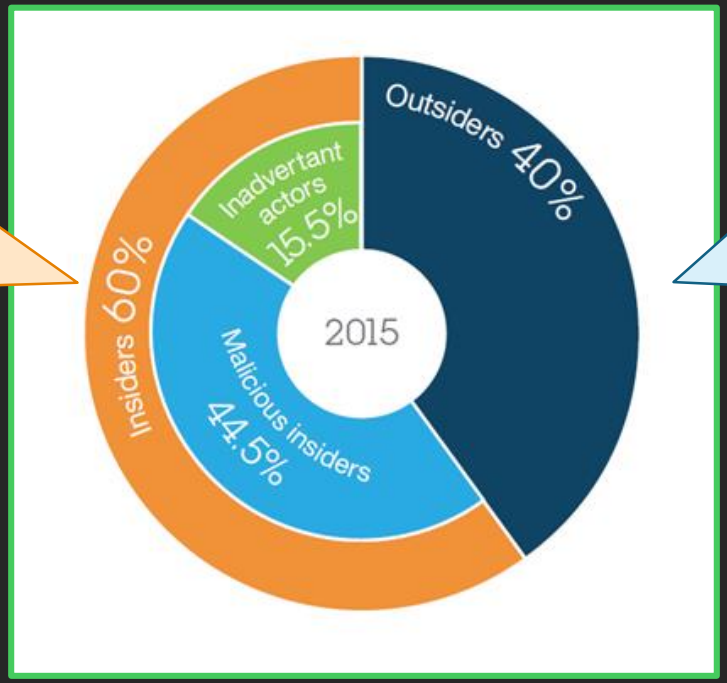
Life Is On Schneider Electric

FOX
VIDEO

Who are we trying to secure our infrastructure from?

Malicious insiders

Disgruntled employees, 3rd parties with access



Outsiders

Criminals, governments, activists, researchers, etc.

Is the threat real or hype?

Cyber attacks in recent Canadian news

Uber Personal information on **815K** Canadian customers compromised

NISSAN Information on **1.13 million** customers potentially vulnerable

Information on **95K** job applicants compromised

Altair **Product compromised** by backdoor malware.

Industrial plants and infrastructure are being targeted too

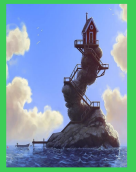
Hackers use Triton malware to shut down plant, industrial systems

The malware has been designed to target industrial systems and critical infrastructure.

By Charlie Osborne for Zero Day | December 15, 2017 -- 09:54 GMT (01:54 PST) | Topic: Security

The threat is real, what should you do?

