

20 - 23 MARCH 2013 • Kuala Lumpur Convention Centre, Malaysia

ONE - STOP PLATFORM FOR ELECTRICAL & ELECTRONIC AND AUTOMATED MANUFACTURING INDUSTRY

Opening its' doors at the ultra-modern Kuala Lumpur Convention Centre (KLCC), from 20 - 23 March 2013, **ASEAN Elenex 2013 (AE 2013)** - The exhibition and conference on Electricity Transmission, Distribution & Electrical Engineering and **Industrial Automation 2013 (IA 2013)** - The region's top showcase for automated manufacturing process systems and innovative components providers is expected to feature latest technologies and offer a platform for industry players and stakeholders to discuss and gauge opportunities for new businesses.

Major players who have confirmed their participation include ABB Malaysia, Alpha Automation, Anewtech Systems, Axis Electrical Components, Daiichi Institution Industry, Dekra, DPI Industries, Econix Hi-Tech Comp, Encompass, Harting Singapore, Kenesto, Kinco Electric, KVC Industrial, Mennekes GmbH, Mikro, Stober Singapore, Sun Power Automation, Toshiba Transmission and Distribution, Total Metering Solutions, United U-Li Corporation, Universal Cable (M), VSD Automation and Wohner GmbH just to name a few.

Exhibitors from more than 30 nations and International Group Pavilions from China, Germany, Singapore, Taiwan ROC and United Kingdom are expected to participate at AE 2013 & IA 2013. The show will also host Industry pavilions from Tenaga Nasional Berhad Vendors Development Programme (TNB VDP), The Electrical & Electronics Association of Malaysia (TEEM) and Malaysia Automation Technology Association (M.A.T.A.).

AE 2013 & IA 2013 is more than just an exhibition. The 4-day exhibition will have technical seminars and conference organised by Congress International des Reseaux Electriques de Distribution - CIRED. Mark your diary and be a part of this event. There is so much to explore and gain through the activities lined-up.

MESSAGES :



MINISTRY OF ENERGY,
GREEN TECHNOLOGY AND WATER MALAYSIA

Dato' Sri Peter Chin Fah Kui

Minister of Energy, Green Technology and Water Malaysia

"I remain confident that the ASEAN Elenex 2013 exhibition will be providing an excellent platform for the coming together of industry players and the generation of ideas, the development of future businesses and the strengthening of existing business relationships, as it has done in previous exhibitions."



**TENAGA
NASIONAL BERHAD**

Datuk Wira Ir. Azman Mohd

President / Chief Executive Officer,
Tenaga Nasional Berhad

"Tenaga Nasional Berhad (TNB) is pleased and honoured to be hosting an estimated 600 exhibitors from 40 countries and over 6,500 trade visitors to ASEAN Elenex 2013, the 10th International Exhibition of Transmission & Distribution and Electrical Engineering for the ASEAN region. The four-day event, scheduled from March 20 - 23, 2013 at the Kuala Lumpur Convention Centre, is a relevant and ideal platform for industry players to discuss pertinent issues in electricity generation, transmission, distribution and security, as well as issues of renewable energy."



MINISTRY OF SCIENCE,
TECHNOLOGY AND INNOVATION MALAYSIA

Datuk Seri Dr. Maximus Johnity Ongkili, JP

Minister Of Science, Technology And Innovation Malaysia

"The electrical and electronics sector is one of the National Key Economic Areas under the 10th Malaysia Plan. This was the logical next step in the nation's ambition in creating a high-income economy by 2020, which would not be possible without a vibrant power generation sector, as evidenced by the response to the ASEAN Elenex (AE) events, and an established culture of Industrial Automation (IA)."



**Suruhanjaya Tenaga
ENERGY COMMISSION**

Tan Sri Datuk Dr Ahmad Tajuddin Ali

Chairman,
Energy Commission, Malaysia

"The Energy Commission is once again pleased to be associated with this esteemed exhibition, of which we are confident that the knowledge, insights and feedback received during ASEAN Elenex 2013 will greatly assist us in regulating the energy sector particularly the electricity supply and piped gas supply industries in Peninsular Malaysia and Sabah."



Mr Tiong Khe Hock

MATA President,
Malaysia Automation Technology Association

"The Malaysia Automation Technology Association (MATA) (formerly known as the FMM-Automation Technology Industry Group) is proud to be part of Industrial Automation (IA) 2013. The IA events over the years have brought together, from across the region, the biggest players from the manufacturing, energy, electrical and automation industries under one roof."

AE 2013 Hosted By:



AE 2013 Supported By:



AE 2013
Endorsed By :



Featuring :



IA 2013 Supported By :



IA 2013 Endorsed By :



AE & IA 2013 Endorsed By :



Organiser:



AE 2013 Supporting Media Partners :



Incorporating:



IA 2013 Supporting Media Partners :



Tenaga Nasional Berhad (TNB) is proud to be host of ASEAN Elenex 2013.



TNB is the largest electricity utility in Malaysia and a leading utility company in Asia. Listed on the main board of Bursa Malaysia with almost RM87 billion in assets, the Company's more than 33,500 employees serve an estimated 8.3 million customers in Peninsular Malaysia, Sabah and Labuan. TNB has been 'Keeping The Lights On' in Malaysia ever since it was set up as the Central Electricity Board in 1949, powering national development via the provision of reliable and efficient electricity services.

TNB's core businesses are in the generation, transmission and distribution of electricity. In Peninsular Malaysia, the Company is a major contributor to the total industry capacity through six thermal stations and three major hydroelectric schemes. It also manages and operates the National Grid which links TNB power stations and IPPs to the distribution network. The grid is connected to Thailand's transmission system in the North and Singapore's transmission system in the South. In East Malaysia, TNB has an 80% equity in Sabah Electricity Sdn. Bhd. (SES), which manages the Sabah Grid.

Other than its core business, TNB has diversified into the manufacture of transformers, high voltage switchgears and cables; the provision of professional consultancy services; and architectural, civil, electrical engineering works and services, repair and maintenance.

The Company also engages in research and development, property development and management services. Tapping into opportunities available overseas, TNB is making inroads into emerging markets, focusing on the Asia-Pacific, Middle East and North Africa region.

In 2005, the Company embarked on a 20-Year Strategic Plan with the ultimate objective of transforming into a world-class player by the year 2025. To support this vision, TNB invests significantly in the continuous professional development of its employees through structured programmes.

There is also renewed emphasis on sustainability, both of the organisation and of the Malaysian environment. The Strategic Plan entails greater focus on green initiatives such as the development of the renewable sources of fuel, and more effective demand side management via energy efficiency, thus complementing the Government's carbon reduction agenda.

As a leading GLC, TNB also places strong emphasis on its social responsibilities, through its numerous CSR programmes that benefit the underprivileged in the areas of education, human capital development, community enrichment and environmental conservation.

SEE US AT HALL 1, BOOTH 1501.

Our highlights ...

TNB Engineering Corporation Sdn. Bhd. (TNEC)

- Provider of District Cooling Systems with Thermal Energy Storage
- Specialise in Project Development Ownership, Energy, Procurement and Construction and Comprehensive Operations and Maintenance

TNB Energy Services Sdn. Bhd. (TNBES)

Leading proponent in Green Energy with the energy packages offered comprise of:

- Renewable Energy (RE)
- Energy Efficiency (EE)
- Power Quality (PQ)
- Power System Study (PSS)

Tenaga Research Sdn. Bhd. (TNBR)

- R&D for Electricity Supply Industry (ESI)
- Provider of engineering consultancy services
- Provider of laboratory services
- Provider of quality assurance services
- Provider of environmental services

TNB Repair and Maintenance Sdn. Bhd. (TNB REMACO)

- Premier Specialist in Power Plant Repair and Maintenance Services
- One-stop Repair and Refurbishment Centre
- Offers a Comprehensive Range of Testing and Diagnostic Services
- Project Management

SOME OF THE MANY EXHIBITING COMPANIES WAITING TO MEET YOU.

