainstay of the economy. Globally, China is the largest producer and consumer of agricultural products. Approximately 300 million farm workers are in

the agriculture industry. Crops produced include rice, wheat, corn, tobacco, soybeans, potatoes and tea. Infrastructure in China is also a high priority for the government. -From the late 90s to 2005, around 100 million citizens benefitted from power and telecommunications upgrades.

GROWTH PLANS & FUTURE DIRECTION

China's economic planning is dictated by its five-year plans, which are a series of economic and social development initiatives.

In the Twelfth Five-Year Guideline, which spans from 2011-2015, the government plans to address rising inequality and rebalance its economy. Efforts are being made to increase domestic consumption and improve social infrastructure as well as balance the

distribution of wealth equally.

FOREIGN INVESTMENTS

According to official government statistics, newly approved foreign-invested enterprises totaled 3,831 from January to February 2015, up by 38.6% year-on-year. Foreign direct investment in the first half of 2015 also increased 8.3% year-on-year compared to the previous year. Investment in the services sector also rose by 23.6%.

Sources :

"China." The World Factbook, n.d. Web. 28th Jul 2015.

Yougang Chen, Stefan Matzinger and Jonathan Woetzel. "Chinese infrastructure : The big picture." McKinsey & Company, June 2013. Web. 28th Jul 2015.

"Statistic of FDI in China in Jan-Feb 2015." Ministry of Commerce Website. Web 28th Jul 2015



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Customer type: End User

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2 Types of *SLSpro* services :

- 1) Reliability Services
- 2) Mechanical Services

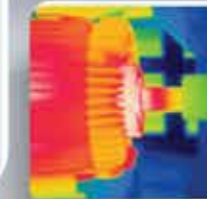
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SLSpro Creates Advantage for Customer's Success through:

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Mechanical Services:

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Mongolia



Traditionally, **Mongolia's** economy has depended mainly on agriculture and herding / livestock. However, over the past decade, Mongolia has discovered vast mineral deposits, among which include copper, gold, coal, tin and tungsten. This has created an unprecedented boom in mining as an industry.

In the past, Mongolia's economy had depended significantly on Soviet assistance, which at its peak, made up for almost 1/3 of GDP. Hence, the collapse of the Soviet Union in 1991, along with internal political inactivity and natural disasters, resulted in deep recession during the next decade.

However, the last decade has seen strong economic growth, boosted by market reforms and widespread privatisation of the formerly state-run economy.

ECONOMY & INFRASTRUCTURE

According to CEE Bankwatch, Mongolia is one of the fastest growing economies in the world. Much of this growth can be attributed to mining.

The Gross Domestic Product (GDP) in Mongolia expanded 4.4% in the first quarter of 2015 compared to the same quarter in 2014. GDP growth has been averaging around 5.85% from 1991 to 2014.

Mongolia's service sector makes the largest contribution to GDP with 48%. However, the rapid growth of industry, particularly in the capital Ulan Bator, now contributes 37% of total output. Agriculture comprises the remaining 15% of total GDP.

Outside of Ulan Bator, Mongolia is still a mostly rural country, with vast spaces between provinces. Roughly only about 10% of roads are paved, and the majority of transportation runs to and from the capital. Infrastructure beyond Ulan Bator remains relatively underdeveloped.

GROWTH PLANS & FUTURE DIRECTION

The Parliament of Mongolia approved the Comprehensive National Development Strategy in 2008. This document charts a 14-year development path for the country.

The first phase (2007-2015) is targeted towards achieving the Millennium Development Goals and continued development of the market economy. The second phase (2016 to 2021) will be concentrated on transitioning to a knowledge-based economy.

The World Bank has committed to help Mongolia manage their mining economy and build sustainable solutions for economic growth in both rural and urban areas.

FOREIGN INVESTMENTS

The discovery of extensive mineral deposits in Mongolia in the 90s, and subsequent rapid growth in mining-sector activities, have directly led to a previously unmatched level of foreign direct investment (FDI).

In 2009, the Mongolia government passed legislation allowing work on the Oyu Tolgoi mine. The copper and gold ore project is the largest financial project in the country's history. When completed, the mine is expected to contribute up to 30% of the country's GDP.

Sources :

"Mongolia." The World Factbook, n.d. Web. 22nd Jul 2015.

"Mongolia GDP Annual Growth Rate." Trading Economics. Trading Economics, 2015. Web. 22nd Jul 2015.

"Infographic: Growth, poverty and mining in Mongolia." CEE Bankwatch Network. CEE Bankwatch, March 2015. Web. 22nd Jul 2015.

"Mongolia Overview." The World Bank. The World Bank Group, 2015. Web. 22nd Jul 2015.

COUNTRY ATTRACTION

Singapore



The Merlion

The Merlion is an instantly recognisable icon of Singapore and arguably the most popular attraction on the island.

It has become known as an emblem and a national marketing icon of Singapore.

A creature with the head of a lion and the body of a fish, the Merlion also spurts a fountain of water into the scenic Marina Bay. It is located in Merlion Park at One Fullerton near the Marina Bay waterfront.

During the day, crowds of tourists can be seen thronging this 8.7-metre tall, 70-tonne concrete figure, eager for a coveted photo opportunity. At night, the Merlion stands out even more against the glittering cityscape.

