

# SEMS+

**SMART ENERGY MANAGEMENT SYSTEM *plus***

Measurement . Power Quality . Energy Efficiency

be **in Control** of your power quality and energy efficiency needs

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## SMART ENERGY MANAGEMENT SYSTEM *plus*

Measurement . Power Quality . Energy Efficiency

## Be **in Control** of your Power Quality & Energy Efficiency

### A comprehensive solution for PQMS & SEMS package.

- To be in control of the electrical condition of the facility by monitoring and managing the electrical quality and energy consumption.
- To be able to analyse Power Quality issues and Energy usage effectively for successful Power Quality solution implementations and Energy Efficiency initiatives.
- To have control is critical to ensure smooth and efficient operations of the facility.



## Solutions offered:

### Comprehensive Data Measurements

- Wide range of Power Quality and Energy measurement devices
- High accuracy measurements
- Comprehensive Power Quality and Energy measurements and event captures

### Monitoring & Reporting

- Comprehensive EMS software solutions
- Online monitoring of live status and topological view
- Capture of Power Quality events and Energy consumption alerts
- Historical data for analysis and diagnostics
- Comprehensive reporting for Power Quality (IEC61000-2-4, EN50160, IEEE519), Energy utilisation and Sub-billing.

### Technical Analysis

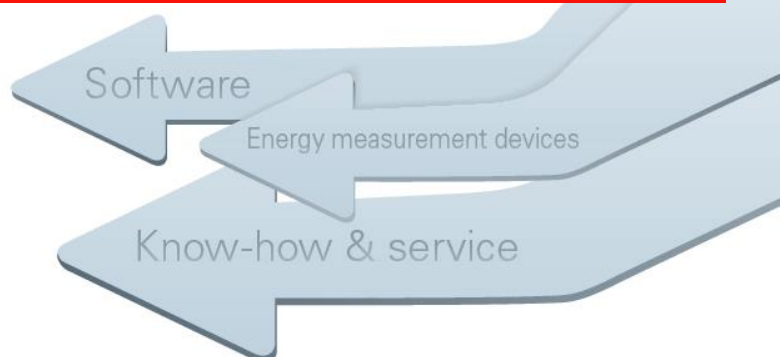
- Provision of findings analysis and report interpretation and solution recommendations
- Technical Consultation
- Design and implementation on the Power Quality solutions and Energy Efficiency initiatives

### Power Quality & Energy Efficiency Solutions

- Comprehensive Power Quality & Energy Efficiency solutions.
- Provision of Installation, Testing and Commissioning of Power Quality and Energy Efficiency Solutions

### Continuous Improvement Plans

- Provision of Post Installation services to ensure solutions are operating correctly
- Provision of training for safe handling of the PQMS & SEMS system
- Maintenance services to ensure solutions continue to operate correctly
- Continual improvements initiatives and plans for long term Energy management and conservation.



## Our Expertise

We offer a complete range of Energy Management and Power Quality solutions to meet the current energy trend of being **IN CONTROL** of your energy activities and consumption as well the energy quality for optimum operations of your facility.

We are capable to cater to the needs of the most demanding customers to provide solutions to greenfield and brownfield sites, from design to installation, testing and commissioning. Service contract can be offered to further strengthen your investments.



## Industries we serve

- Automotive
- Transportation and Infrastructure
- Industrial and Commercial
- Broadcasting
- Telecommunication
- Data centers
- Healthcare



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## About Us

**Mun Hean** is the specialist in developing and implementing integrated power management solutions backed by experience developed over more than 30 years. With an in-depth knowledge and expertise in this field, our fine team of professionals is capable of providing a spectrum of services, which includes Power Quality study, technical consultation, system designing, installation, testing, commissioning and excellent after-sales support through our unique Power Quality and Energy Management Solutions, for every business and application needs.