A ONE UNION (M) SDN BHD	MAKALISA	EETARP ENGINEERING SDN BHD	MAKALISA	KREMPEL GMBH	GERMANY	SCL SYSTEM ENTERPRISE PTE LTD	SINGAPORE
AB CABLE ACCESSORIES	INDIA	ELECTROTECHNICA ARTECH SMART GRID S.L	SPAIN	KREMPEL-GROUP AISA PACIFIC OFFICE	THAILAND	SCOPE	INDIA
ABB	SWITZERLAND	ELEKTRO-MECHANIK EM GMBH	GERMANY	KRIZK (MALAYSIA) SDN BHD	THAILAND	SEISA GEARS LTD	JAPAN
ABB MALAYSIA SDN BHD	MAKALISA	ELMEK ELECTRIC PVT LTD	INDIA	KUALA LUMPUR SDN BHD	MAKALISA	SERVO DYNAMICS PTE LTD	SINGAPORE
ADVANTAGE	TAIWAN ROC	ELSTER HAUKE	USA	KUEBLER	GERMANY	SERVO ENGINEERING SDN BHD	MAKALISA
AGRO	GERMANY	ELSTER KROMSCHRODER	GERMANY	KVC INDUSTRIAL SDN BHD	MAKALISA	SHANXI LONGXIANG ELECTRICAL CO LTD	CHINA
AICHI INSTITUTION INDUSTRY CO LTD	JAPAN	ELSTER LBE	GERMANY	KVC INDUSTRIAL SDN BHD (ROCKWELL AUTOMATION)	MAKALISA	SHANGHAI LEIPOLD ELECTRIC CO LTD	CHINA
ALGODUE	ITALY	EM ASIA MAGAZINE	SINGAPORE	LANDIS & GYR	SWITZERLAND	SHANGHAI UPON ELECTRIC CO LTD	CHINA
ALISH TECHNOLOGY CO LTD	TAIWAN ROC	EM SYSTEMS SDN BHD	MAKALISA	LATRONICS	AUSTRALIA	SHENZHEN INVT ELECTRIC CO LTD	CHINA
ALPHA AUTOMATION (SEL) SDN BHD	MAKALISA	EMH METERING	GERMANY	LE LABORATORY EQUIPMENT SDN BHD	MAKALISA	SIEMENS	GERMANY
ALR TECHNOLOGIES SDN BHD	MAKALISA	ENCO PIPES	UK	LEISTER GROUP OF COMPANIES	MAKALISA	SIOMA TECHNOLOGY SDN BHD	MAKALISA
AMETEK	USA	ENERSYS RESERVE POWER PTE LTD	SINGAPORE	LEISTER TECHNOLOGIES AG	SWITZERLAND	SIL TECHNOLOGY SDN BHD	MAKALISA
AMTECH POWER SDN BHD	MAKALISA	ENERWIS SOLUTIONS	HONG KONG SAR	LENZE S.E.A SDN BHD	MAKALISA	SIMEX	POLAND
ANEWTECH SYSTEMS PTE LTD	SINGAPORE	ENTHU TECHNOLOGY SDN BHD	MAKALISA	LES SARL - JUNCTION BOXES	FRANCE	SM CYCLO (MALAYSIA) S/B	MAKALISA
ANRITSU	USA	EPCOS TDK	GERMANY	LETTRIK BINATECH JAYA SDN BHD	MAKALISA	SM CYCLO AUSTRALIA PTY LTD	AUSTRALIA
ANV ELECTRIC (M) SDN BHD	MAKALISA	ESCALEPAS ARIZONA - LADDERS	SPAIN	LIAT S.A. - ELECTRICAL SAFETY EQUIPMENTS,	MAKALISA	SM CYCLO THAILAND CO LTD	THAILAND
APPLETON	USA	EUROSMC - TEST EQUIPMENT	SPAIN	TOOLS & TOOLINGS	ARGENTINA	SMART REPAIR TECHNOLOGIES SDN BHD	MAKALISA
AR ABAL ENGINEERING SDN BHD	MAKALISA	EXFO	CANADA	LOHTING TODAY	SINGAPORE	SMARTGEN TECHNOLOGY CO LTD	CHINA
ARTECH	SPAIN	EXTCH INSTRUMENTS	USA	LOOVER INDUSTRIAL CO LTD	INDIA	SM-CYCLO (MALAYSIA) SDN BHD	MAKALISA
ASSOCIATION OF SMALL & MEDIUM ENTERPRISES	SINGAPORE	FA CONTROLS SDN BHD	MAKALISA	LUTRON ELECTRONIC ENTERPRISE CO LTD	TAIWAN ROC	SOUTHEAST ASIA BUILDING	SINGAPORE
ASTRONERGY	CHINA	FATEK AUTOMATION CORP	USA	MAL-AUTONICS SENSOR SDN BHD	TAIWAN ROC	SS CABLE TIES AND TAGS	INDIA
ATOM-MIC POWER CO LTD	THAILAND	FERRAZ SHAWMUT	GERMANY	MARSHALL CAVENTISH (M) SDN BHD	MAKALISA	STOBER SINGAPORE PTE LTD	SINGAPORE
AUTOMA	ITALY	FLINTEC	USA	MADE SENSE GALLERY	MAKALISA	SUARA TEAM	MAKALISA
AXIS ELECTRICAL COMPONENTS (I) PVT LTD	INDIA	FLIR SYSTEMS	USA	MEE AUTOMATION SDN BHD	MAKALISA	SUMI CYCLO DRIVE INDIA PVT LTD	INDIA
AXIS WELD EXOTHERMIC	INDIA	FLUIDUX	SOUTH AFRICA	MEGER LIMITED	MAKALISA	SUMITOMO (SH) CYCLO DRIVE ASIA PACIFIC	SINGAPORE
B & I MARKETING	MAKALISA	FORTUNE ELECTRICAL CORPORATION (M) SDN BHD	MAKALISA	MENNECKS GMBH & CO KG	GERMANY	SUMITOMO DRIVE TECHNOLOGIES	JAPAN
BALLAND MESSE SERVICE GMBH	GERMANY	FUJI ELECTRIC INDUSTRY CO LTD	JAPAN	METAL WORK PNEUMATIC (M) SDN BHD	MAKALISA	SUN POWER AUTOMATION SDN BHD	MAKALISA
BEAMEX	USA	GALA SHRINK FIT	INDIA	MIKRO SDN BHD	MAKALISA	SUNON	TAIWAN ROC
BECK	GERMANY	GALA THERMO SHRINK	INDIA	MINILEC	INDIA	SUPER PAGES MEDIA SDN BHD	MAKALISA
BECKHOFF AUTOMATION SDN BHD	MAKALISA	GAMBIT LUBAWKA	POLAND	MITSUBISHI ELECTRIC ASIA PTE LTD	SINGAPORE	SUSTAINABLE ENERGY DEVELOPMENT AUTHORITY	MAKALISA
BEIJER ELECTRONICS	SWEDEN	GAZ/ENERGYS GMBH	GERMANY	MKS ADVANCE SDN BHD	MAKALISA	TAIWAN ROC	MAKALISA
BELDEN	GERMANY	GRID SENSE	AUSTRALIA	MOBA SDN BHD	MAKALISA	TECH-RENTALS (M) SDN BHD	MAKALISA
BENDER	UK	GUSTAV HENSEL GMBH & CO KG	INDIA	MULTITEK	MAKALISA	TECIS	GERMANY
BOARDMAN TRANSFORMERS LTD	MAKALISA	HANSEN INDUSTRIAL TRANSMISSIONS NV	BELGIUM	MUSCLE CORPORATION	MAKALISA	TENAGA NASIONAL BERHAD (TNB)	MAKALISA
BOSCH REXROTH SDN BHD	USA	HANSMENS MARKETING SDN BHD	MAKALISA	MX BUSINESS MEDIA	MAKALISA	TEKWAY INDUSTRIAL SDN BHD	MAKALISA
BRANSON ULTRASONIC CORPORATION	INDIA	HARTING SINGAPORE PTE LTD	MAKALISA	NEWERA TOOLS AND MACHINERY SDN BHD	MAKALISA	TECH-RENTALS (M) SDN BHD	MAKALISA
BRASS COPPER & ALLOY (I) LTD	INDIA	(MALAYSIA BRANCH OFFICE)	MAKALISA	NEXANS CABLE	FRANCE	TENAGA NASIONAL BERHAD (TNB)	MAKALISA
BRASS COPPER & ALLOY (I) LTD - HEX INDIA	INDIA	HEBEAR ALUMINUM PETROLEUM PIPE CO LTD	CHINA	NIPPON PULSE HONGKONG LIMITED	JAPAN	TENAGA NASIONAL BERHAD (TNB)	MAKALISA
BRASS GLANDS	INDIA	HENGYANG HUAYI MACHINERY CO LTD	CHINA	NUMATICS	SINGAPORE	TEN PHAT AUTOMATION CO LTD	VIETNAM