Sources:

Gibson, Will. "10 Best Attractions in Singapore—Singapore Must-see Attractions". Singapore-Guide.com. Asia Web Direct, 2015. Web. 4th Aug, 2015.
Wonder Full—Entertainment-Marina Bay Sands. Marina Bay Sands, 2015. Web. 31st July, 2015.

Hainanese Chicken Rice

An all-time popular favourite, Hainanese chicken rice is so well-loved it is considered a national dish of Singapore.

This simple dish consists of steamed chicken served with flavoured oily rice. A separate chicken stock is used for the chicken and the rice preparation.

Other extra ingredients usually include braised dark hard boiled eggs, tofu or chicken liver. Both white (steamed) or roasted chicken is available at most eateries.



Chili Crab

Another hot favourite is chili crab. Contrary to its name, chili crab is not very spicy. The crabs used are normally hard-shell mud crabs, cooked in semi-thick, sweet and savoury tomato and chili-based gravy.

Most restaurants also serve buns which can be used to soak up the flavourful gravy. It is also traditional to eat with bare hands in order to fully savour the juicy crab meat.



Sources:

Mykura, Claire. "10 Best Singapore Dishes—What to Eat in Singapore". Singapore-Guide.com. Asia Web Direct, 2015. Web. 4th Aug, 2015.

Laksa

Considered a mix of Chinese and Malay cuisine, laksa is rice noodles or vermicelli served in spicy coconut curry soup. A common version in Singapore is katong laksa, which features cut-up noodles. Common ingredients included are shrimp, fish cake, chicken, egg and tofu (beancurd) puffs. Cockles are also sometimes added.



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Marina Bay

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The highlight of the area is undoubtedly the S\$5.5 billion Marina Bay Sands complex, which includes a casino, an integrated resort, and various other shopping, dining and entertainment options.

Visitors arriving at 8pm will also get to witness a spectacular light and water show, branded as the largest in Southeast Asia.

COUNTRY ATTRACTION

Malaysia



Mount Kinabalu

The highest mountain in Malaysia, Mount Kinabalu is located in Sabah in East Malaysia. With a summit height of 4,095 meters (13,435 feet), Mount Kinabalu is the 20th most prominent mountain in the world according to topographic prominence.

Mt Kinabalu is globally known for its vast botanical and biological species biodiversity. Altogether, there has been over 600 species of ferns, 326 species of birds and 100 mammalian species identified at the mountain and its surrounding areas.

The climb up the main peak, Low's Peak, can easily be done by a person of relatively good physical condition. However, guides must accompany climbers at all times.



Twin Towers

Located in the capital Kuala Lumpur, the Petronas Twin Towers are the tallest twin buildings in the world. The 88-storey towers are constructed mainly from reinforced concrete. The exterior consists of a steel and glass facade which is specially designed to reflect motifs found in Islamic art.

A sky bridge, the world's highest two-storey bridge, also links both towers on the 41st and 42nd floors.

At the foot of the towers is Suria KLCC, a 140,000 sq. m upmarket retail centre which features many high-end labels and luxury items. Other attractions include an underwater aquarium, an art gallery, and a philharmonic theatre.

Sources:
10 Top Tourist Attractions in Malaysia. Touropia.com, 2015. Web. 25th Aug, 2015.

Nasi Lemak

"Nasi lemak" literally translates to "rich in cream" and originates from its cooking style, where the rice is cooked in coconut milk and flavoured with pandan leaf to add a fragrant aroma.

The traditional Malaysian version consists of ingredients like boiled egg, peanuts, ikan bilis (anchovies) and sambal. Some stalls also serve them with sambal fish, chicken, fried egg or beef rendang.

It is so well-loved that it is considered the national dish of Malaysia and can be eaten for breakfast, lunch, dinner and even supper.



Sources:
10 Best Malaysian Foods. Migrationology.com, 2015. Web. 29th Jul, 2015.



Hokkien Char Mee

Hokkien char mee (hokkien fried noodles) is another Malaysian favourite.

Served in Kuala Lumpur and the surrounding region, hokkien char mee is a dish of thick yellow noodles braised in thick dark soy sauce and garnished with crispy fried pork fat cubes, fish cake, squid and cabbage.

The best version of hokkien char mee is usually the version cooked over a raging charcoal flame.

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COUNTRY ATTRACTION



Borobudur is a famous 9th-century temple in Central Java. It is the world's largest Buddhist temple and a UNESCO Heritage site. The temple is made up of nine stacked platforms and a central dome, along with 2,672 relief panels and 504 Buddha statues.

The various one-of-a-kind structures and carvings make Borobudur stand out from other Buddhist temples in Asia. As such, this temple is Indonesia's most visited tourist attraction.

Indonesia



Mount Bromo

Located in East Java, Mount Bromo is one of the most famous active volcanoes in Indonesia. It is part of the Tengger massif in East Java and considered one of the world's most active volcanoes, periodically spewing white smoke.

The mountain constantly attracts travellers from all over the world. Many awake in the wee hours to hike to the summit, in time to catch the splendid panoramic view at sunrise.

