



A SWTS Company



*WE KEEP YOUR
PLANTS & VESSELS
RUNNING*

ABOUT SWTS Asia

WHO WE ARE



Welcome to SWTS Asia.

It is our mission to keep your plants and vessels running.

Our collective group specialises in providing engineering services, design, and consultation to various industries; from maritime to energy solutions. We are equipped with the right tools and technology, and backed by dedicated service people with a passion to perform. We are committed to building long-term relationships with customers, manufacturers and business partners.

We finish what we start and go the extra mile. We are SWTS, ON Engineers, Exion Asia, MARC, OSA Valve and Encord.

We Keep Your Plants & Vessels Running

SWTS ASIA GROUP OF COMPANIES



SWTS ASIA FOOTPRINTS



CHINA

INDONESIA

MALAYSIA

SINGAPORE

THAILAND

VIETNAM



SWTS ASIA GROUP

WHO WE ARE



GROUP OF COMPANIES



WHAT WE DO



We Keep Your Plants & Vessels Running

Engineered
Flow Control Solutions

Engineering and
Repair Services & Solutions

Electrical Consultancy

Valves &
Instruments
Services &
Solution

Turbo-
machinery
Services &
Solutions

Mechanical
Repairs &
Services

Automation
& Control

Motor &
Generator
Repair &
Services

Engineering
Services
& Solutions

Licensing,
LEW and PE

Condition
Monitoring

Electrical
System
Studies

WHY CHOOSE US

Adoption and harnessing the power of digital technology to complement our service offerings, continuously adding value to our customers/shareholders.

BROAD SCOPE OF ENGINEERED SOLUTIONS

STRONG AND GROWING SERVICE BASE

DEDICATED SKILLED PEOPLE

ORGANIC GROWTH
THROUGH STRATEGIC INITIATIVES

BEST OF CLASS FACILITIES

OEM PARTNERSHIPS

PROXIMITY TO CUSTOMERS

RETAINING, CULTIVATING AND ACQUIRING
HIGHER VALUE-ADDED CAPABILITIES

Solid Foundation: Motivated, dedicated, and flexible people combined with organizational efficiency.

