CPD Lunch & Learn session

Wired or not to be wired?

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This CPD approved Lunch & Learn session deals with the practice of assigning access control measures to each individual entrance within the building or site. The market offers a variety of access control measures that can be applied. The recent introduction of wireless electromechanical locks that operate online with, or offline from, a central access control system triggers the need to revisit the criteria of where and when to apply them rather than hardwired electronic lock systems.

What this CPD Lunch & Learn session will cover

Setting the scenery

We'll first discuss the trend of mass customised products that due to the internet flood many different markets, and influence modern product & systems design, consumer's behaviour and people's lifestyles. Given this trend, we question the need for access control measures to also be customised. And if this is required, how it needs to be done and specifically what criteria should be followed to provide a set of security measures that are effective in their purpose as well as in cost.

The confrontation

Today's wireless electromechanical locks promise to offer the silver bullet solution for all entrances. They are easier and therefore cheaper to install compared to hardwired electronic lock systems. Why not use them at all entrances?

From the perspective of managing security risks, access control measures play a vital role in preventing persons with ill intentions from inflicting damage to organisations by getting unauthorised access. Not all areas or rooms in a building or site carry equal risk with equal consequences. Is there an ideal set of access measures that can cope with all these different risk profiles or should we take measures proportionate to the risk? This question will be answered by analysing what factors drive risk and how these factors could help you to create a decision model with a hierarchical set of risk levels for the assignment of appropriate measures.

The resolution

Based on that model a bill of recommended access control measures is generated, that helps you to define a consistent set of measures that meet the risk challenges belonging to the individual entrances. At some entrances, risk considerations may prevent you from using wireless electro-mechanical lock solutions. At other entrances, additional criteria should assist you in determining when wireless online or wireless offline solutions are feasible and even preferred over hardwired electronic locks.

The discussion

After the presentation there will be room for questions and discussions.

> "Why a one size fits all approach doesn't work."

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