Sources: Ooi, Rachel. "Top 10 Tourist Attractions in Indonesia". Allindonesiatravel.com. Indonesia Travel Guide, 2015. Web. 5th Aug, 2015.

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Rendang

Another hugely popular dish in Indonesia is rendang, which is a dry beef stew. Originating from West Sumatra, rendang consists of meat, usually beef, cooked till dry in coconut milk and mixed ground spices. This special method of preparation enables the meat to absorb its condiments, which gives it its complex and unique flavour.

Sources: Ooi, Rachel. "Top 10 Indonesian Food You Must Eat". Allindonesiatravel.com. Indonesia Travel Guide, 2015. Web. 5th Aug, 2015.

Soto Mie

Soto mie is the Indonesian variant of the spicy noodle soup dish that can also be found in Malaysia and Singapore.

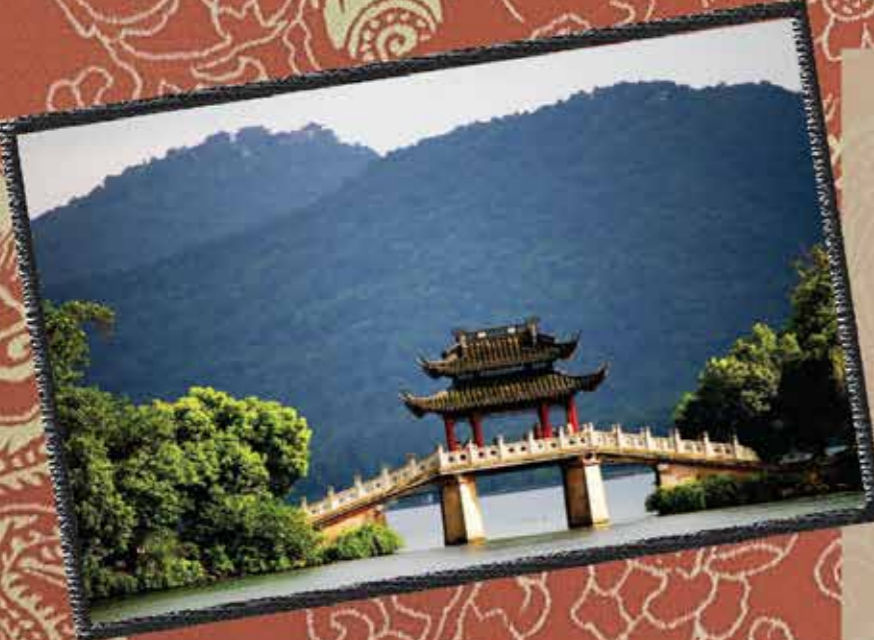
The most popular version of soto mie comes from West Java. This dish is made of beef or chicken with noodle and soup, and slices of risole (fried spring rolls), tomato, celery or cabbage.



The Great Wall of China

One of the most remarkable sites in China and indeed the world, is the Great Wall. First constructed in the 7th century BC by the emperor of China, Qin Shi Huang, the Great Wall was meant to protect the ancient Chinese kingdom from the raids of nomadic invaders. The wall stretches for 4,000 miles long and across 8 provinces in Northern China.

Some of the most breathtaking scenery can be seen where the wall climbs extremely steep slopes in Jinshanling. Here, the wall winds along rugged territory and lofty mountains, providing a picturesque and striking view.



Hangzhou

Another notable attraction is the lovely city of Hangzhou, renowned in China for its magnificent natural beauty.

The capital of Zhejiang, Hangzhou is located approximately 180km southwest of Shanghai, and is one of the smallest but most prosperous province in China.

The main attraction is the West Lake (or Xihu), a large freshwater lake which is also a UNESCO World Heritage site. The scenery around the lake includes rolling hills, beautiful small gardens, historical pagodas and other historic cultural sites.



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Peking Duck (Beijing Duck)

A renowned cuisine globally, Peking Duck is a must-try cuisine in China. There are many variations but the original and best version is undoubtedly in Beijing.

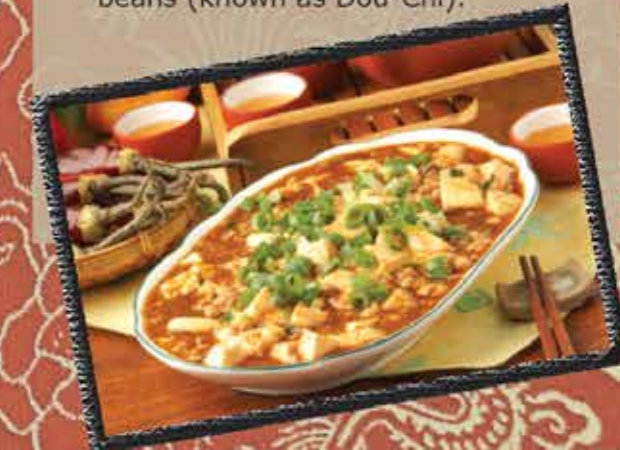
Arguably the highlight is the skin of the duck. This is cooked till crispy and thin, lined with a thin layer melt-in-your-mouth fat. The skin is eaten along with thin pancakes and some sweet bean sauce. The remaining meat is usually served as a stir fry, and the bones used to make soup.



