

# Insight on why Payment Card Security applies to SCADA

**By Pete Woodward**  
PCI QSA | CISSP | CEH | TOGAF

# Are you sitting comfortably?

## What does the nuclear deal with China mean?

By Howard Mustoe  
Business reporter

🕒 21 October 2015 | Business

This nuclear power deal with China is one of the maddest ever struck  
**Polly Toynbee**

The decision to allow China to build nuclear power stations in the UK is sheer folly, especially at a time when Cameron is shutting the door on energy

## China to take one-third stake in £24bn Hinkley nuclear power station

Details unveiled of deal signed between state-owned companies from China and France to build world's most expensive plant on UK soil



# SCADA Supervisory Control and Data Acquisition





# All very retro...



# Retro fit security...





# What are the risks?



# When things go wrong...





## CYBER SECURITY BREACHES SURVEY 2016: KEY FINDINGS

**69%** of businesses say cyber security is a high priority for senior managers

-  But only 51% of companies have taken recommended actions to identify cyber risk
-  Only 29% have formal written cyber security policies
-  Only 10% have a formal incident management plan



# Managing these threats has to be a priority...



# Not your average office...





# Not your average way of getting to work!





# Accessed across the globe..



**RUSSIAN HACKERS SHUT DOWN  
UKRAINE'S POWER GRID**

**SCADA**

**The Stuxnet Attack On Iran's Nuclear Plant Was 'Far  
More Dangerous' Than Previously Thought**

**Target Hackers May Have Gotten In Through the Air  
Conditioner**


**Tesco cancels credit cards after 'data  
breach' at mystery retailer**

**PCI**



A close-up photograph of a silver metal padlock resting on a payment card. The card is placed on a computer keyboard. The padlock is open, with its shackle raised. The background is blurred, showing more of the keyboard and the card's details like the chip and embossed numbers.

What does a payment  
card breach look like?



**So why did they take  
action, and what did  
they do?**

**Created a Data Security  
Standard that aligns to  
industry best practice...**



# What are the parallels?



**Unique skill set**

**Industry expertise within SCADA environment**

**Authorised to validate  
organisations adherence to the  
PCI DSS**

**Qualified experienced cyber security  
specialists**





# Any Questions?

**SECUR!OUS**  
Data and cyber security

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