OUR VALUES

Defining what we stand for and how we act



We
Perform With
PASSION



We
Act
RESPONSIBLY



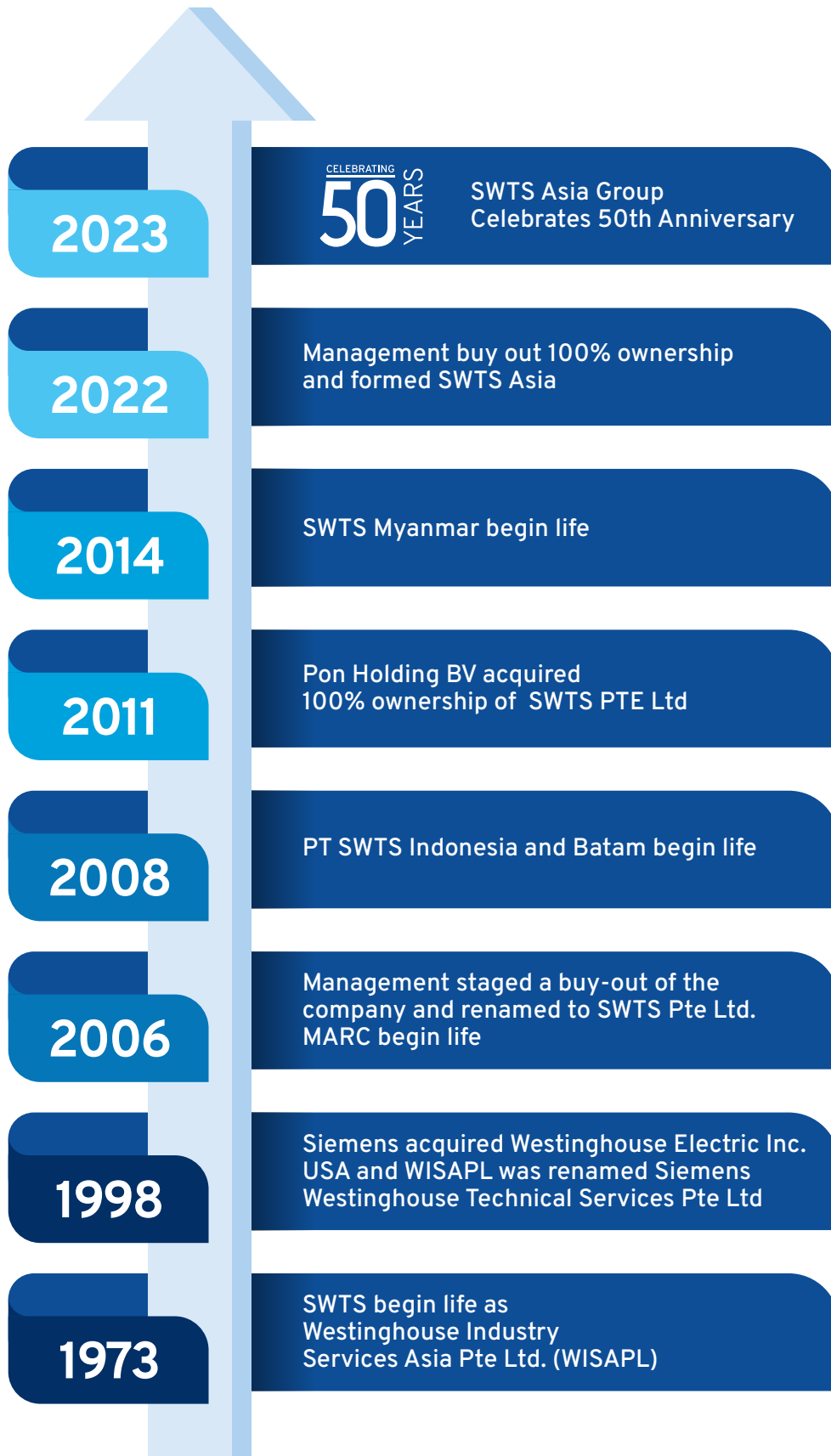
We
Do It
RIGHT



We
Make It
FUN

ABOUT SWTS

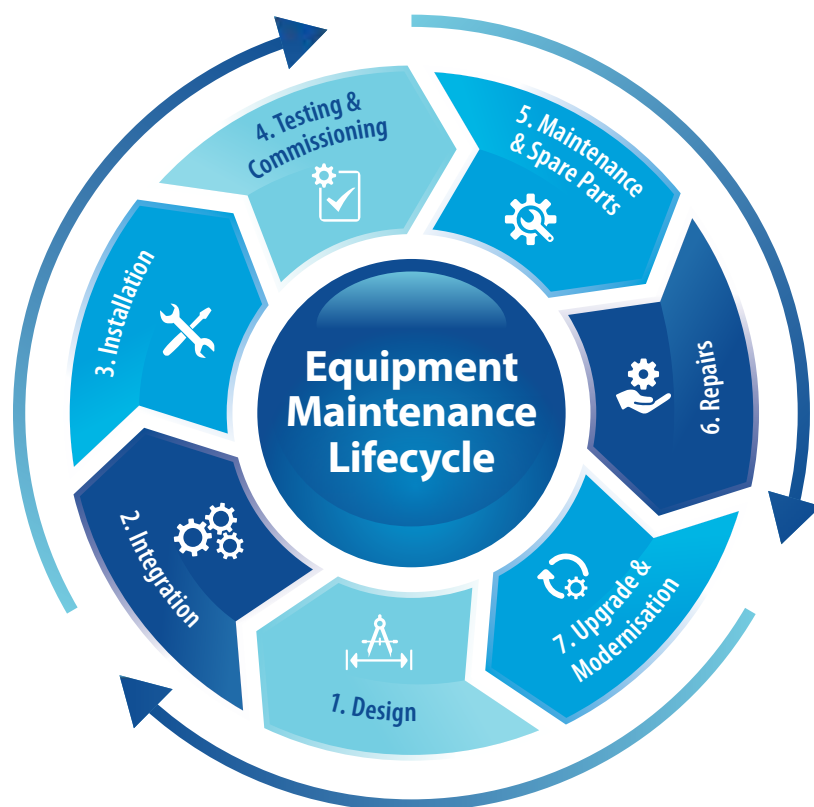
OUR HISTORY AND HERITAGE



WE KEEP YOUR PLANTS & VESSELS RUNNING

SWTS is an independent technical service provider, offering multi-discipline engineering and industrial products and services; from design, supply, installation and integration of OEM industrial equipment, and electrical systems, to provide maintenance, repair & overhaul (MRO) services and engineering solutions. SWTS works closely with OEMs and collaborates with equipment makers to support end-user specifications and requirements. We are also the sole authorised distributor and Service Centre for Heinzmann and Regulateurs Europa control systems in Southeast Asia and Bangladesh.

To get you ready for the future, we offer customised and scalable solutions, allowing you to increase productivity and efficiency through the power of data. SWTS offers digital transformation consultancy, and retrofit of plug-and-play solutions to monitor machine operating parameters and development of predictive solutions. With SWTS as your partner, you can now focus on achieving your business goals whilst we keep your plants and vessels running.



