

WEBINAR TALK ON **DATA CENTRE SOLUTIONS**

ENSURING POWER AVAILABILITY, ELECTRICAL SAFETY AND ENERGY PERFORMANCE

ORGANISED BY: ENGINEERING EDUCATION TECHNICAL DIVISION, IEM

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26 MAY 2026, TUESDAY



10.00AM - 12.00PM



ZOOM PLATFORM

SPEAKER:
MR. WONG KWONG HING



REGISTRATION

IEM STUDENT: FOC

IEM MEMBER: RM15

NON IEM MEMBER: RM70



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SYNOPSIS

This webinar explores optimizing data center power availability and energy performance through rigorous standards and innovative design. It covers essential compliance with TIA-942 and the EU Energy Efficiency Directive, detailing mandatory reporting for facilities over 500 kW.

Key takeaways include:

- **Architectural Strategy:** A comparison of 2N versus "Catcher" architectures, the latter of which reduces equipment by 30% and footprint significantly.
- **UPS Innovation:** Utilizing modular, transformer-free systems to maintain "Elite-level" efficiency during IT load ramp-ups.
- **Sustainability:** Practical methods to lower PUE (e.g., from 1.20 to 1.17) and reduce CO₂ emissions through smart operating modes and scalable power solutions.

SPEAKER'S PROFILE

Mr. Wong Kwong Hing

Senior Technical Sales Support Manager, Socomec Group

Equipped with more than 21 years of experience in Service and Technical in UPS, Data Center industry, as a Technical Sales Support Manager, Kwong Hing play a pivotal role in bridging the gap between customer needs and technical solutions. With a strong foundation in engineering and solution architecture, collaborate closely with sales teams to understand client requirements, design tailored solutions and ensure technical feasibility and value alignment.

With a customer-centric mindset and a deep understanding of both business and technology, Kwong Hing help provide ensuring the solutions meet and exceed client expectations. leading a team in delivering technical design excellence, tender compliance, product optimization, and quality control for large-scale data center bids. With over two decades of experience in the critical power industry, he has built deep expertise in application engineering, pre-sales, service delivery, and project support.

Kwong hing hold Professional qualification of Uptime Institute Accredited Tier Designer and a CNET Certified Data Centre Design Profession.