BROWNIE CONTROL	UK	HENSEL	GERMANY	OBO BETTERMANN GMBH & CO KG	GERMANY	TNB ENERGY SERVICES SDN BHD (TNBES)	MAKALISA
BUILDING & INVESTMENT	MAKALISA	HIGH VOLTAGE PARTIAL DISCHARGE LTD	UK	OMRON	MAKALISA	TNB ENGINEERING CORPORATION SDN BHD (TNEC)	MAKALISA
CABLE LUGS	INDIA	HIOKI	JAPAN	OMRON	MAKALISA	TNB REPAIR AND MAINTENANCE SDN BHD	MAKALISA
CAMSCO ELECTRIC CO LTD	TAIWAN ROC	HONG SENG POWER SDN BHD	MAKALISA	ONESTO (M) SDN BHD	MAKALISA	(TNB REMACO)	MAKALISA
CATU S.A. - ELECTRICAL SAFETY EQUIPMENT	FRANCE	HONGZHOU BETA EQUIPMENT MANUFACTURE CO LTD	CHINA	OUTBACK	ITALY	TNB RESEARCH SDN BHD (TNBR)	MAKALISA
CC-LINK PARTNER ASSOCIATION (ASEAN) C/O	SINGAPORE	HSIANG CHENG ELECTRIC CORP	TAIWAN ROC	OXFORD BUSINESS GROUP	UAE	TOSHIBA TRANSMISSION & DISTRIBUTION SYSTEMS	MAKALISA
MITSUBISHI ELECTRIC ASIA PTE LTD	SINGAPORE	HYD	MAKALISA	OXFORD BUSINESS MAGAZINE	UAE	ASIA SDN BHD	MAKALISA
CHINT ELECTRIC CO LTD	CHINA	HYGROW SDN BHD	MAKALISA	OZLUX SDN BHD	MAKALISA	TOTAL METERING SOLUTION SDN BHD	MAKALISA
CITELUM/DELOCOM - TELEMANAGEMENT SYSTEM	FRANCE	IED COMMUNICATION PTE LTD	INDIA	P & P PROCESS & PNEUMATICS SDN BHD	MAKALISA	TRADE LINK MEDIA PTE LTD	SINGAPORE
CMS SUPPLIES SDN BHD	MAKALISA	IEI	TAIWAN ROC	PANDUIT	USA	TRETECH SISTEMAS DIGITAIS LTDA	BRAZIL
COGNEX	IRELAND	I-LINEAR AUTOMATION (JOHOR) SDN BHD	MAKALISA	PATLITE	JAPAN	TRIDELTA UBERSPANNUNGABLEITER GMBH	GERMANY
CONTINIO MEDIA PTE LTD	SINGAPORE	I-LINEAR AUTOMATION (PG) SDN BHD	MAKALISA	PENTIA ENGINEERING SERVICES SDN BHD	MAKALISA	TSI	USA
CONTROL ENGINEERING ASIA	SINGAPORE	IME TRADING SDN BHD	MAKALISA	PETROCHEM SAFETY (M) SDN BHD	MAKALISA	UNIPULSE CORPORATION	TAIWAN ROC
CONWAY TERMINALS MANUFACTURER SDN BHD	USA	IMS ENGINEERING SDN BHD	MAKALISA	PG CLAMPS & LINE TAPS	INDIA	UNITED U-LI CORPORATION BERHAD	MAKALISA
CORDEX	TAIWAN ROC	INDKOM ENGINEERING SDN BHD	MAKALISA	PILOT	CHINA	VAMP	FINLAND
COTEX	CHINA	INDUSTRIAL AUTOMATION	MAKALISA	POLE LINE HARDWARE	INDIA	VIRTUAL INSTRUMENTS SDN BHD	MAKALISA
CSEC	USA	INDUSTRIAL AUTOMATION (M) SDN BHD	MAKALISA	POLE MOUNTED DISTRIBUTION BOX	INDIA	VP INSTRUMENTS	THE NETHERLANDS
CYBECTEC	JAPAN	INDUSTRIAL AUTOMATION ASIA (IAA)	SINGAPORE	PORTWAY TECHNOLOGY SDN BHD	POLAND	WALTRER	GERMANY
DAIICHI INSTITUTION INDUSTRY CO LTD	CHINA	INFOTODAY	MAKALISA	POWER & ENERGY SOLUTION	MAKALISA	WATLOW ELECTRIC MANUFACTURING COMPANY	USA
DAIJI INSULATOR GROUP CO LTD	CHINA	INTERTEK GROUP PLC	CHINA / UK	POWERMATE	TAIWAN ROC	WEND EURO-DRIVE (MALAYSIA) SDN BHD	MAKALISA
DASSAULT SYSTEME	USA	IPD INDUSTRIAL PRODUCTS	AUSTRALIA	POWERQUEST INDUSTRIES SDN BHD	MAKALISA	WIKI ALEXANDER WIEGAND SE & CO KG	GERMANY
DATA CONTROL INTERNATIONAL LTD	IRELAND	IPC ENGINEERING (M) SDN BHD	MAKALISA	PROSWELL INDUSTRIAL SUPPLIES SDN BHD	MAKALISA	WIKI INSTRUMENTATION SDN BHD	MAKALISA
DEHN + SOHNE GMBH & CO KG	GERMANY	IRISS	SINGAPORE	Q-LIGHT CO LTD	REPUBLIC OF KOREA	WOINER GMBH & CO KG	GERMANY
DEKRA CERTIFICATION B.V	THE NETHERLANDS	JASA ENGINEERING (M) SDN BHD	MAKALISA	REXEM ENGINEERING PTY LTD	SOUTH AFRICA	YOSHIMA SANGYO CO LTD	JAPAN
DEMEX	THAILAND	JATI COMBUSTION SYSTEM SDN BHD	MAKALISA	REXEM ENGINEERING SDN BHD	MAKALISA	YEAN HERN ENTERPRISE CO LTD	CHINA
DESTACO	USA	JDSU	USA	RION	JAPAN	YONGSUNG ELECTRIC CO LTD	REPUBLIC OF KOREA
DEKMA TECH	SPAIN	JEAN MULLER	GERMANY	RITZ INSTRUMENT TRANSFORMATION GMBH	GERMANY	YUEQING GOMELONG METER CO LTD	CHINA
DIGI INTERNATIONAL	USA	JIANGSU LIYANG YUNLONG EQUIPMENT	CHINA	RITZ INSTRUMENT TRANSFORMERS PTE LTD	SINGAPORE	ZECK GMBH	GERMANY
DIMENSION PUBLISHING	MAKALISA	MANUFACTURING CO LTD	CHINA	ROBOSTAR CO LTD	REPUBLIC OF KOREA	ZENON	FRANCE
DIRAK ASIA PTE LTD	SINGAPORE	JIANGSU SHENG ELECTRIC CO LTD	CHINA	ROCKWELL AUTOMATION	USA	ZENSO AUTOMATION INC	CANADA
DOEKA ASIA SDN BHD	MAKALISA	JOHNSON CONTROL INTERNATIONAL	USA	ROTRONIC	SWITZERLAND	ZHEJIANG CHINT ELECTRICS CO LTD (NOARK)	CHINA
DOEKA EUROPE GMBH	GERMANY	JURUTERA MAGAZINE	MAKALISA	RPS AUTOMATION SDN BHD	MAKALISA	ZHEJIANG GACIA ELECTRICAL APPLIANCE CO LTD	CHINA
DPI INDUSTRIES SDN BHD	MAKALISA	KAKATYA ENERGY SYSTEMS LTD	INDIA	RUDOLF	SINGAPORE	ZHEJIANG SAM ELECTRIC CO LTD	CHINA
DPSSTAR THERMO CONTROL ELECTRIC SDN BHD	MAKALISA	KELVATEK LTD	IRELAND	RUNH POWER PLANT ENGINEERING	CHINA	ZHEJIANG XIANGHENG INTERNATIONAL GENERAL EQUIPMENT CO LTD	CHINA
DPSSTAR THERMO ELECTRIC SDN BHD	MAKALISA	KILEWS INDUSTRIAL CO LTD	TAIWAN ROC	TECHNOLOGY CO LTD	CHINA	ZHENGZHOU JINSHUI INDUSTRY & COMMERCE CO LTD	CHINA
DRANETZ-BMI	USA	KINCO ELECTRIC (SHENZHEN) LTD	CHINA	SAKMOON SDN BHD	MAKALISA		
DRIVES & AUTOMATION (M) SDN BHD	MAKALISA	KLAUKE - CABLE ACC TOOLS & TOOLINGS	GERMANY	SCG CONTROL SOLUTION SDN BHD	MAKALISA		
DS TECHNOLOGY & SERVICES SDN BHD	MAKALISA						
DWYER	USA						
EARTHING MATERIALS	INDIA						
EASTERN TRADE MEDIA PTE LTD	SINGAPORE						
ECOTAFU MALAYSIA SDN BHD	SINGAPORE						
EDMI	SINGAPORE						