ELECTRICAL

- Generator
- Motor
- Transformer
- Switchgear
- Substation
- Switchyard
- System Studies
- Condition Monitoring

ELECTRONICS

- Variable Speed Drive
- Automation System
- Protective Relay
- Governor
- Uninterruptible Power Supply
- Automatic Voltage Regulator

AUTOMATION & CONTROL

- PLC System
- Maximum Demand Monitoring
- SCADA System
- Generation Control
- Load Shedding
- Load Sharing
- Iltot

MECHANICAL

- Pump
- Compressor
- Turbine
- Gearbox
- Precision Machining
- Onsite Machining
- Equipment Overhaul and Rebuilding
- Metalizing and Coating
- Dynamic Balancing
- Laser Alignment
- Bearing Rebabbiting

WHY SWTS



FACILITY AND EQUIPMENT

Collection of large and well-equipped workshops across Southeast Asia, specialising in MRO works of all makes.



KNOWLEDGE AND EXPERTISE

Experienced team, with a diverse set of skills. Electrical and Mechanical Equipment, Control and Instrument.



CUSTOMER-ORIENTED

Round the clock response, with on-call customised service plan.



MULTI-DISCIPLINED

Dedicated skill-force, matched with multi-disciplined skillset, ready to take on complex, quick turnaround challenge.

SWTS FOOTPRINTS

SWTS IN SINGAPORE

Singapore Workshop 1



10 GUL AVENUE

- 30T+30T indoor crane 9m underhook
- 30T computerised dynamic balancing machine
- 8T Vertical Lathe: Ø3000mm x 2200mm (H)
- Large Temperature Controlled Baking Oven.
- Vacuum Pressure Impregnation Process

Singapore Workshop 2



14 GUL AVENUE

- 50T+50T indoor crane 18m underhook
- 20T Horizontal Boring Machine, 2000mm (H) x 4000mm (W)
- 8T Lathe: Ø1600mm swing x 6000mm (L)
- Abrasive Blasting

SWTS IN SOUTHEAST ASIA



MARC
Bangkok, Thailand



MARC
Rayong, Thailand



PT SWTS Indonesia
Surabaya, Indonesia



PT SWTS Batam
Batam, Indonesia

KNOWLEDGE & CAPABILITIES

MECHANICAL SYSTEM & EQUIPMENT

► Mechanical Services



OVERHAUL, REPAIR, & SERVICE OF ROTATING & TURBO MACHINERY

- API Pump
- Gas and Steam Turbine
- Centrifugal Compressor
- Multi-stage Reciprocating Compressor
- Gearbox (Bevel/Parallel/Planetary)
- Screw Compressor/ Lobe Blower
- Blower (IDF/ FDF)
- Cooling Tower Fan Assembly
- Press & Winch
- Decanter Screw Centrifuge
- Screw Extrusion Machine
- Accumulator Assembly
- Heat Exchanger
- Steering Mechanism
- Elmagco Brake
- Mud-pump, Draw-work & Rotary Table



MECHANICAL WORKSHOP FACILITIES

- 2 Workshops x 5,000 sqm
- 60 tonne Indoor Crane 9m Underhook
- 100 tonne Indoor Crane 18m Underhook
- 300 tonne Press
- 30 tonne Dynamic Balancing

► Integrated Control Services & Solutions



MAINTENANCE, RETROFIT, OVERHAUL & UPGRADE OF HYDRAULIC AND ELECTRONIC GOVERNOR

- Site Inspection/ Dismantling
- Assembly with Genuine Parts
- Testing/ Calibration
- Installation and Commission

SECTORS

- Powerhouse
- Marine
- Hydropower
- Locomotive

STOCKIST AND SERVICE

- Warranty for Products and Services
- In-house and Onsite Response Team

We are the sole authorised distributor and service centre for Heinzmann and Regulateurs Europa in Southeast Asia and Bangladesh.



ELECTRICAL SYSTEM & EQUIPMENT

► Motor & Generator Services



SERVICE REPAIR REWIND

- Motor & Generator
- Onsite Services
- Redesign & Upgrade Capability
- Explosion Proof Re-certification
- Re-manufacture of Commutators and Slip-Rings

PROCESS

- Vacuum & Pressure Impregnation Process (VPI)
- Class H Varnish
- Electromagnetic Core Imperfection Detection (ELCID)
- Partial Discharge Test
- Ductor Test
- Tangent Delta Test
- Surge Comparison Test

CERTIFIED BY MAJOR OEM PARTNERS

Underwriters Laboratories Inc.® for listed rebuilt electrical motors for hazardous locations.

TÜV (now IEC) to conduct repairs on explosion protected electrical motors (EEx d/de, EEx e, EEx nA).