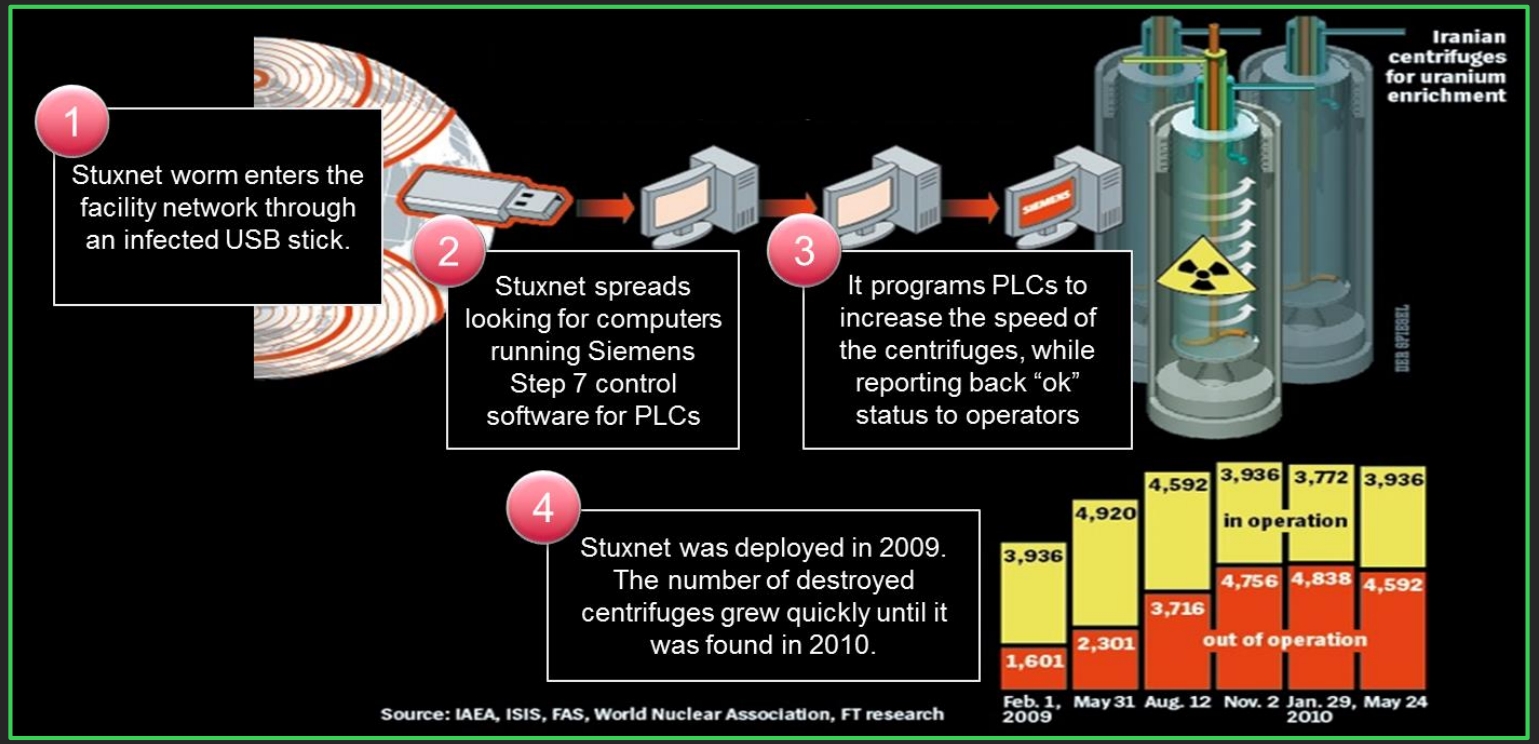
Let’s talk more about “splendid isolation”



Air Gapped Networks

Avoid “The Cloud”

Air Gapped networks don’t ensure security



“The Cloud” is more secure than you think

Data Sovereignty

Driven by data privacy concerns

Office of the Privacy Commissioner of Canada

- Privacy Act
- The Personal Information and Electronics Document Act (PIPEDA)

  What does PIPEDA apply to?

  Personal Information

  (customers, employees)

Data Security

Will my data be safe in the cloud?

Prevent Breach: Protect perimeter

- Defense-in-depth
- Threat modeling
- Security scanning
- Security development lifecycle

