

Time for change: Lean Security

Simpler, faster, cheaper, agile, yet still effective ...

Information Security

Managing Information Security has proven to be challenging, over and over again...

The traditional approach

ISO27001 ISO27002

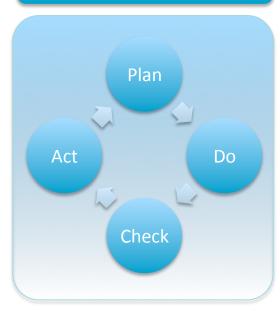
A management **Security Controls** process **HRM** Organization Assets Plan Physical Operations **Devices** Act Access Do Check Development **Incidents BCM** Compliance

...has its value as a proven standard.

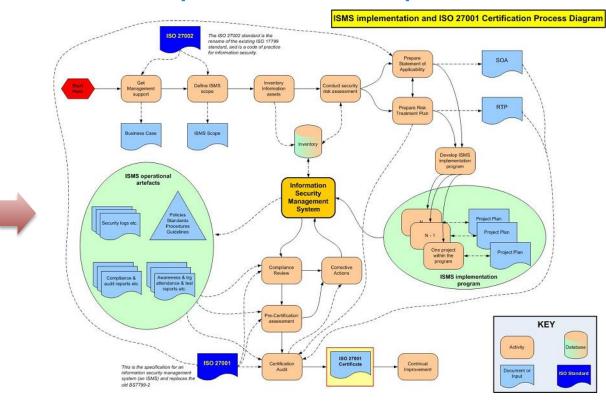
...but also it's pain...

ISO27001





Solid, complete but complex...



Is all the paperwork really adding value?

...and lots of choice

ISO27002

Security Controls **HRM** Organization Assets **Physical Operations Devices** Access **Incidents** Development **BCM** Compliance

Many controls...

- 11 chapters
- 39 objectives
- 133 controls
- 108 pages...
- But pre-2005

You easily over-do it...

The traditional approach

ISO27001

- Strives for complete, solid, yet complex management
- Often a yearly PDCA cycle
- Long implementation time
- Significant overhead
- Aimed at auditability
- Written by experts...

ISO27002

- Holistic, complete approach
- Policy and procedure driven
- Yet... pre-web2.0, pre-cloud, pre-BYOD, pre-cybercrime;
- Little focus on current risks
- Mainly aimed at prevention
- Little focus on monitoring

Strong preventive focus and pre-2005...

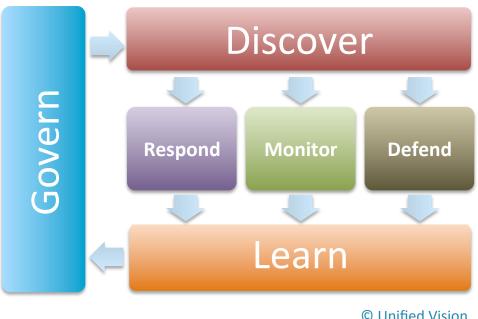
The need for speed...

- Rapidly evolving cyber threats and increasing regulation
- An urgent need for Security effectiveness:
 - Supporting and protecting the business,
 in a very dynamic business environment,
 but with ever increasing budget constraints...
- Creating much more business value at less cost:
 - Doing the right things, the right way, and stop wasting resources on the wrong things!

How to speed up and spend less?

What about...?

Lean Security



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Simple and understandable!

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The Lean philosophy

- Has proven to be successful in many area's
- Is "a mind-set", a philosophy...
- The key Lean principles are:
 - Identify value from the customer viewpoint
 - Map the value stream and remove waste
 - Create pull, prevent stock
 - Create flow by aligning process steps
 - Continually improve the process

Why not applied to Information Security?

Lean & Security

No cumbersome, Remove or inefficient rigid security inadequate or waste missing controls controls management Create Efficient and managed risk controls agile management value Act on Align with business Less preventive Detect, respond and adapt goals & needs measures pull Enable Rapid deployment Short cycles of Small Lean A3 and effect adjustment improvements flow

More focus on business goal enablement, detection and response, agility and effectiveness and less focus on rigid prevention!