LIGHTNING  
PROTECTION



POWER  
FACTOR  
CORRECTION

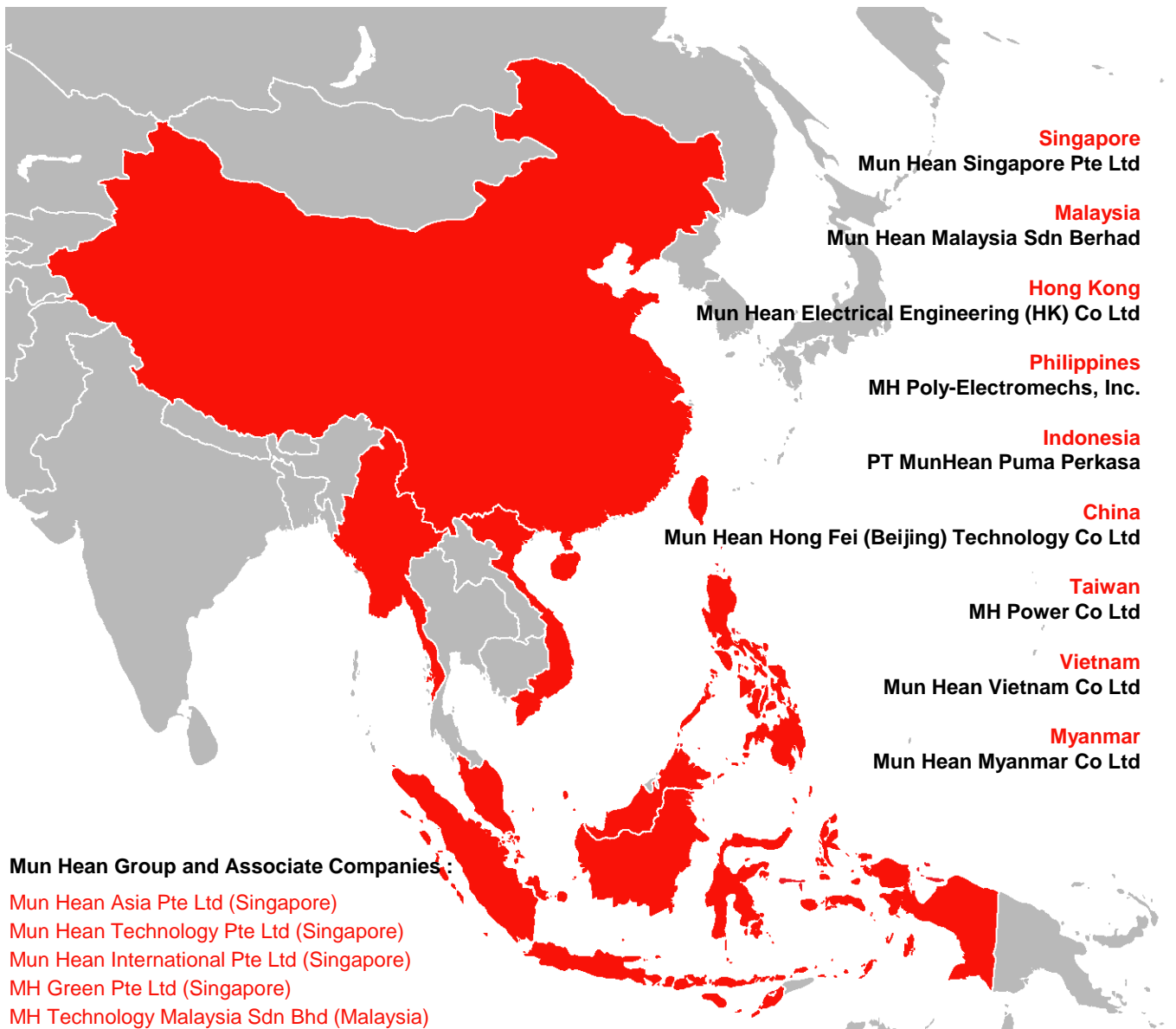


POWER  
QUALITY  
MANAGEMENT



INDUSTRIAL  
ELECTRICAL

## Our Presence



### Singapore

Mun Hean Singapore Pte Ltd

### Malaysia

Mun Hean Malaysia Sdn Berhad

### Hong Kong

Mun Hean Electrical Engineering (HK) Co Ltd

### Philippines

MH Poly-Electromechs, Inc.

### Indonesia

PT MunHean Puma Perkasa

### China

Mun Hean Hong Fei (Beijing) Technology Co Ltd

### Taiwan

MH Power Co Ltd

### Vietnam

Mun Hean Vietnam Co Ltd

### Myanmar

Mun Hean Myanmar Co Ltd

### Mun Hean Group and Associate Companies:

- Mun Hean Asia Pte Ltd (Singapore)
- Mun Hean Technology Pte Ltd (Singapore)
- Mun Hean International Pte Ltd (Singapore)
- MH Green Pte Ltd (Singapore)
- MH Technology Malaysia Sdn Bhd (Malaysia)
- Challenge Industrial Co (Malaysia) Sdn Bhd (Malaysia)
- Southern Grace Hardware Pte Ltd (Singapore)