Assume Breach: War Game/Penetration test

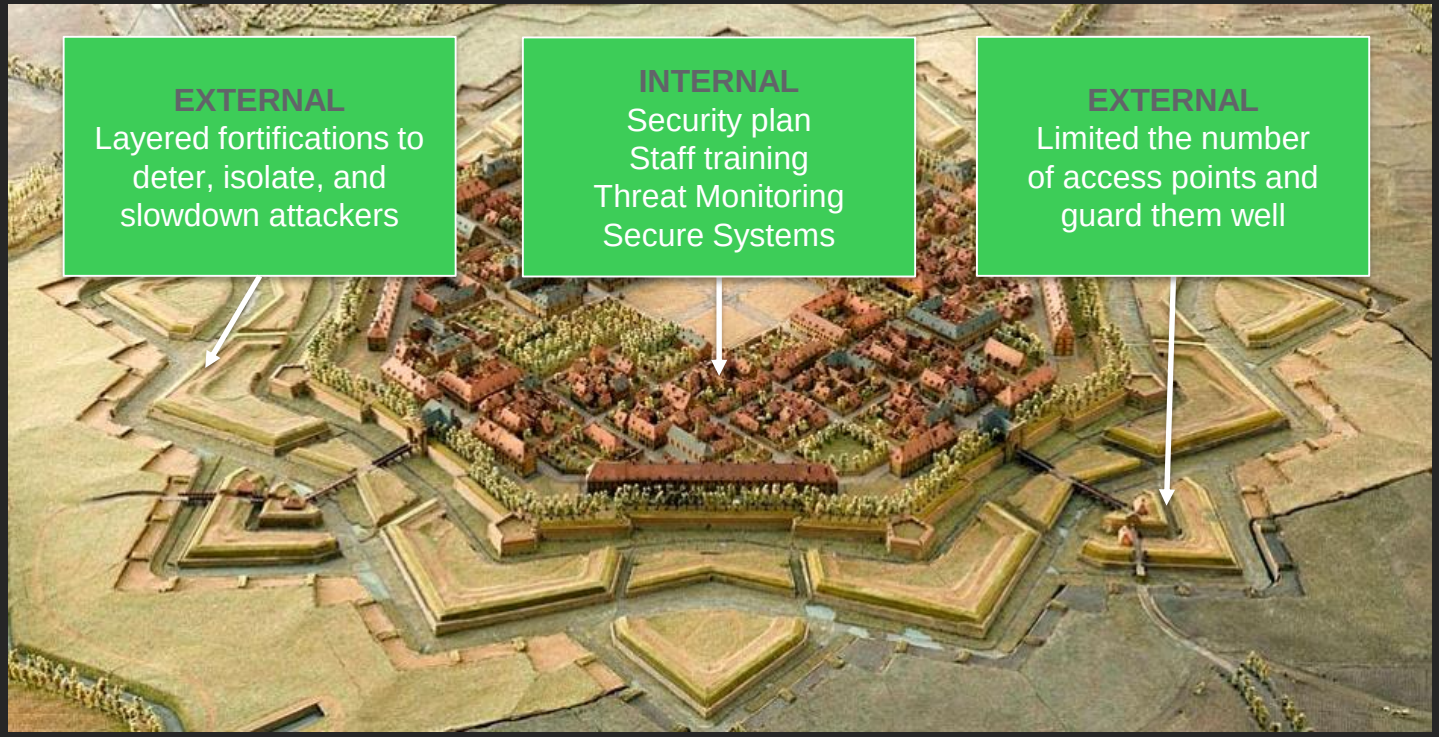
Red team: covert attempts at penetration and exploitation

Blue team: centralized detection and response; not solely dependent on protected perimeter

Attack Vector

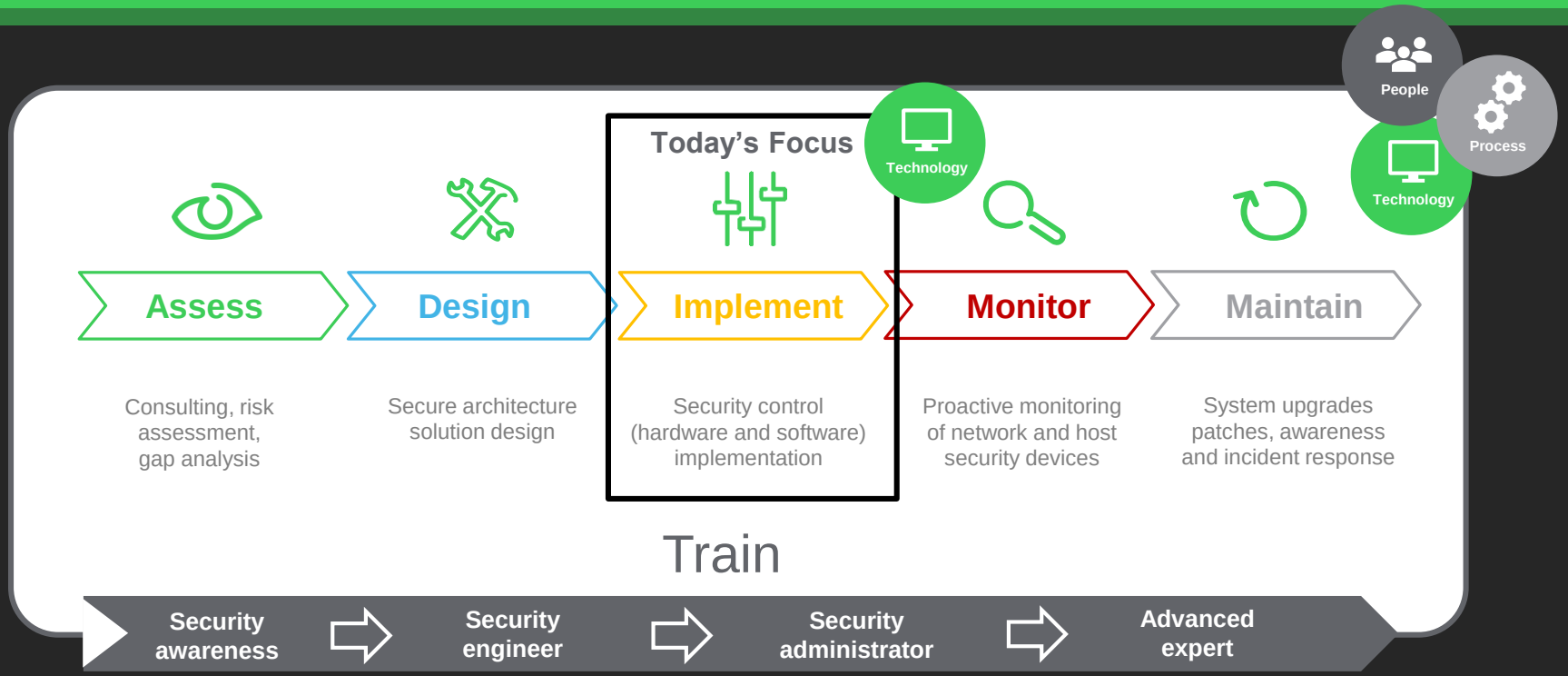
Will a cloud connection make me vulnerable?