CIREN will be presenting Asset Management Conference for Electric Utilities. Held alongside ASEAN Elenex 2013, the conference theme is **“BUILDING ASSET MANAGEMENT CAPABILITIES TOWARDS BUSINESS EXCELLENCE & SMART GRID”**.

CONFERENCE PROGRAM

20 – 22 March 2013
Kuala Lumpur Convention Center, Malaysia

DAY 1, WEDNESDAY 20 MARCH 2012

- 0830 Registration
0845 Special Welcome by Organizing Chairman (Note: Opening Ceremony is scheduled on 21st March to coincide with Opening of ELENEX 2013)
0900 Keynote Presentation :
0945 Coffee Break
SESSION 1: Asset Management & G,T & D Utility Business – Industry Trends & Emerging Standards
1015 Paper 1 - Utility Business & Asset Management
1045 Paper 2 - Asset Management Fundamental, Standards & Best Practices
1115 Q & A session
1130 Lunch Break
SESSION 2: Implementing Strategic Asset Management for Electric Utilities - Approaches, Challenges & Learning Lessons
1400 Paper 3 - Paper by TNBD
1445 Paper 4 - Paper by ILSAS
1530 Paper 5 - Asset Management Transformation Journey – Challenges & Opportunities for ASEAN utilities
1615 Q & A session
1630 Refreshment

DAY 2, THURSDAY 21 MARCH 2013

- 0900 Official Joint Opening of ELENEX Exhibitions 2013 & CIREN Asset Management Conference 2013 by RH Minister
1000 Coffee Break
SESSION 3: Components of Asset Management System & Best Practices
1030 Paper 6 - Innovations in Asset Management Software for Electricity Plant & Distribution Networks
1100 Paper 7 - Developing Risk-Based Asset Strategy
1130 Paper 8 - Investment Planning & Optimization
1200 Paper 9 - Asset Management Plan
1230 Q & A session
1245 Lunch Break
SESSION 4: Asset Life Cycle Management for Switchgears
1400 Paper 10 - Failure Analysis of Bushing Epoxy in 33kV Switchgear
1430 Paper 11 - Technology Assessment of Fixed & Withdrawal Medium Voltage AIS
1500 Paper 12 - Evaluation of MV magnetic actuator driven switchgears in TNB
1530 Refreshment Break
1545 Paper 13 - Analysis of Very Fast Transient Overvoltage on 275kV GIS in TNB
1615 Paper 14 - Intelligent Condition Monitoring & Analysis System for Substation Equipment Using Multi-resolution S-Transformation Technique
Q & A session

DAY 3, FRIDAY 22 MAR 2013

- SESSION 5 : Asset Life Cycle Management for MVUG cables**
0845 Paper 15 - Asset Strategy & CBM roadmap for TNBD by TNBR by Huzaine, TNBR
0915 Paper 16 - Identification of joints affected by water ingress in complex hybrid MV cable networks
0945 Refreshment Break
1000 Paper 17- Joint application of VLF withstand, Tan Delta and PD Diagnostics for MVUG cables
1030 Paper 18 - On-line Condition Monitoring with Dynamic Cable Rating
1100 Paper 19 - Determination of Supervisory Pilot Cable Fault Location Using TDR
1130 Q & A session
1145 Lunch Break
SESSION 6: Advanced Life Cycle Management of Transformers
1430 Paper 20 - Reliability Analysis of Distribution Transformers Using Weibull-Bayesian Statistics
1500 Paper 21 - Practical Experiences on Comprehensive Diagnostic & Condition Assessment of Power Transformers
1530 Paper 22 -
1600 Q & A - Closing
1615 Refreshment Break

Ir. Halim Bin Osman (mobile: +6019-3856970, e-mail: halimtamsb@gmail.com)

or

Zuraina Zamri (mobile: +6012-6488743, email: zurainazamri@gmail.com)

3 Days Conference Registration Fee – RM 1,500

Organized by:



Supported by:



There is more than just an exhibition. View the Official Programme of Events for details of the lined-up activities held alongside AE 2013 & IA 2013.

OFFICIAL PROGRAMME OF EVENTS

20 – 23 March 2013
Kuala Lumpur Convention Center, Malaysia

DAY 1, WEDNESDAY 20 MARCH 2012

- 10.00am - 6.00pm Exhibition Opening Hours (*Open to Professionals & Trade Visitors only*)
Halls 1 – 4 (Ground Floor), Kuala Lumpur Convention Center
8.30am - 4.30pm Asset Management Conference for Electric Utilities 2013 by CIREN (*Conference Delegates*)
Plenary Theatre, Level 3, KLCC
11.00am - 1.30pm Technical Seminar by GE Energy
Title: In-Service Condition Assessment of Large Power Transformers (*Open to Professionals & Trade Visitors and Exhibitors*)
Technical Room 1, Hall 1 (Ground Floor)
2.00pm - 3.00pm Technical Seminar by Petrochem Safety.
Title: Arc Suit / Electrical Suit Presentation (*Open to Professionals & Trade Visitors and Exhibitors*)
Technical Room 1, Hall 1 (Ground Floor)

DAY 2, THURSDAY 21 MARCH 2013

- 10.00am - 6.00pm Exhibition Opening Hours (*Open to Professionals & Trade Visitors only*)
Halls 1 – 4 (Ground Floor), Kuala Lumpur Convention Center
9.00am - 5.00pm Asset Management Conference for Electric Utilities 2013 by CIREN (*Conference Delegates*)
Plenary Theatre, Level 3, KLCC
10.00am - 12noon Opening Ceremony of ASEAN Elenex 2013 / Industrial Automation 2013/ CIREN's Asset Management Conference for Electric Utilities 2013 (Guest of Honor TBC). VIP Tour of the Exhibition (*By Invitation*)
Plenary Theatre, Level 3, KLCC
10.00am - 1.30pm Technical Seminars by Beckhoff
Title: Beckhoff Automation Update- World's smallest servo drive (*Open to Professionals & Trade Visitors and Exhibitors*)
Technical Room 1, Hall 1 (Ground Floor)
2.00pm - 3.00pm Technical Seminar by Encompass
Title: IEC 61439 - Introduction (*Open to Professionals & Trade Visitors and Exhibitors*)
Technical Room 1, Hall 1 (Ground Floor)
3.30pm - 4.30pm Technical Seminar by DEKRA.
Title: Advantage of 3rd Party testing over CE (*Open to Professionals & Trade Visitors and Exhibitors*)
Technical Room 1, Hall 1 (Ground Floor)

DAY 3, FRIDAY 22 MARCH 2013

- 10.00am - 6.00pm Exhibition Opening Hours (*Open to Professionals & Trade Visitors only*)
Halls 1 – 4 (Ground Floor), Kuala Lumpur Convention Center
8.45am - 4.15pm Asset Management Conference for Electric Utilities 2013 by CIREN (*Conference Delegates*)
10.00am – 1.30pm Technical Seminars by Beckhoff
Title: Beckhoff Automation Update - World's smallest servo drive (*Open to Professionals & Trade Visitors and Exhibitors*)
Technical Room 1, Hall 1 (Ground Floor)
2.00pm - 3.00pm Technical Seminar by Encompass
Title: IEC 61439 - Routine verification systems (*Open to Professionals & Trade Visitors and Exhibitors*)
3.30pm - 4.30pm Technical Seminar by DEKRA.
Title: Advantage of 3rd Party testing over CE (*Open to Professionals & Trade Visitors and Exhibitors*)
3.30pm - 4.30pm Technical Seminar by Rockwell Automation
(*Open to Professionals & Trade Visitors and Exhibitors*)
3.30pm - 4.30pm Technical Seminar by Rockwell Automation
Title: 1) Rockwell Automation Asset Management Program.
2) Repair And Exchange Program by Rockwell Automation.
3) Lifecycle Extension Agreement.
(*Open to Professionals & Trade Visitors and Exhibitors*)
Technical Room 2, Hall 1 (Ground Floor)

DAY 4, SATURDAY 23 MARCH 2013

- 10.00am - 5.00pm Exhibition Opening Hours (*Open to Professionals & Trade Visitors only*)
Halls 1 – 4 (Ground Floor), Kuala Lumpur Convention Center
10.00am - 4.30pm Technical Seminars
(*Open to Professionals & Trade Visitors and Exhibitors*)
Technical Room 1 & 2, Hall 1 (Ground Floor)

N.B.: The above schedule is subject to changes. As at 20th February 2013



**TENAGA
NASIONAL BERHAD**

Bumiputera Vendor Development Programme

INDKOM ENGINEERING SDN BHD



IESB is an internationally renowned manufacturer of electrical distribution equipment. With experienced and dedicated team, IESB has the ability to deliver quality products that meet the international standards and specifications.

KRIZIK (MALAYSIA) SDN BHD



Krizik (Malaysia) Sdn. Bhd. is metering company and also TNB Meter Vendor that equipped with manufacturing, assembly, calibration and testing facilities for single phase and three phase electricity meters.

NOVABRITE LIGHTING SDN BHD



REPL (M) SDN BHD



Manufacturer Of World Class Power & Telecom Joints, Terminations, Insulators Of Premoulded (Silicone) / Non-Thermal And Heatshrink Type Upto 36KV. Repl Brand Is Sold In Over 45 Countries For Last 35 Years.



SMART METER TECHNOLOGIES SDN BHD



Mk29 advance single phase electronic revenue meter built on the abacus metering platform, the Mk29 is a multi-functional meter with advance features, The Mk29 is suitable for both indoor and outdoor installation.

ANNOUNCEMENT:

**There will be Power Talks by
TNB. Look out for the details
on the website soon.**

EXHIBITORS' PRODUCT HIGHLIGHTS

www.aseanelenex.com • www.asean-ia.com

ABB MALAYSIA SDN BHD



ABB robots can transform your productivity, product quality and competitiveness. With many process skills already built in, they are easily adaptable for different production tasks such as welding, handling, assembly, painting and finishing, picking, packing, palletising and machine tending. To find out more, visit www.abb.com/robotics.



ABB low-voltage circuit breakers, switches and control products protect people, buildings and equipment from electrical overloads. ABB line protection products, wiring accessories, enclosures and cable systems control and protect building installations. For more information, visit www.abb.com/lowvoltage.



The Discrete Automation and Motion (DM) division offers a wide range of products and services including drives, motors, generators, power electronics systems, rectifiers, power quality products, photovoltaic inverters, programmable logic controllers (PLCs), and robots. These products help customers to improve productivity, save energy, improve quality and generate energy. For more information, visit www.abb.com.

ALPHA AUTOMATION (SEL) SDN BHD



CHINT - "More Than Power"

The biggest LV components manufacturer in China. The control is more intelligent, design more human, installation more convenient, operation more stable.

