



## **Technical Talk:** **Hidden Data Security Risks in Engineering Operations**



04 July 2025 (Fri)



IEM Penang Secretariat,  
1-04-02, eGate,  
Lebuh Tunku Kudin 2,  
11700 Penang



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6.00pm – 8.00pm



**BEM CPD Hours: 2**  
Ref: IEM25/PG/228/T (w)

**IEM Member : RM 30**  
**Non-IEM Member: RM 60**

### **Synopsis**

In today's connected world, engineering companies hold valuable intellectual property and sensitive client data, but many are unknowingly exposed to serious cybersecurity risks. Failing to protect your data and devices could cost you your biggest client or project.

This practical session covers:

- How blueprints, intellectual property, and important/critical data are quietly at risk from internal and external threats
- Why “air-gapped” devices like SCADA systems, PLCs, and control hardware are not as safe as you think
- Practical strategies for engineers to secure sensitive information from leakage, avoid intellectual property theft, and stay aware of risks in non-traditional devices - both in industrial and everyday contexts.
- The top cybersecurity blind spots most engineering companies overlook
- How outdated or ad-hoc IT practices expose your company to risk
- What steps you can take to build trust, win contracts, and stay compliant — without disrupting your operations



Speaker:  
**Norbert de Rooy**

### **About the Speaker**

Norbert de Rooy is a data security expert and ISO27001-certified consultant at Vos Consulting Sdn Bhd, with over 30 years of experience in IT administration. His expertise is designing practical, scalable, and secure solutions for complex environments by leveraging automation, particularly in the technology industry.



Moderator:  
**Dr. Leow Cheah Wei**

He has led secure operations supporting over 12 million active users and played a key role in developing national digital identity systems at Signicat, Europe's top digital identity solutions provider. Norbert has also spearheaded the cybersecurity efforts for European educational institutions.

This event is organized by:

A strong advocate of proactive security, Norbert's training challenge software developers to “think like hackers” and trains them to hack and secure their software.