► Electrical System Services



POWER AND SUBSTATION SERVICES

- Design & Supply
- Installation & Commissioning
- Shutdown and Life Cycle Maintenance

KNOWLEDGE AND SERVICE CAPABILITIES

- LV/ MV and HV Switching System
- Transformer
- Breaker and Relay
- Licensed Electrical Worker(LEW) & Professional Engineer (PE) Services
- Qualified GIS Substation Service Provider

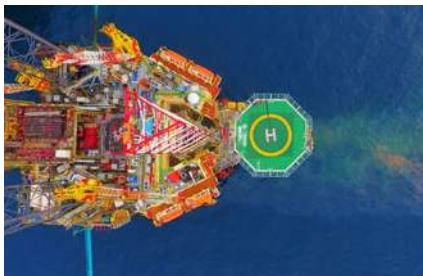
SUPPLY & SERVICE OF ALL POWER EQUIPMENT MAKES

- ABB
- Eaton
- Fuji Electric
- Schneider Electric
- Siemens
- And More

KNOWLEDGE & CAPABILITIES

ENGINEERING SOLUTIONS

► Electrical Power and Drive Systems



KNOWLEDGE AND SERVICE CAPABILITIES

- Installation
- Testing
- Commissioning
- Maintenance
- Troubleshooting
- Consultancy
- Correction
- Upgrade and Modernisation

SECTORS

- Industrial
- Commercial
- Marine
- Oil & Gas
- Petrochemical
- Refinery
- Mill & Powerhouse
- Manufacturing

SOLUTIONS

- Design & Engineering
- Procurement & Packaging
- Testing & Commissioning
- After Market Services

► Engineering Solutions and Projects



PACKAGES

- MV/ LV Switchgear
- Motor Control
- Generator Control
- Load Shedding
- Load Sharing of KW and KVAR
- Auto and Manual Synchronising Controls
- AC/DC Drives
- Vessel Automation System
- Power Management System

KNOWLEDGE AND SERVICE CAPABILITIES

- Advice & Consultancy
- Project Management
- System Integration
- Project Engineering
- Site Management
- Electrical Installation
- Commissioning
- Training
- Service & Maintenance

► Automation And Control



KNOWLEDGE AND SERVICE CAPABILITIES

- Solutions Design, Supply and Build
- Onsite Set Up, Start Up and Commissioning
- Obsolete Part Replacement and Work Around
- Complete Parts Catalogue

SECTORS

- Refinery
- Food and Beverage
- Packaging
- Solar Panel
- Pharmaceutical
- Manufacturing

PROCESS AND FACTORY AUTOMATION

- Process Control
- Motion Control
- SCADA and PLC Programming
- Conveying System

IIOT SOLUTIONS

- Condition Monitoring
- Predictive Maintenance
- Data Analysis
- Cyber-Physical System (CPS)
- Artificial Intelligence



► Condition Monitoring

Proactively detect equipment anomaly, minimise cost due to unplanned downtime & optimise end-to-end system performance.

ARCHITECTURE CONSULTATION

Digital transformation and automation consultancy.

DATA COLLECTION

On-premise, periodical or semi-online data collection available.

PERFORMANCE MONITORING

Online monitoring platform with remote monitoring capabilities.

PREDICTIVE SOLUTION

Machine Learning and Artificial Intelligence to optimise performance.

Contact Us

Have any questions? We'd love to hear from you.

Contact us at bd@swts.com to find out more, and discover ways to implement smart engineering solutions to increase productivity and efficiency!

SINGAPORE OFFICE HQ

Workshop 1

10 Gul Avenue
Singapore 629654
Tel: +65 6861 4466
Fax: +65 6861 0678

Workshop 2

14 Gul Avenue
Singapore 629657

SWTS SUBSIDIARIES

THAILAND

MARC (Thailand) Co. Ltd.
3 Moo 6 Phutthamonthon VII Rd.,
Homkred, Sampran,
Nakhon Pathom 73110, Thailand
Tel: +66 (0) 34 312089-99
Fax: +66 (0) 34 312106

MARC Rayong
9 Soi G3 Pakornsongkorad Rd.,
Huaypong, Muang, Rayong
21150, Thailand.
Tel: +66(0)38 693152-61
Fax: +66(0)38 693162-63

INDONESIA

PT SWTS Indonesia
Jalan Raya By Pass Krian KM 31
Kraton - Krian, Sidoarjo
East Java 61262, Indonesia
Tel: +62 (31) 8988464-69
Fax: +62 (31) 8988470

PT SWTS Batam
Kawasan Bintang Industri II
Blok F No. 760
Tanjung Uncang - Batu Aji
Batam 29422, Indonesia
Tel: +62 (778) 736 1002
Fax: +62 (778) 736 1003



www.swts.com



[SWTS Pte Ltd](#)



[SWTS Pte Ltd](#)



bd@swts.com