ALR TECHNOLOGIES SDN BHD

We Specialise in: PLC, SCADA and HMI Products.

Our Mission: Engineering Assistant & Support For PLC & SCADA Software Development, System Start-up & Commissioning.



ANEWTECH SYSTEMS PTE LTD

15" Industrial Panel PC with Intel® Atom™ D525 1.8GHz CPU, Dual combo gigabit LAN ports and flexible expansion interface (Two PCI slots or one PCI slot + one PCIe1 slot).



AR GLOBAL ENGINEERING SDN BHD



World Class Systems Integrator
PLC Solutions – Familiar With All Leading Brands – Upgrades E.G. S5 to S7 Migration Etc
Indigenous Scada Software – Realflex
Telemetry – Water; LPG
PLC / Scada Training

AXIS ELECTRICAL COMPONENTS (I) PVT LTD



AXIS INDIA manufacturer of wide range of Electrical Cable accessories, Earthing Materials, Lightning protection, AB cable accessories, OH line Connectors, Exothermic Weld Mtl, SS ties to International Standard.

BECKHOFF AUTOMATION SDN BHD



The new EL7201 servo terminal integrates a complete servo drive for motors up to 200W into EtherCAT-terminal housing which simplifies cabling and commissioning considerably and reduces spatial requirements and costs.

BOSCH REXROTH SDN BHD



"The Drive & Control Company"

CC-LINK PARTNER ASSOCIATION (CLPA)



The CC-Link Partner Association (CLPA) works together with its partners to promote worldwide adoption of CC-Link technology for high speed deterministic network communications in industrial automation applications.

CHINT ELECTRIC CO LTD



CHINT T&D plays a leading role in electric industry, providing safe, reliable and efficient power transmission and distribution equipments like transformers, GIS, switchgear panel, disconnector, etc. in over 121 countries.

A ONE UNION (M) SDN BHD

A ONE UNION (M) SDN BHD - A leading ISO9001:2000 original equipment manufacturer for thermocouple & resistance bulb, SCR phase controller, temperature transmitter, probe, t/c extension wire and t/c & heater accessories.



ASSOCIATION OF SMALL & MEDIUM ENTERPRISES



Established for Entrepreneurs, by Entrepreneurs, the Association of Small and Medium Enterprises (ASME) is a non-profit organisation striving to promote a more conducive business environment for the Singapore SME community.

BALLAND MESSE SERVICE GMBH



The official German presentation is presented by the Federal Germany Ministry of Economics and Technology in cooperation with AUMA - Association of the German Trade Fair Industry.

BOARDMAN TRANSFORMERS LTD



Boardman Transformers will be showing there increasing range of Linear and switching Battery Charges alongside our Control Transformers, Power Transformers and din rail mounted and plug in monitoring relays.

CAMSCO ELECTRIC CO LTD



CamSCO was established in 1979 as a manufacturer and exporter of a wide range of electrical components. Please see our website for more product details : www.camSCO.com.tw

CETM ELECTROTEST SDN BHD



High Definition Wireless Articulating VideoScopes - Easy one-hand operation of the articulating camera tip facilitates viewing in obstructed areas where standard camera tips cannot access.

CMS SUPPLIES SDN BHD



CMS, the most Creative Motion Solution provide NPM motion control system, Cool Muscle Stepper and AC servo system integrated all functions for motion control and Akribis high intelligent Linear Motor.

CONWAY TERMINALS MANUFACTURER SDN BHD



Conway has 34 years of experience in developing high quality, reliable electrical connectors. We also develop our own crimping tools. Local & overseas business co-operation is always WELCOME!

DAIICHI INSTITUTION INDUSTRY CO LTD



Daiichi Institution Industry is a manufacturer of vertical continuous conveyors achieving a high level of transport distribution between the low-cost and space-saving.

DEHN + SOHNE GMBH & CO KG



The modular devices of the DEHNsecure product family are coordinated lightning current arresters for DC applications with a discharge capacity of 25 kA (10/350).

DEKRA CERTIFICATION B.V



DEKRA, the leading Testing, Inspection and Certification organisation, known for its KEMA-KEUR, is specialised in (electrical) safety, environment and health. We support our clients (inter) nationally, demonstrating compliance with safety regulations.

DIRAK ASIA PTE LTD



DIRAK, a global designer, manufacturer and distributor of innovative, high-quality latching, locking, gasket and hinging systems.

Worldwide leading supplier for mechanical electronic locking, latching and hinging systems for industrial enclosures.

DOEKA ASIA SDN BHD



DOEKA is a Leading Supplier for Advanced Industrial Automation. DOEKA is German Technology, Made in Malaysia. Minimising costs is our business – since 1966. Go ahead... We automate your success!

DPI INDUSTRIES SDN BHD



Ozlux Sdn Bhd manufactures Energy Saving Lamps mainly T5 Fluorescent, LED Series (OZLED), Induction Series and Maxi Series. OZLUX & OZLED are registered brands under Ozlux Sdn Bhd.

DPSTAR THERMO CONTROL ELECTRIC SDN BHD



TECSIS - Technology in pressure sensor, it covers a wide range of products from Transmitters, Gauges to Switches. It's able to give you a high precision accuracy up to 0.01%.

DPSTAR THERMO ELECTRIC SDN BHD



Beijer Electronics offers a complete portfolio of cutting-edge HMI products that suit any HMI need: From small to large projects and from general industry to oil and gas applications.

DRIVES & AUTOMATION (M) SDN BHD



Our group is the provider for the drives solutions & control system for factory automation.

We assure the customer with quality products and service to give them best value for money.

DS TECHNOLOGY & SERVICES SDN BHD



Portable illuminance spectrophotometer for evaluation of next high class next-generation lamps such as LED and EL illumination. The first spectrophotometer that conforms to both DIN and JIS standards.

ECOTRAFO MALAYSIA SDN BHD



ECOTRAFO MALAYSIA, the pioneer in manufacturing state of the art technology of enhance symmetrical 3-D wound core transformer that evolve to a higher efficiency yet environmental friendly product.

EETARP ENGINEERING SDN BHD



We endeavor to deliver excellence in Electrical Safety, Power Quality and Energy Management solutions based on the latest technology to help our Customers reduce costs and improve reliability.

EM SYSTEMS SDN BHD



EM Systems Sdn Bhd is an Authorised Distributor for Patlite & Omron's product in central region and specialised in Industrial Automation, Control, Visual & Audible signaling and sensing components. Our service ranges are inclusive product application, system integration and commissioning related to industrial automation and product training.

ENCOMPASS GROUP



Encompass Group is the holding company of three separate highly technical engineering companies: Termate (busbar manufacturer, termate.com); 3 Phase Design (training and consultancy, 3phasedesign.com) and KA Testing Facility (LV test laboratory, ka-testing.com). Our common factor is the standard IEC 61439.

FA CONTROLS SDN BHD



INVT Inverter offers good quality products (TÜV SÜD certified) in low price. High performance products aimed at the general inverter market.

GAZ / ENERSYS GMBH



EnerSys GAZ® Ni-Cd battery is one of the most reliable for operating under extreme environmental conditions with 20 years life time. Made in Germany, GAZ® provides high security decentralised solutions.

HARTING SINGAPORE PTE LTD (MALAYSIA BRANCH OFFICE)



Han-Fast® Lock makes circuit board production easy. It is easy to connect up to 60 A current to a circuit board.

HYGROW SDN BHD



Your Green Lighting Hub - An end-to-end solution for office & building, factory and industrial to save their lighting energy up to 50%.

ENTHU TECHNOLOGY SDN BHD



Energy service company offering attractive energy performance contract.

FORTUNE ELECTRICAL CORPORATION (M) SDN BHD



Fortune Electrical Corporation (M) Sdn Bhd distributes its own CROWN brand of electrical products which is awarded the 2011 Malaysia Power Brand for outstanding achievement of best quality products.

GUSTAV HENSEL GMBH & CO KG



Hensel is a leading, German mid-sized family owned company specialising in the manufacture of electrical installation and power distribution systems for "difficult environments" for more than 81 years. Hensel products can be easily used in extreme environments and under tough conditions.

HSIANG CHENG ELECTRIC CORP



Class up to 0.02 HC3000 series, Portable Testing Instrument with outstanding appearance is the best solution for Field Testing / Energy, Measuring / Comprehensive Automation test, and keeps all testing accessories in one compact kit.

IME TRADING SDN BHD



IME Technology specialise in total solution in CAD, CAM and CAE including consultancy, technical support, training and certification to the industries and institution. We expand our capabilities by providing value-added services.

I-LINEAR AUTOMATION SDN BHD



A Compact, Space Saving, wiring system compatible with multiple brand PLC & SERVO system. Screw, Screw less & Barrier type are available.



MITSUBISHI ELECTRIC ASIA PTE LTD

The L-series is the latest MELSEC product renowned for exceptional performance and rock solid reliability. With its excellent cost performance and usability, it is ideal for mid-size control applications.