Mapo Tofu

Ma po tofu is a famous spicy dish in Sichuan province. The word "ma" may either refer to its legendary origin or the taste of the dish.

Authentic ma po tofu consists of small tofu cubes sprinkled with minced pork or beef and decorated with chopped green onions. Two essential condiments included are broad bean paste (or doubanjiang in Mandarin) and black fermented soy beans (known as Dou-Chi).



Sources:
"China Tourist Traps—China Sights". World66.com, n.p., 2015. Web. 6th Aug, 2015.

Sources:
"Beijing Made Easy—Chinese Food—Beijing Duck". Beijingmadeeasy.com. Beijing Made Easy, 2015. Web. 6th Aug, 2015.
Luo, Elaine. "China Sichuan Food". Chinasichuanfood.com. n.p., 2015. Web. 6th Aug, 2015.

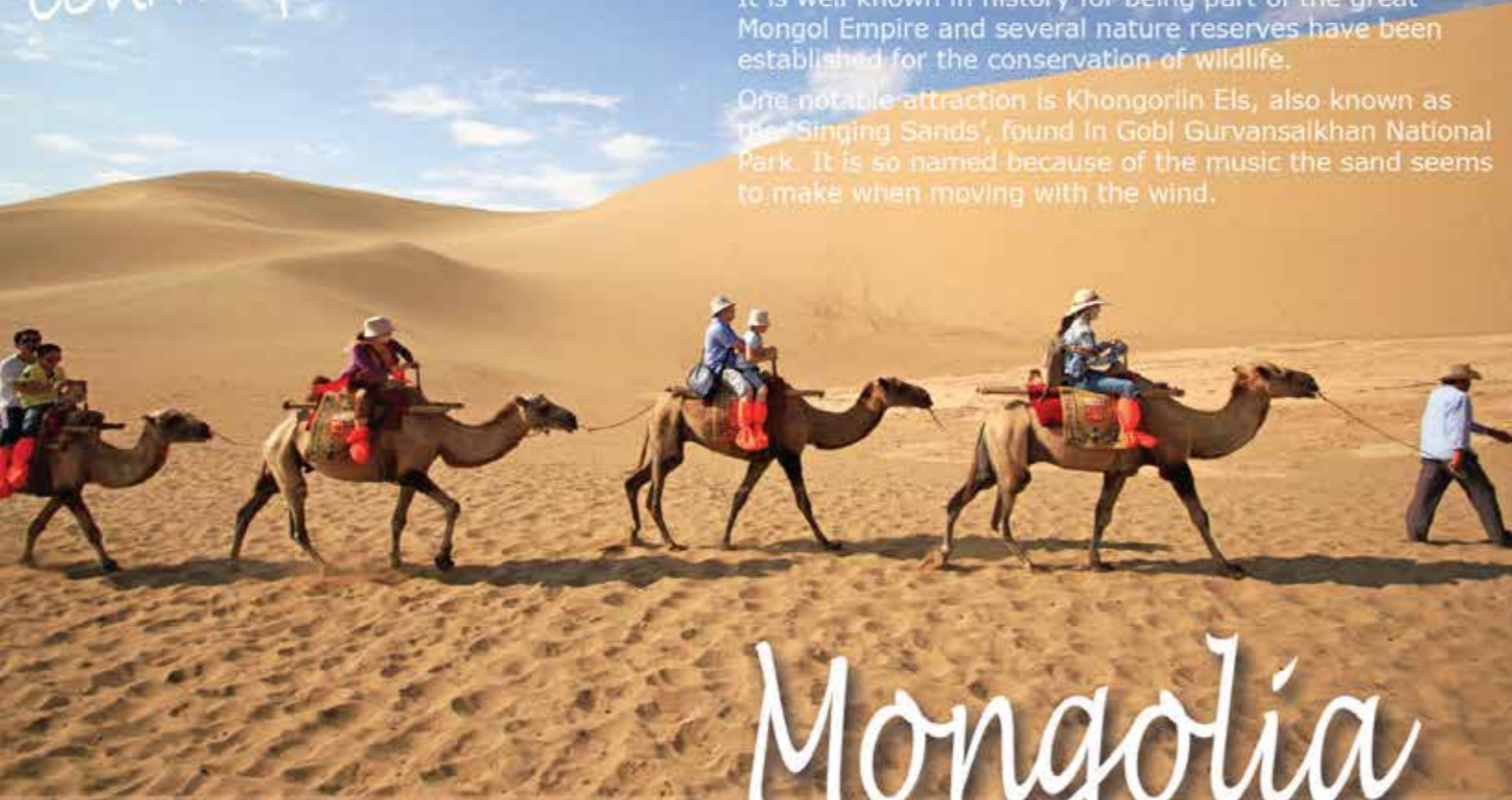
COUNTRY ATTRACTION

The Gobi Desert

The Gobi Desert is a huge desert region which covers a vast expanse of Southern Mongolia and also parts of northern and northwestern China.

It is well known in history for being part of the great Mongol Empire and several nature reserves have been established for the conservation of wildlife.

One notable attraction is Khongoriin Els, also known as the 'Singing Sands', found in Gobi Gurvansaikhon National Park. It is so named because of the music the sand seems to make when moving with the wind.



