Systems & Security
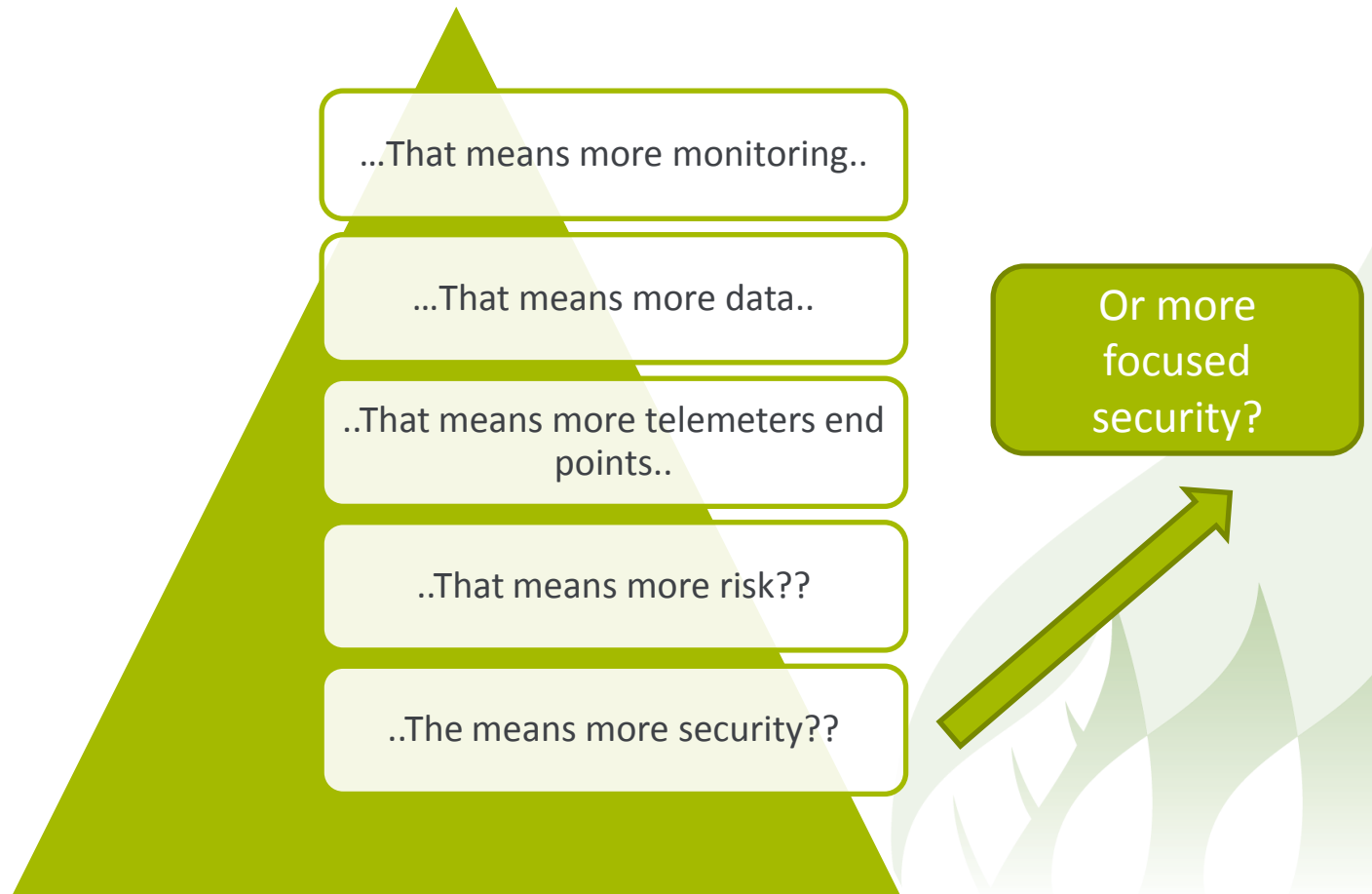
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Oct 2014

Security for what?

If "smart grid" means understanding your network better, making better decisions………

…That means more monitoring..

…That means more data..

..That means more telemeters end points..

..That means more risk??

..The means more security??

Or more focused security?

IT/OT – Let's work together?

From the network world we have Smart Grid Architecture Models, Smart Grid Information Security methods, etc.

- From the IT world we have a myriad of security mechanisms – ISO27001, GB Smart meter security standards, etc.

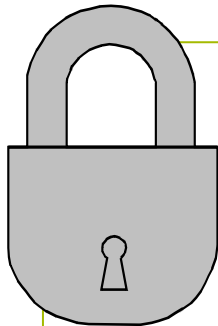Do these two worlds understand each other well enough?

- Should we even be referring to "two worlds"?

IT/OT convergence – what are the security issues?

Security Issues Appearing

More personal information (potentially from smart meters)

Managing complex cyber security ..do we have the expertise?

Perception that "IT solutions" don't have the right security mechanisms in place (patching, virus protection, embedded OS, lack of pen testing)