IMS ENGINEERING SDN BHD



Specialist in Critical Environment Infrastructure:

- Data Centre, Network Control Centre, Call Centre, Business Continuity Recovery Centre, Clean Room
- Building Environment Monitoring System
- M & E Service & Interior Decoration
- IT Infrastructure
- Facilities Management
- Uninterruptible Power Supply (UPS)
- Battery

INDUSTRIAL AUTOMATION (M) SDN BHD



Industrial Automation is the distribution arm of Vitar Bros Group or Companies. As sole distributor and manufacturer of many reputable brands, a wide range of electrical lighting system and automation products.

INTERTEK GROUP PLC



ASTA Verification Test Certification is a well established certification system used in the Electrical Transmission, Installation and Distribution industry.

IPEC ENGINEERING (M) SDN BHD



IPEC MY (Innovative Power Engineering Company) is a leading Engineering company specialising in Consultancy, Procurement, Commissioning, Training and Field Testing of High Technology products for the Power Industry.

JASAMA ENGINEERING (M) SDN BHD



JASAMA specialises in the field of ELECTRICAL SAFETY. JASAMA represents CATU, KLAUKE, LES, EUROSMC, CITELUM, EDELCOM. Together with network of distributors, we acknowledge commitment and obligations to our customers.

JATI COMBUSTION SYSTEM SDN BHD



To design heating and combustion system inclusive of installation and commissioning. Specialise in self recuperative burner for energy saving.

KINCO ELECTRIC (SHENZHEN) LTD



Kinco manufactures machine automation solutions:

- AC Servo & Stepper built with German know-how
- 1,200,000+ Kinco HMI running all over the world
- Vector control AC Drives (VFD / inverter)

KREMPEL GMBH



We insulate the future: Renewable energy Smart grids. Environmentally friendly electromobility with energy-efficient electrical insulating materials made by KREMPEL-GROUP.

KUASA JATI SDN BHD



Kuasa Jati Sdn Bhd is one of the ABB distributor in Malaysia. We mainly supply on low voltage products like ACB, MCCB, Contactor, TOR, MCB, ELCB and ETC.

KVC INDUSTRIAL SDN BHD (ROCKWELL AUTOMATION)



LISTEN . THINK . SOLVE .

KVC INDUSTRIAL SDN BHD



Belden Double Bubble™ Compression System offers a fully integrated compression tool and connector system to ensure a secure, permanent connection for most popular coaxial Cables.



TDK-Lambda's Genesys™ power supplies were developed for production facilities for semiconductors, automobiles, PDP, organic EL displays, and ultra-pure water, measuring instruments, testing equipment, and research and development equipment.

LEADER GROUP OF COMPANIES



The LEADER Group is the largest cable & wire producer in Malaysia and South East Asia. The Group comprises of Universal Cable (M) Bhd and Leader Cable Industry Berhad, which have been main manufacturing cables & wires of impeccable quality for more than 46 years of experience.

LENZE S.E.A SDN BHD



Lenze- as easy as that!

As a specialist in drive and automation technology from Germany, we develop, manufacture and sell innovative products, complete systems and geared towards developing creative solutions.

LE LABORATORY EQUIPMENT SDN BHD



We bring to you latest FLIR Thermal Imaging Cameras and EXTECH IR Cameras.

Both cameras provide high quality, cost effective, point-and-shoot infrared thermal images and easy-to-use.

LOOVER INDUSTRIAL CO LTD



Kilews Brushless Power Torque Electric Screwdriver can replace pneumatic screwdrivers to perform heavy duty work with stable torque at max. 18N.m.

MAL-AUTONICS SENSOR SDN BHD



Autonics Korea, sensor and controller manufacturer founded in 1977, enters into Malaysia market with establishing Malaysia Autonics in 2007. We produce over 5,000 items such as photo / proximity, Logic & Graphic Panel, Stepping motor etc.

MENNEKES GMBH & CO KG



The AMAXX® Evolution: now also available for Automation components besides Energy and Industrial Ethernet.

MIKRO SDN BHD



Mikro Company is involved in design, manufacturing & marketing of IEDs (Intelligent Electronic Devices) for power industries. Products include digital protective relays, power factor regulators, power meters and voltage devices.

ONESTO (M) SDN BHD



Onesto electric has more than 10 years experience in manufacturing low voltage electrical products. Onesto is a name of quality that focuses on customer's safety and satisfaction.

PENTA ENGINEERING SERVICES SDN BHD



The high quality of Hensel products can be easily used in extreme environments and under tough conditions. They are resistant to UV radiation, impacts, dust & water.

POWERQUEST INDUSTRIES SDN BHD



DPI Sdn Bhd has a wide range of Current Transformers. Mainly, Split-Core, Encased, Resin Encapsulated & Tape Wound. DPI also manufactures Busbar Supports, Fuse Switches and High Voltage Insulators.

SAMKOON SDN BHD



The Industrial Pioneer of HMI & PLC
HMI - 3.5"-12.1" with 262144 colors
- USB Host & Device, Ethernet
RS232/485/422
IPC - 12", 15", 17"
- Win XP/XPE/CE
- TFT LCD Screen

MEGGER



Megger designs and manufactures in their UK, Sweden and USA plants, portable electric test equipments. Megger products have supported customers in improving efficiency, reducing cost and extending the lifespan of their electrical assets.

METAL WORK PNEUMATIC (M) SDN BHD



NEW TECHNOLOGY! With PNEUMO POWER (Pneumatic Power Generator), no more power cables, electric connectors or electrical rotating manifolds, compact, easy installation, no maintenance, low operational cost, no application danger.

OBO BETTERMANN GMBH & CO KG



OBO - 30.000 innovative products for electrotechnical infrastructure
• Connector and fastening systems
• Transient and lightning protection systems
• Cable support systems
• Fire protection systems
• Cable routing systems
• Device systems
• Underfloor systems

P & P PROCESS & PNEUMATICS SDN BHD



We are automation solution provider, system integrator and distributor in the field of fluid power, instrument, and machine vision & ID.

PETROCHEM SAFETY (M) SDN BHD



Petrochem Safety supplies arc suit Hazard Risk Category (HRC) level 1 to 4. We have been supplying to many electrical related companies in Malaysia, Brunei, Indonesia and Singapore.

RITZ INSTRUMENT TRANSFORMATION GMBH



RITZ is the leading manufacturer of Instrument Transformers, Busbar Systems and special Dry Transformers merging more than 200 years of experience. Numerous companies put their trust in RITZ's innovative technology.

SCL SYSTEM ENTERPRISE PTE LTD



SCL System dedicate ourselves to be a comprehensive supplier to our customer. Establishing long-term business and building rapport on our customer needs demands in different industries.

SCOPE



SCOPE pioneers in providing Test & Measuring instruments and Testing & Commissioning services for live switchyards up to 1200kV. We manufacture portable circuit breaker, surge arrestor and transformer field-testing equipment.

SHANGHAI LEIPOLD ELECTRIC CO LTD



Terminal blocks, fan & filters, thermostats, transformers.

SM-CYCLO (MALAYSIA) SDN BHD



Sumitomo Drive Technologies, global leader in gearbox and gearmotor technology, provides solutions to most industrial power transmission needs with several products including Cyclo®, Paramax®, Hyponic®, Prest®, HSM®, Hansen® and SEISA®.

SUN POWER AUTOMATION SDN BHD



MOVING FORWARD TOGETHER with LS advance technology and better solution for power distribution, proudly distributed by SUN POWER AUTOMATION SDN BHD.

TEAKWAY INDUSTRIAL SDN BHD



TEAKWAY INDUSTRIAL SDN BHD specialises in flexible manufacturing of precision sheet metal works, outdoor / indoor cabinet, general engineering construction works and we also provide any suitable items base on client's request.

TOTAL METERING SOLUTION SDN BHD



Total Metering Solution offers metering lifecycle services from consultancy, systems development, integration to applications management, implementation and support. We are specialising in professional metering systems and solutions and switchgear components.

TRIDELTA UBERSPANNUNGSABLEITER GMBH



TNB-approved manufacturer of surge arresters for high and medium voltage.

SERVO DYNAMICS PTE LTD



Servo Engineering Sdn Bhd was incorporated in 1990 to distribute power transmission products in Malaysia. Later on, the business diversified to providing motion control solutions and robotic applications to industries, institutions and system integrators.

SMARTGEN TECHNOLOGY CO LTD



Idea for power, Smartgen gensets controller manufacturer want to install heart for each generator and supply best service for each customer.

STOBER SINGAPORE PTE LTD



SWIFT AUTOMATION SDN BHD (SASB)



DIN Rail Terminal Blocks



Control Cabinet Interface



Safety Technology



VPN Router

SASB specialise in factory automation sensors, factory automation control systems, PLC, HMI, Scada, general electrical items, design / fabricate all types of heating element, thermocouple, RTD sensor, heater wire, thermocouple wire & etc...

TECH-RENTALS (M) SDN BHD



Tech-Rentals is the leader in test and measurement rental market in Malaysia. Providing rental for a wide range of products eg. Power Quality Analysers, Electrical Tester.

Visit us: www.techrentals.com.my

TOSHIBA TRANSMISSION & DISTRIBUTION SYSTEMS ASIA SDN BHD



As a global leader in the technology and quality of power transmission and distribution systems, Toshiba contributes to supplying reliable energy all over the world. Utilising our strategic global network of sales & manufacturing bases, Toshiba is committed to provide leading products and services to our customers.