Mongolia

Kharkhorin

Culture enthusiasts should also visit Kharkhorin. Also known in ancient times as Karakorum, this was once the capital of the Mongol Empire. Today, it is a quiet provincial town of Soviet-style apartment blocks and modest suburbs.

The main attraction is Erdene Zuu Khild, the oldest surviving monastery in the country. Culture lovers will be fascinated by its storied past and also its sprawling architecture and museum.



Sources: "Karakorum Travel Guide". World66.com, n.p. 2015. Web. 11th Aug, 2015.
Huang, Nellie. "Top 5 Things to See & Do in Mongolia". Gadventures.com. G adventures, 2015. Web. 11th Aug 2015.

Aaruul

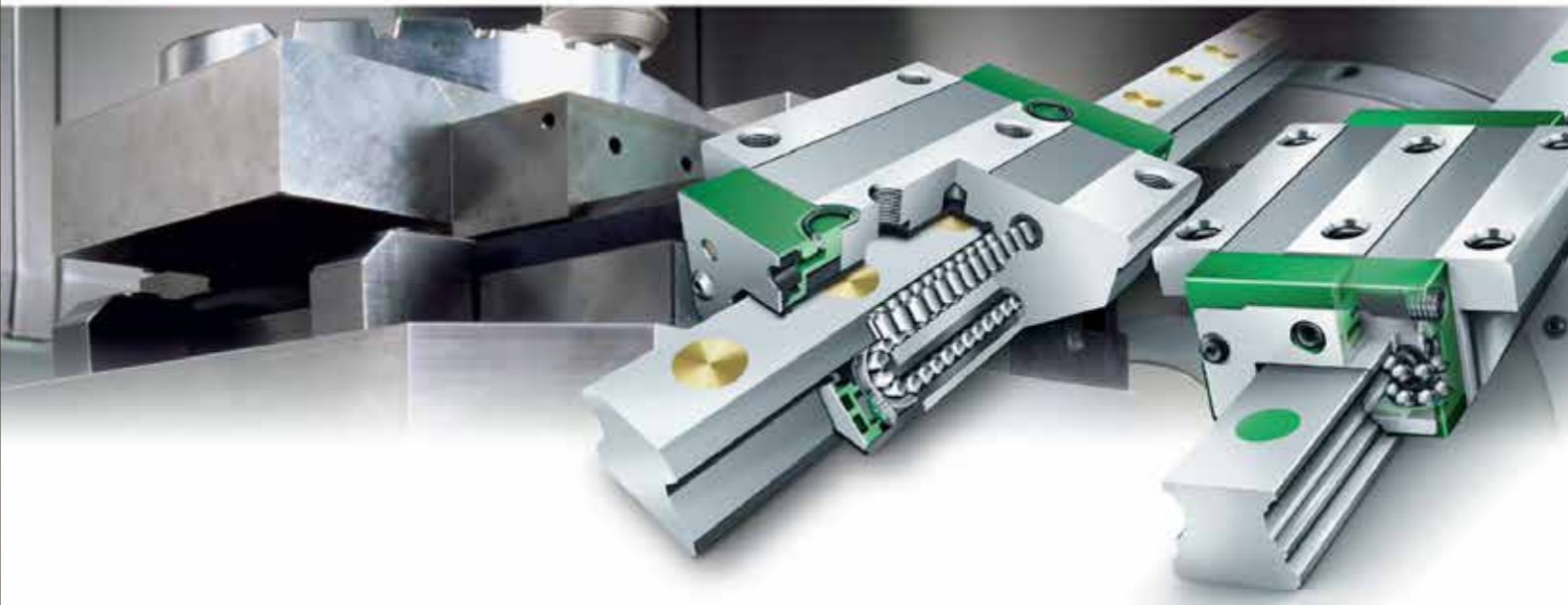
Aaruul is curdled milk that has been dehydrated and dried. Experts believe that this food contributes to the strong teeth of Mongolians. An interesting aspect, and perhaps, advantage, of this food is that it does not go bad.



Khorkhog (horhog)

Khorkhog is a barbecue dish in Mongolian cuisine, more commonly found in the countryside. It is made by cutting up pieces of sheep meat and cooking it inside a container with hot stones and water. Vegetables, pepper and salt are then added. This method of cooking is the same as what soldiers used during their camping expeditions.

Sources: "Mongolia food". Discovermongolia.mn. Discover Mongolia Travel Co., Ltd, 2015. Web. 12th Aug, 2015.



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Personal Finance Tips

— an essential field in life that everyone needs to master.

However, going by the latest stats released from the MasterCard Financial Literacy Index, it seems an increasing percentage of the general population are failing in this area.

Vantage presents 5 directly applicable ways to help you keep prudent check of your finances so you will not have to live hand-to-mouth till the end of the month.

We divide this How-To into two distinct parts.

On the first page, we introduce the most basic and actionable ways you can start with at once to control your finances. On the next page, we look at more behavioural measures which will involve mental self-discipline and some extent of planning to implement.

1. Save before you spend, not the other way round

If you haven't already done it yet, the most basic fundamental of personal finance is to set a budget every month and stick to it without fail.

Another fundamental to control your personal finance is to save before you spend.

Most people tend to live from payday to payday and their first instinct is to spend once their salary is credited.

