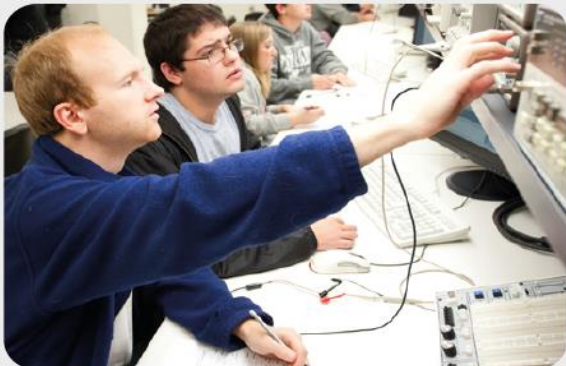


MISSION CRITICAL FACILITIES SYMPOSIUM

MAXIMIZING UPTIME IN POWER SYSTEM

Date: 8th September 2015 (Tuesday) | Time : 9.00 a.m to 5.00 p.m | Venue : Istana Hotel, Kuala Lumpur



Today's business demand more protection from the surge suppression products. A power disturbance can strike at any time, causing a loss of data, productivity and money. Customers require systems that will consistently provide clean power and safeguard their equipment from the substantial costs of power disturbances.

Power Line surges, whether caused by lightning, circuit switching, or other events, typically represent the biggest threat because of large exposure areas than, for example a lightning strike.

Power surges can have many effects on equipment, ranging from no detectable effect to complete destruction. Electronic devices can have their operation upset before hardware failure occurs. The semiconductor junctions of electronic devices are particularly susceptible to progressive deterioration. Data process equipment can be affected by fast changes in voltage with relatively small amplitude compared to the hardware-damaging over-voltages.

Covis Sdn Bhd is a Specialist in Power Quality Engineering, will be your trusted partner in order to provide valuable customer with the total solutions to save their money and increase productivity in mission critical facilities.

REGISTRATION FEE
RM400/Pax

RSVP to Symposium Coordinator:

Ms Quek Siew Lam

012 774 5384/ 03 5621 7780

siewlam.quek@covis.com

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Design and Construction

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AGENDA

Time

- | | |
|---------------|--|
| 09.00 - 09.15 | Registration & Breakfast Networking |
| 09.30 - 10.30 | Power Quality Issues - Sag, Harmonics, Surge, Lightning, and voltage fluctuation |
| 10.30 - 11.30 | Electrical Energy Power Monitoring |
| 11.30 - 12.00 | Break |
| 12.00 - 12.30 | Uninterruptible Power Supply(UPS), Operation, Maintenance & Troubleshooting |
| 12.30 - 13.30 | Lunch Break |
| 13.30 - 14.30 | Voltage Regulation and Sag Protection |
| 14.30 - 15.30 | Surge Protection and Lightning Protection |
| 15.30 - 16.00 | Snack Break |
| 16.00 - 17.00 | Sag and black-out protection using Diesel Genset UPS system |
| 17.00 | Dismiss |

SYMPOSIUM HIGHLIGHT

Power Quality Issues - Sag, Harmonics, Surge, Lightning, and voltage fluctuation / Electrical Energy Power Monitoring / Voltage Regulation and Sag Protection / Electrical Energy Power Monitoring / Case Study -Application of Surge Protection&Voltage Regulation /Sag and blackout protection using Diesel Genset UPS system



Mr. Lawrence Lai
Master in Eng. Business
Management

Mr. Lawrence Lai is the Managing Director of Covis Sdn Bhd, a Power Quality Engineering company that specializes in critical equipment support systems where power systems for computer equipment and power quality are a focused area. He leads a team of highly qualified professionals who specialize in advising consultants and end users on power quality strategies to accommodate today's information technology and telecommunication equipment. He worked as a manufacturing engineer for Sony Electronics in Penang. He also spent some time with Cegelec Projects UK, a subsidiary of Alcatel Alsthom, as a Market Researcher. He holds an electrical and electronics professional degree and a Master's degree in Engineering Business Management from Warwick University UK.

Lawrence has been awarded "Chartered Engineer" professional status by Engineering Council United Kingdom (UK) in recognition of his contributions to the electrical and mechanical (M&E) industry for last 10 years. He is currently the event Chairman for the Institution of Engineering and Technology, Malaysia Network. He has been involved in the Malaysian Standard MS939 committee in drafting the code of practice for lightning protection. He has conducted many technical seminars and presented in many business conference on power quality, TVSS and Data Center Solutions to JKR, JBE, MIS and factory facilities managers



Mr. Kho Boon Chye
Technical Manager

Kho Boon Chye is the Technical Manager of Covis Sdn. Bhd. He was the Product Specialist (1985-2006) and Application Specialist (2006-2007) at Emerson Network Power (M) Sdn Bhd. He is well-known in UPS system. During his years of employment in Emerson, he responsible in performing UPS services and maintenance, troubleshooting faulty UPS, testing and commissioning and generating technical report for operation manager.

In the year 2007, he was an employee at General Electric (GE) focusing on UPS solutions. In 2008, he made a move to DCSP Sdn. Bhd. focusing on Data Center site preparation turnkey-project. Alongside to his service, he has been voted as UPS technical expert due to his vast experience in this industry.

Furthermore, he also conducted technical support and training for the field service engineer. Throughout his employment period at Emerson, he had carried out numerous UPS installation projects at various destinations like ASTRO Broadcast Center Kuala Lumpur, DHL Cyberjaya, DELL Cyberjaya and Indonesia.



Mr. Kenneth Ng
Portsmouth University
(UK), BEng Hons

He is a highly qualified professional engineer who specialized in providing consulting services to end users alike on power quality strategies, UPS systems, power conditioning systems, lightning surge protection systems, grounding systems as well as static protection systems to accommodate today's mission critical facilities, infrastructure and services as well as information technology and telecommunication equipment.

While pursuing his degree, he was involved in a project of energy saving and to reduce power usage of INTI International University Subang Jaya Campus. He currently holds a Bachelor Degree in Electronics Engineering from University of Portsmouth, United Kingdom.



Mr. Danny Yee
Wichita State University(USA),
Bac.Sc Electrical Engineering

Mr Danny Yee Guo Quan is the Project & Technical Sales Engineer of Covis Sdn Bhd. He has been involved in Various Power Quality project such as Auto Backup System; Auto Synchronization & Seamless change over from various power sources.

Utilizing the latest technological trends as well as smart planning, the layout solutions proposed by Danny Yee takes into consideration of your current needs as well as leaving room for possible future expansion. He currently holds a Bachelor degree in Electrical Engineering from Wichita State University US.



Mr. Ernest Yong
Sheffield Hallam University
(UK), BEng Hons (Electrical)

He is the sales and project engineer of COVIS Sdn Bhd. He holds a Bachelor Degree in Electrical Engineering from Sheffield Hallam University, United Kingdom. Besides that, he also holds an Advanced Diploma in Electronic Engineering and Diploma in Electronic Engineering from Tunku Abdul Rahman College, Kuala Lumpur.

He is a qualified engineer who specializes in both electrical and electronic field. In the last year of his degree, he was successfully built a Human Following Robot with Fall Detection by using Kinect Sensor as his final year project. Apart from that, he also possessed the experience of building a business plan while attending and competes in entrepreneurship competition during the time at Tunku Abdul Rahman College, Kuala Lumpur.

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