TURBOPOWER SCIENCE & TECHNOLOGY COMPANY



Detailed Work Makes Quality. Our Quality Equals Perfection. Yolico VFD - The best choice for success in Automation Field.

UNITED U-LI CORPORATION BERHAD



United U-LI is a renowned manufacturer of steel cable support systems, cable management systems and fluorescent light fittings. Its products are widely used in major installations in Malaysia and regionally.

VSD AUTOMATION SDN BHD



VSD Automation are sole agent for Vamp Protection Relay; specialising in Arc Protection System. We provide comprehensive sales, technical support and after sales service for Malaysia and Brunei.

WATT EURO-DRIVE (MALAYSIA) SDN BHD



Watt Drive & WEG products range e.g. geared motor, LV to HV Motor, VSD & soft starter. Our scope of supply & services cover all light to heavy industries.

WIKAI INSTRUMENTATION SDN BHD



WIKAI SF6-quality-analyser is an innovative and cost effective way to determine SF6-quality. It is equipped with three sensors (SF6-%, moisture, SO2) to evaluate the moisture content, concentration of decomposition products.

WÖHNER GMBH & CO KG



MOTUS® CONTACTRONCONTROL

Since more than 80 years, the Wöhner group creates the future of power distribution and control engineering with technical first class performances. The future made in Germany.

ZECK GMBH



Zeck GmbH is a German producer of high-class special machines for transmission line construction and equipment for construction and maintenance of Overhead transmission lines.

ZHEJIANG CHINT ELECTRICS CO LTD (NOARK)



Noark provides reliable products and efficient solution to intelligent power and energy system. With series of products, Noark is capable of serving industries including building, mechanical and other industries.

ZHEJIANG GACIA ELECTRICAL APPLIANCE CO LTD



Gacia Electrical Appliance Co., Ltd is a professional manufacturer of construction electrical material such as mini circuit breakers, residual current circuit breakers, molded case circuit breakers, switches, distribution boxes etc.

WHO SHOULD VISIT THIS EXHIBITION?

Companies or organisations whose core activities fall into one or more of the following categories should visit AE 2013 & IA 2013:

- | | | | |
|---|--|--|--|
| <ul style="list-style-type: none"> • Air-Conditioning Systems • Application Systems Providers • Assays, Test Kits & Procedures • Automated Guided Vehicles • Automated Storage / Retrieval Systems • Automation Consultancies • Automation Technology for Factory & Warehouse Automation • Building Automation & Services Equipment • Bus Systems • Cables & Cable Systems • Chains • Chemical Process Technology • Computer Aided Design (CAD) / Computer Aided Manufacturing (CAM) / Computer Aided Engineering (CAE) • Computerised Maintenance Management Systems • Connectors | <ul style="list-style-type: none"> • Control Systems & Solutions • Controllers & Monitoring Systems • Conveyors • Data Communications & Information Technology • Data Management Systems & Documentation • Diagnostic Systems • Distribution & Transmission Equipment • Drives / Gears / Motors • Electrical & Electronics Equipment Accessories • Electrical Services & Equipment • Energy Conservation Equipment • Enterprise Asset Management • Enterprise Production Management Systems • Enterprise Resource Planning (ERP) • Environmental & Water Management • Filters • Filtration & Separation Systems • Final Control Elements • Heat Transfer Technology | <ul style="list-style-type: none"> • Hydraulic & Fluid Control Equipment • Identification & Barcode Systems • Industrial Systems Network • Installation Equipment • Instrumental Analysis Technology • Intelligent Building Technology • Jigs & Fixtures • Laboratory Automation Technology • Life Sciences Oriented Solutions • Lighting Control Equipment & Systems • LIMS • Manufacturing Execution Systems • Materials Handling Systems (including components such as Bearings, Clamps & Vices) • Optical, Image Analysis Technology • Photonics • Photovoltaic Products • Plant Asset Management • Pneumatics | <ul style="list-style-type: none"> • Process & Control • Process Plant Design Services • Process Simulation & Optimisation Technology • Programmable Logic Controllers • Quality Assurance & Test Systems • Renewable Energy • Resistors & Sensors • Robotics • Safety & Hygiene Systems • Safety, Protection & Emergency Equipment • Safety Systems • Scada Systems • Sensors & Measurement Systems • Supply Chain Management Solution • Switch / Switchboards / Switchgears Equipment • Test & Measurement Technology • Vision & Recognition Systems • Wires & Ducting Systems |
|---|--|--|--|

How To Get To AE 2013 & IA 2013

ENTRANCES

- The Main Entrance is via Jalan Pinang, opposite the UOA Building
- The West Entrance is opposite the entrance of the Mandarin Oriental Hotel Ballroom.
- The Park Entrance is in the centre of the building and can be accessed by foot through the KLCC Park.
- The Traders Entrance is next to Hall 1 of KL Convention Centre.

BY CAR

- Approach the Centre along Jalan Pinang and turn left into the main entrance (second turning after the Mandarin Oriental Hotel) for drop off. **or**
- Take the first left after the Mandarin Oriental Hotel from Jalan Pinang up the ramp to enter into the basement car park. **or**

- Park in the Suria KLCC Car Park and exit to the Concourse Level Centre Court. Make your way past Cold Storage to The Guardian Pharmacy where there is an underground walkway that leads to the Convention Centre. Take the elevator to the Ground Floor where you will be directed to the Registration area. **or**
- Park at the "Avenue K" Shopping Arcade car park located directly opposite KLCC.

BY LRT

- Take the Putra Line to the KLCC station. Turn left after exiting the turnstiles and walk through the Suria KLCC Shopping Centre Concourse Level to the centre court. Turn left and make your way past Cold Storage to The Guardian Pharmacy where there is an underground walkway that leads to

the Convention Centre. Take the elevator to the Ground Floor where you will be directed to the Registration area.

ON FOOT

- From the Suria KLCC Shopping Centre Ground Floor Centre Court, take the park exit into the KLCC Park and turn right. Follow the Esplanade towards the Mandarin Oriental Hotel and then the path around the edge of the park towards the Centre of the building and enter via the Park Entrance.

HIGHLY RECOMMENDED: To avoid disappointment, we would encourage visitors to park at the KLCC Suria or the "Avenue K" Shopping Arcade car park **or** to travel by the Putra LRT (Light Rail Transit) to avoid traffic and congestion.

GENERAL INFORMATION

Pre-Register For AE 2013 & IA 2013

Benefits of pre-registration

- Dedicated check-in counters with QR Code Facilities – Fast Entry into the Exhibition avoiding long queues
- A complimentary copy of the AE 2013 & IA 2013 Show Directory (worth RM60)
- Access to the SILVER Lounge with one complimentary coffee or tea

How?

1. Pre-register Online at www.aseanelenex.com or www.asean-ia.com
2. Pre-register By Fax – Fill out the Pre-Registration Form Enclosed and Fax to +603 4043 7241
3. On-Site Registration form - Kindly proceed to the walk-in Registration counter located at Hall 1, Ground Floor of the Kuala Lumpur Convention Centre, Malaysia to get yourself registered.

Show Opening Hours :

20 to 22 March 2013 : 10.00am - 6.00pm
23 March 2013 : 10.00am - 5.00pm

IMPORTANT :

The exhibition is open to professionals, trade and business visitors only. The general public and minors 18 years and below will not be allowed admission. Admission is FREE but by Visitor Tickets and Business Cards registration only.

VERY IMPORTANT :

You will receive a Confirmation email informing you of your pre-registration code number. Please bring along this code number to collect your Visitor Badge. Failing to present the code number, you will have to register on-site.

ATTIRE :

All visitors must be properly attired. Any improperly attired visitors will not be permitted entry. Any trade visitors in shorts, sleeveless t-shirts / shirts, slippers or a combination of all will not be permitted entry.

Do You Have Any Colleagues Who Are Also Interested In Visiting AE 2013 & IA 2013?

Make as many copies of the Pre-Registration Form and distribute them to your workmates. They too can fill in their details and FAX it back to us at +603 4043 7241 or register via our websites at www.aseanelenex.com or www.asean-ia.com

FOR FURTHER INFORMATION :

MALAYSIAN EXHIBITION SERVICES SDN BHD (58243-X)

Suite 1401, 14th Floor, Plaza Permata, Jalan Kampar, Off Jalan Tun Razak, 50400 Kuala Lumpur, Malaysia.

Tel: +60 3 4041 0311 Fax: +60 3 4043 7241

Email: enquiry@mesallworld.com

INTERNATIONAL EXPO MANAGEMENT PTE LTD

No. 1 Jalan Kilang Timor, #09-03, Pacific Tech Centre, Singapore 159303

Tel: +65 6233 6767 Fax: +65 6233 6768

Email: violet@iemallworld.com

OVERSEAS EXHIBITION SERVICES LTD

12th Floor Westminster Tower, 3 Albert Embankment, London SE1 7SP, United Kingdom. Tel: +44 20 7840 2130 Fax: +44 20 7840 2119

Email: white@oesallworld.com

PRE-REGISTRATION FORM

(Open to Trade Visitors only)

Please complete all sections below in BLOCK LETTERS to ensure smooth registration.