However, a simple yet oft-overlooked mindset shift is to set aside a portion of your income for savings first, before using the remainder for your needs. To aid you in this, you may consider doing Step 2.



2. Open a separate bank account

To avoid the easy temptation of withdrawing money whenever you want it and having it disappear into the black hole of Singapore's numerous shopping malls, you may want to consider opening a second bank account.

You may choose to credit, say, 20% of your salary into this account every month. It is also essential that you do not include the option of debit or credit cards, or even ATM transfers, for this account.

Doing this helps to maintain a definite pool of money beyond your easy reach, thus allowing your savings to grow.



3. Pay your bills on time

The next tip is obvious.

Always, always pay your bills on time. This avoids any roll over expenses you may incur for late payments. Credit cards in particular, as we all very well know, can be a real killer for interest payments.



4. Separate needs from wants

In this day and age, there are a multitude of options for you to spend your hard-earned cash.

Take for example the e-commerce boom. Think about the various online shopping sites available nowadays and you can see just how easy it is to splurge a quarter of your paycheque after just two or three hours browsing on online shopping sites.

One vital step in taking control of your spending is to separate needs from wants. Questions to ask yourself next time you feel the urge to spend are: Do you really need that item, or is it just an impulsive "want"? Can you survive without it? (in most cases, the answer is Yes.) Will you still be using it in 6 months, or a year, from now?

Reasoning like this will also allow the logical part of your brain to take over and evaluate: Is that latest curved smartphone or Gucci handbag essential for your happiness?

Very often, the answer is no.

5. Make good investments

Investments made cleverly and savvily can reap unimagined rewards over both the short and long run.

What is a good investment? Simply put, a good investment is one that allows you a positive return on investment and preferably at a rate greater than the inflation rate. The range of options in this day and age is immense, and can range from the stock market to properties to insurance. However, the golden rule of investing is never invest in what you don't understand. Do the requisite research and be sure you know all about the company and its track record before you invest your money with them.

In addition, investing in relevant courses or educational qualifications to boost your career is a good investment. Over-spending on handbags, shoes or the latest tech gadget however, is not.



CONCLUSION

Be bold and try out a few of these tips and I guarantee that you will be able to see marked improvements in your finances over the next 3-6 months.

Use the progress, however little, as a springboard to pursue even greater goals and achievements. Financial literacy leads to increased financial security and fiscal self-responsibility, and in turn, a general sense of well-being and healthy self-esteem.

All the best!

It doesn't matter how much you earn. It matters how much you save.

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your HANDS



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or 1 ounce
Portion of snacks like nuts,
dried fruits or ice-cream

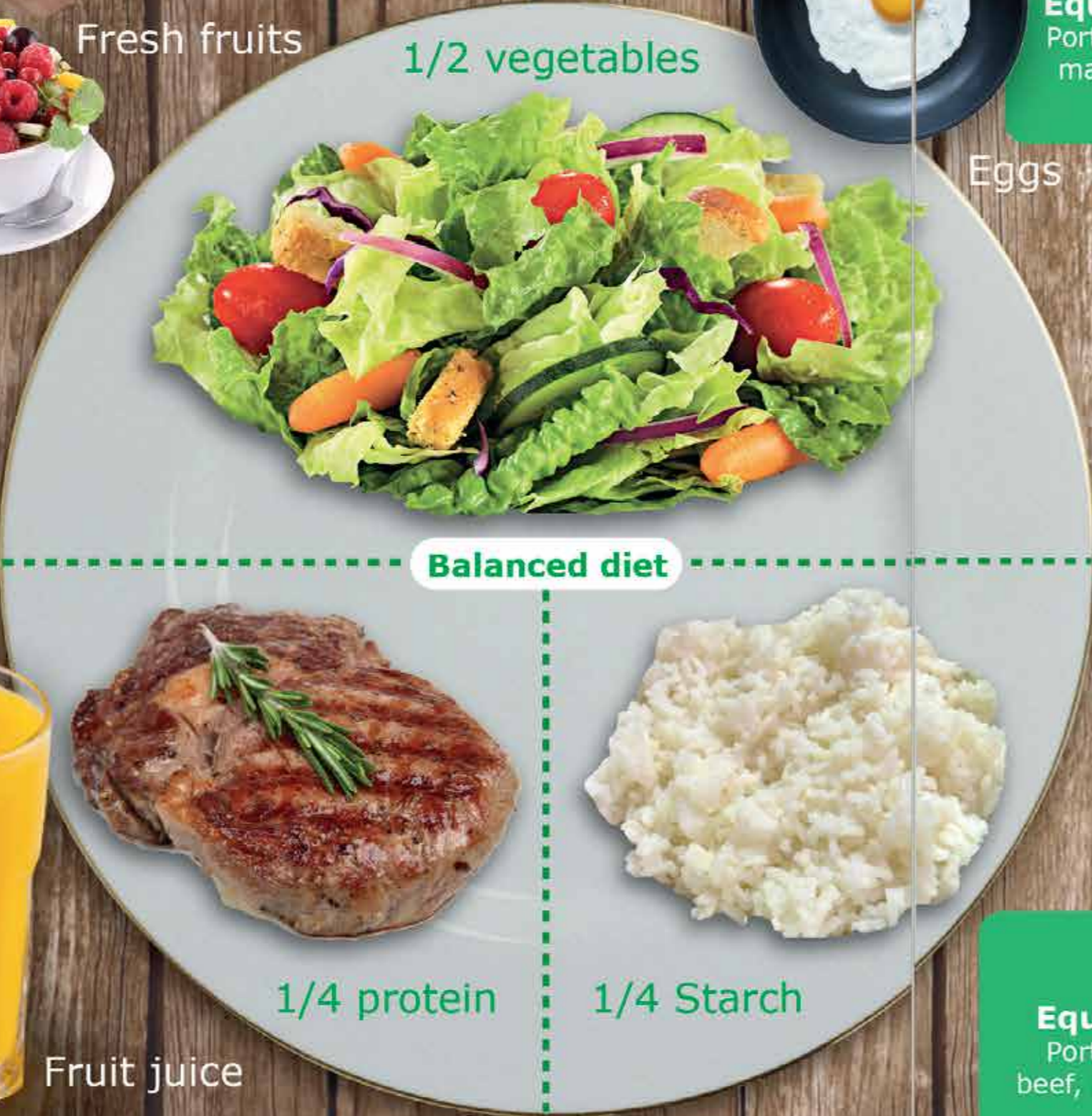
Fist
Equal to 1 cup
Portion of rice, pasta,
fruits or vegetables