Secure yourselves: embrace “defense in depth”



Okay, but how can Schneider help me with this?

Cyber security for the operational life cycle



Schneider Advisor Services

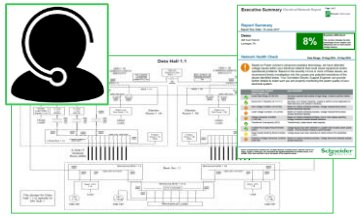
EcoStruxure™
Innovation At Every Level

End to End Cybersecurity

Apps, Analytics, Services

Edge Control

Connected Products



Power Advisor

Cybersecurity in the Schneider Cloud

Schneider Edge Control Software

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End to End Cybersecurity

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Edge Control

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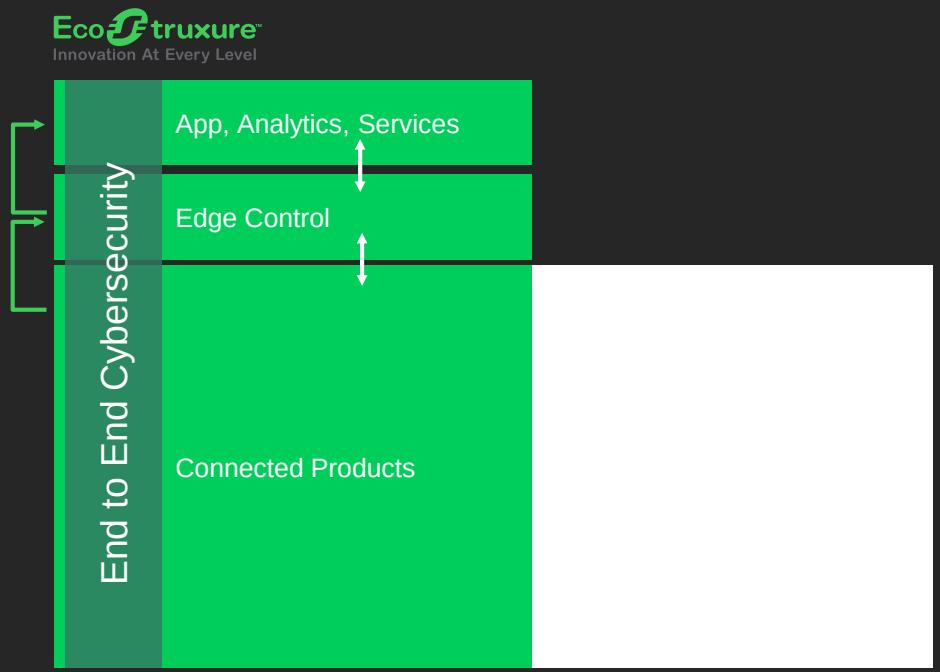

Schneider is Committed to Cybersecurity

Cybersecurity Portal	Product Security Office	Education / Awareness

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