*Kindly Fax this form to +603 4043 7241. You will receive a Confirmation Letter informing you of your pre-registration code. Please bring along this code to the "Pre-Registered" visitor counter located at Hall 1, Ground Floor of the Kuala Lumpur Convention Centre to collect your Visitor Badge. Failing to present the code number, you will have to register on-site.

Deadlines via: fax: 15 March 2013 / online: 19 March 2013

Title : _____

Name : _____

Company : _____

Address : _____

Post Code : _____

State : _____

Country : _____

Telephone : _____ Fax : _____

Handphone : _____

Email : _____

Website : _____

A. Please tick your main job function (tick ONE only):

01. ☐ Administrator
02. ☐ Architect
03. ☐ Consultant
04. ☐ Contractor/ Sub-Contractor
05. ☐ Developer
06. ☐ Education/ Training
07. ☐ Government Official
08. ☐ Interior Designer/ Lighting Designer
09. ☐ Managing Director/ General Manager/ Partner/ Owner
10. ☐ Manufacturer/ OEM Manufacturer
11. ☐ Press
12. ☐ Production/ Quality Control Manager
13. ☐ Purchasing/ Purchasing Manager
14. ☐ Research & Development
15. ☐ Safety/ Environment Management
16. ☐ Sales & Marketing
17. ☐ Technical Management/ Plant Manager/Engineer
18. ☐ Others (Please specify) :

B. What are your main product interests? (tick ALL your interests)

01. ☐ Air-Conditioning Systems
02. ☐ Application System Providers
03. ☐ Assays, Test, Kits & Procedures
04. ☐ Automated Guided Vehicles
05. ☐ Automated Storage/ Retrieval Systems
06. ☐ Automation Consultancies
07. ☐ Automation Technology for Factory & Warehouse Automation
08. ☐ Building Automation & Services Equipment
09. ☐ Bus Systems
10. ☐ Cables & Cable Systems
11. ☐ Chains
12. ☐ Chemical Process Technology
13. ☐ Computer Aided Design (CAD)/ Computer Aided Manufacturing (CAM)/ Computer Aided Engineering (CAE)
14. ☐ Computerised Maintenance Management Systems
15. ☐ Connectors
16. ☐ Control Systems & Solutions

17. ☐ Controllers & Monitoring Systems
18. ☐ Conveyors
19. ☐ Data Communications & Information Technology
20. ☐ Data Management Systems & Documentation
21. ☐ Diagnostic Systems
22. ☐ Distribution & Transmission Equipment
23. ☐ Drives & Gears
24. ☐ Drives & Motors
25. ☐ Electrical & Electronics Equipment Accessories
26. ☐ Electrical Services & Equipment
27. ☐ Energy Conservation Equipment
28. ☐ Enterprise Asset Management
29. ☐ Enterprise Production Management Systems
30. ☐ Enterprise Resource Planning (ERP)
31. ☐ Environment & Water Management
32. ☐ Environment/ Pollution Management
33. ☐ Filters
34. ☐ Filtration & Separation Systems
35. ☐ Final Control Elements
36. ☐ Heat Transfer Technology
37. ☐ Hydraulic & Fluid Control Equipment
38. ☐ Identification & Barcode Systems
39. ☐ Industrial Systems Network
40. ☐ Installation Equipment
41. ☐ Instrumental Analysis Technology
42. ☐ Intelligent Building Technology
43. ☐ Jigs & Fixtures
44. ☐ Laboratory Automation Technology
45. ☐ Life Sciences Oriented Solutions
46. ☐ Lighting Control Equipment & Systems
47. ☐ LIMS
48. ☐ Manufacturing Execution Systems
49. ☐ Materials Handling Systems (including components such as Bearings, Clamps & Vices)
50. ☐ Optical, Image Analysis Technology
51. ☐ Photonics
52. ☐ Photovoltaic Products
53. ☐ Plant Asset Management
54. ☐ Pneumatics
55. ☐ Process & Control
56. ☐ Process Plant Design Services

57. ☐ Process Simulation & Optimisation Technology
58. ☐ Programmable Logic Controllers
59. ☐ Quality Assurance & Test Systems
60. ☐ Renewable Energy
61. ☐ Resistors & Sensors
62. ☐ Robotics
63. ☐ Safety & Hygiene Systems
64. ☐ Safety, Protection & Emergency Equipment
65. ☐ Safety Systems
66. ☐ Scada Systems
67. ☐ Sensors & Measurement Systems
68. ☐ Supply Chain Management
69. ☐ Supply Chain Management Solution
70. ☐ Switch/ Switchboards/ Switchgears Equipment
71. ☐ Test & Measurement Technology
72. ☐ Vision & Recognition Systems
73. ☐ Wires & Ducting Systems
74. ☐ Others (Please specify) :

C. What is your organisation's nature of business? (tick ONE only)

01. ☐ Agent/ Distributor/ Wholesale/ Retail
02. ☐ Air-Conditioning
03. ☐ Airports & Seaports
04. ☐ Architectural Practise/ Surveying
05. ☐ Automotive Engineering
06. ☐ Automotive Manufacturing/ Assembling
07. ☐ Building & Construction
08. ☐ Chemical/ Petroleum/ Coal/ Rubber & Plastic Products
09. ☐ Clubs/ Hotels/ Restaurants
10. ☐ Construction/ Environmental Engineering/ Civil Engineering
11. ☐ Consultancy (Please specify) :
12. ☐ Contract & Subcontracting Manufacturing
13. ☐ Design & Engineering Consultant Services
14. ☐ Electrical & Electronics
15. ☐ Electrical Power Generation & Distribution
16. ☐ Electronics & Semiconductors
17. ☐ Fabricated Metal Products & Machinery Equipment
18. ☐ Finance/ Project Management
19. ☐ FMCG
20. ☐ Food/ Beverage & Tobacco
21. ☐ Furniture
22. ☐ Government Ministries/ Department
23. ☐ Hospitals/ Health Care Centres
24. ☐ Independent Power Producer (IPP)
25. ☐ Lighting Consultants/ Lighting Design
26. ☐ M&E Consultants
27. ☐ Maintenance Workshop/ Repair Services
28. ☐ Materials Handling/ Logistics
29. ☐ Metallurgy
30. ☐ Mining
31. ☐ Oil & Gas
32. ☐ Paper/ Publishing
33. ☐ Pharmaceutical
34. ☐ Precision Equipment/ Tools/ Dies/ Moulds
35. ☐ Printing & Packaging
36. ☐ Process Engineering
37. ☐ Property Management/ Development
38. ☐ Public Works
39. ☐ Research & Development
40. ☐ Rubber & Plastics
41. ☐ System Integrators

42. ☐ Telecommunications/ ICT
43. ☐ Textile & Apparels
44. ☐ Trade Associations/ Government Agencies & Public Works
45. ☐ Transmission & Distribution
46. ☐ Utilities
47. ☐ Vocational & Technical Training
48. ☐ Warehousing & Transport
49. ☐ Others (Please specify) :

D. Please tick your main purpose in attending this show (tick ONE only).

01. ☐ Gathering Market Information
02. ☐ Meeting Existing Suppliers / Buyers
03. ☐ Meeting New Suppliers / Buyers
04. ☐ To Purchase Products
05. ☐ To Recommend Purchase of Products
06. ☐ To Manage Other People Who Deal With Buying, Ordering or Specifying
07. ☐ To Evaluate Participation At a Future Show
08. ☐ Others (Please specify) :

E. How did you find out about AE & IA 2013?

01. ☐ Newspaper (please indicate below, which one)
 02. ☐ Berita Harian
 03. ☐ Business Times
 04. ☐ China Press
 05. ☐ New Straits Times
 06. ☐ Nanyang Siang Pau
 07. ☐ Utusan Malaysia
 08. ☐ Sin Chew Daily
 09. ☐ The Star
10. ☐ Direct Mail Invitation
11. ☐ From An Exhibitor
12. ☐ From The Organiser
13. ☐ Posters
14. ☐ Buntings
15. ☐ Magazines (please indicate below, which one)
 16. ☐ ACEM Directory
 17. ☐ Asian Power Electronics Journal
 18. ☐ Building & Investment
 19. ☐ Control Engineering Asia
 20. ☐ E & C Magazine
 21. ☐ Fuels & Lubes International
 22. ☐ Industrial Automation Asia
 23. ☐ InfoPages Directory
 24. ☐ Jurutera Magazine
 25. ☐ Malaysia Builders Directory
 26. ☐ Malaysia Business Directory
 27. ☐ Malaysia SME Paper
 28. ☐ Malaysia Source Book for Architects and Designers 2012 / 2013
 29. ☐ Metal Working Asia (MWA)
 30. ☐ Oxford Business Group Magazine
 31. ☐ Southeast Asia Building
 32. ☐ Suara TEEAM
 33. ☐ Technic Magazine
 34. ☐ Tenaga Link
 35. ☐ Others (Please specify) :

F. Have you visited ASEAN Elenex & Industrial Automation shows before?

01. ☐ Yes
02. ☐ No