Fingertip
Equal to 1 teaspoon
Portion of fats like butter,
mayonnaise, margarine
or oil



Fresh fruits



Balanced diet

1/4 protein

1/4 Starch

Fruit juice



Eggs



Palm
Equal to 3 ounces
Portion of protein like
beef, pork, chicken or fish



Thumb
Equal to 2 tablespoon
Portion of dairy, peanut
butter, cream cheese
or salad dressing

DESK EXERCISE TIPS



STRETCHING

Helps to : Prevent back pain, which occurs from hunching over a desk for hours at a time.

- Stretch out both arms behind you and interlock fingers
- Lift arms to above your head to comfortably expand your chest and shoulders
- Hold for 7-10 seconds
- Repeat as required (daily or otherwise)

THE LITTLE MERMAID AT WORK

Helps to : Increase flexibility and core strength

- Sit upright in your chair
- Raise your right wrist over your head
- Pull it with your left hand and stretch your right side
- Hold for 10 seconds
- Straighten to upright posture and repeat, raising left wrist and stretching other way.
- Do 5 reps for each side.



Rexnord Couplings The Complete Connection



Falk™ Wrapflex®



Rexnord™ Viva®



Falk™ Lifelign®



Rexnord™ Thomas®



Falk™ Steelflex®



Rexnord™ Viva®



Rexnord™ Omega®



Addax™ Composite



In today's fast-paced, hectic, work-driven society, many find they do not have time to exercise. Besides better time management and mental commitment to live a healthier lifestyle, there are also simple exercises you can start with in your office during breaks.

Here are some small yet efficient exercises that can help you increase blood circulation, prevent muscular aches and pains, and hopefully, also kickstart you into exercising more regularly.



THE CHAIR STRETCH

Helps to : Loosen the muscles in your head, back and arms.

- While sitting, extend right hand to touch your left foot
- At the same time, grip the top of your chair with your left hand
- Ensure that both arms are straight
- Tilt head upwards
- Hold for 5 seconds while you feel the stretch
- Switch to the other side
- Do 5 reps for each side

Memorable

Moments



Family Day Big Walk



National Day Celebration



Christmas Masquerade Mask Party



Charity Event Visually Handicapped Massage



Mid-Autumn Festival



Health Screening



Chinese New Year Celebration



Charity Run

Singapore

West Malaysia



Movie Day

Indonesia



Christmas Celebration



Dinner & Dance



Steam Boat



Team Outing



Sales Retreat



Dinner & Dance



Cooking Competition

Mongolia



Branch Visit

East Malaysia



BBQ



Finance Conference



Team Bonding

China



S U D O K U

Easy

7	2		3	9			6
			5		3		1
				7			5
					1		
9		6					2
	3					5	
3	7			4	8		
6		8	9	7			3
5							

Medium

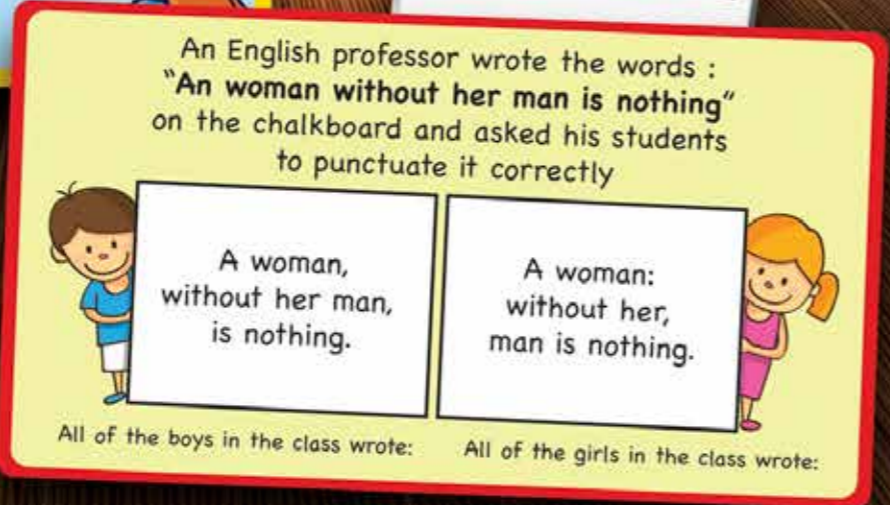
1			2	4			6
		9					5
5	7			1			
			3				
				7			
4					7	1	
3							
	2	9			3		
		5	7			4	9