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Meaningful management

ISO27001 Lean Security Discover ISMS Govern Plan Respond Guard Act Do Check Learn

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Defend

...in Business Language

Essential protection...

ISO27001



Lean Security

Incident response

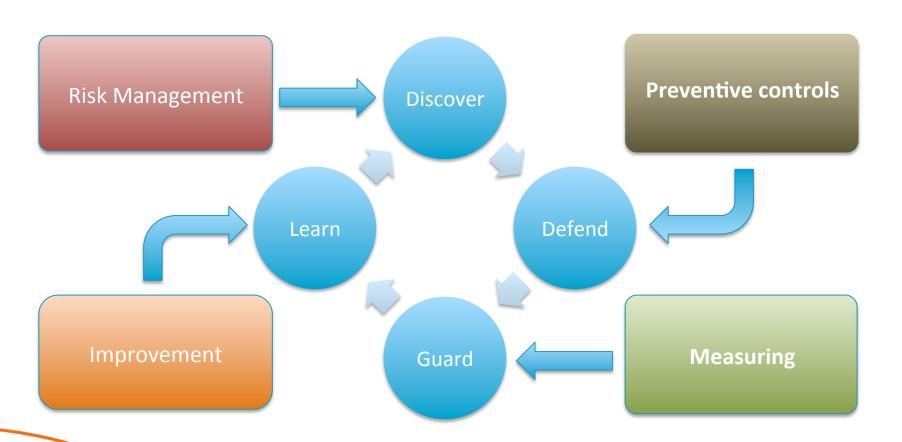
Monitoring

Basic Process controls

Basic Technical controls

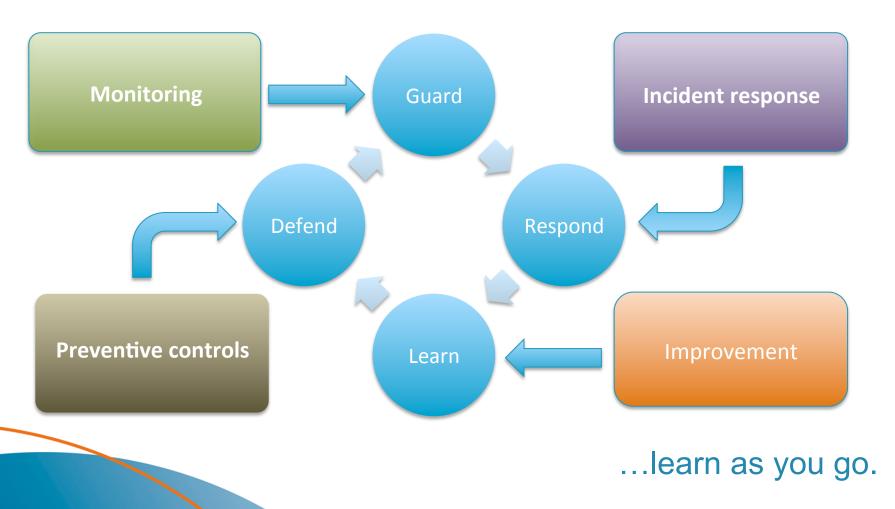
...to start with.

"Improve to defend"



...focused on the crown jewels.

"Defend to improve"



All together it is simple...



... and still very familiar, yet now Lean & Mean.

Summing up...

ISO27001 / ISO27002

- Complete, solid, holistic, yet complex and outdated approach
- Striving for completeness
- Significant overhead
- Long implementation time
- Preventive in nature
- Aimed at auditability
- A burden

Aimed at experts

Lean Security

- Agile, adaptive approach
- Creating business value, by "Doing the right things, the right way and no more..."
- Protection where required
- Detection and response
- Additional measures based on proven needs
- An enabler

Aimed at Business

Lean Security

Simpler, realistic, faster, cheaper, agile yet still effective ...

LEAN IS MORE!

As simple as that...



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