Hard

				7	8			1
	3						4	
8					6	7		2
3	5					2		
		2	5					
		1					5	
					7	6		
9	8	1						
1			9					

&

J O K E S



SLS ACADEMY

An institute of higher learning ... creating tomorrow's leaders.

SLS Academy, an initiative for people excellence, was set up to provide in-house workshop and hands-on training on product and industry know-how, skills and applicants' experience

SLS believes that by sharing and transferring knowledge, our customers and bussiness partners will also greatly benefit.

SLS Academy provide In-house:

- Training and Seminars
- SLS Engineering Conference (Junior & Senior)
 - Technical presentation and updates from principals
 - Industrial knowledge training
 - Workshop / Practical Activities
 - Competency test / Certification



Also provide External:

- Basic Bearing Training
- Advanced Bearing Training
- Lubrication Training
- Bearing Mounting and Dismounting Training

To find out more, visit: www.slsbearings.com

2016 Courses



15-17 Mar 2016

Gearbox and Gearmotor Overhaul

Course Code: **IS-PT-GBX**
Course Duration: **3 Days**
Course Fee: **SGD 880.00**
per person

Course Objective:
Hands-on experience in Gearbox and Gearmotor Assembly and Dis-Assembly.

Who should attend?
- **Service Engineer**
- **PT Engineer**
- **Sales Engineer**



19-21 Apr 2016

Chain Bucket Elevator Installation and Maintenance

Course Code: **IS-PT-CBE**
Course Duration: **3 Days**
Course Fee: **SGD 880.00**
per person

Course Objective:
Practical course to simulate real life on-site condition in Chain Bucket Elevator installation and maintenance.

Who should attend?
- **Services Engineer**
- **PT Engineer**
- **Sales Engineer**



10-13 May 2016

SRB and LSRB Mounting and Dismounting

Course Code: **IS-BR-SRB**
Course Duration: **4 Days**
Course Fee: **SGD 1,060.00**
per person

Course Objective:
Practical experience to perform mounting and dismounting of large size Spherical Roller Bearing and bearings for conveyor pulley application.

Who should attend?
- **Services Engineer**
- **Sales Engineer**



18-22 Jul 2016

Basic Reliability Services (Vibration Condition Monitoring, Thermography, Shaft and Pulley Alignment, and Balancing)

Course Code: **IS-RS-BRS**
Course Duration: **5 Days**
Course Fee: **SGD 1,220.00**
per person

Course Objective:
Theory and Practical experience to perform fundamental thermography, condition monitoring techniques, vibration analysis, and alignment.

Who should attend?
- **Services Engineer**
- **Sales Engineer**



26-28 Jul 2016

Conveyor Belt Splicing

Course Code: **IS-CV-SPL**
Course Duration: **3 Days**
Course Fee: **SGD 880.00**
per person

Course Objective:
Learn basic conveyor belt specification, splicing method and practical experience to perform conveyor belt splicing both cold and hot method.

Who should attend?
- **Services Engineer**
- **Sales Engineer**



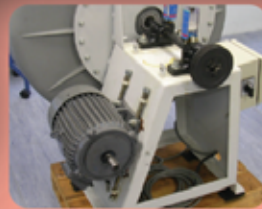
24-26 Aug 2016

Electric Motor Testing

Course Code: **IS-PT-EMT**
Course Duration: **3 Days**
Course Fee: **SGD 880.00**
per person

Course Objective:
Learn predictive maintenance for electric motor using surge test method.

Who should attend?
- **Services Engineer**
- **Sales Engineer**



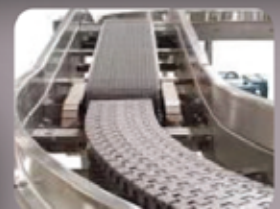
6-7 Sep 2016

Pump and Blower Basic Repair

Course Code: **IS-MS-PBR**
Course Duration: **2 Days**
Course Fee: **SGD 720.00**
per person

Course Objective:
Practical experience to perform basic mechanical repair of common pumps and blowers which include: mounting of bearing on barrel housings, pump coupling mounting, jack shaft mounting, shaft alignment, v-belt mounting and v-belt tensioning.

Who should attend?
- **Services Engineer**
- **Sales Engineer**



20-22 Sep 2016

Table Top Chain Maintenance and Installation

Course Code: **IS-PT-TTC**
Course Duration: **3 Days**
Course Fee: **SGD 880.00**
per person

Course Objective:
Practical course on Table Top Chain Conveyor installation and maintenance

Who should attend?
- **Services Engineer**
- **Sales Engineer**