



THE SECURITY STANDARD™



Securing the Enterprise from a Dangerous Cyberworld

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Produced by
CSO

Protecting the Enterprise Technology Supply Chain

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HD Supply



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STUXNET

- **Stuxnet is a computer worm — or virus — that was developed for the purposes of manipulating and sabotaging industrial controls inside factories, power plants and electric utilities that use Siemens SIMATIC WinCC (Windows) and PCS 7 control systems**
- **Stuxnet is the first virus to be active in the physical world**
- **Stuxnet contains a mysterious numerical infection marker**
- **It took over 10 man-years to create Stuxnet**
- **Stuxnet has a built-in kill date**
- **No existing programs or standards could have prevented Stuxnet**

ATTACK VECTOR – USB STICK, CARELESS HUMAN BEHAVIOR



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Technology Supply Chain?

- FIREWALL - We have the best control “IN HERE” What happens “OUT THERE” is beyond the CISO control.
- OUTSOURCING – Deliver more with less, Improve operational efficiency and tighten that IT Budget
- CLOUD/SaaS – A porous perimeter, a virtual firewall and anything is “On Demand”



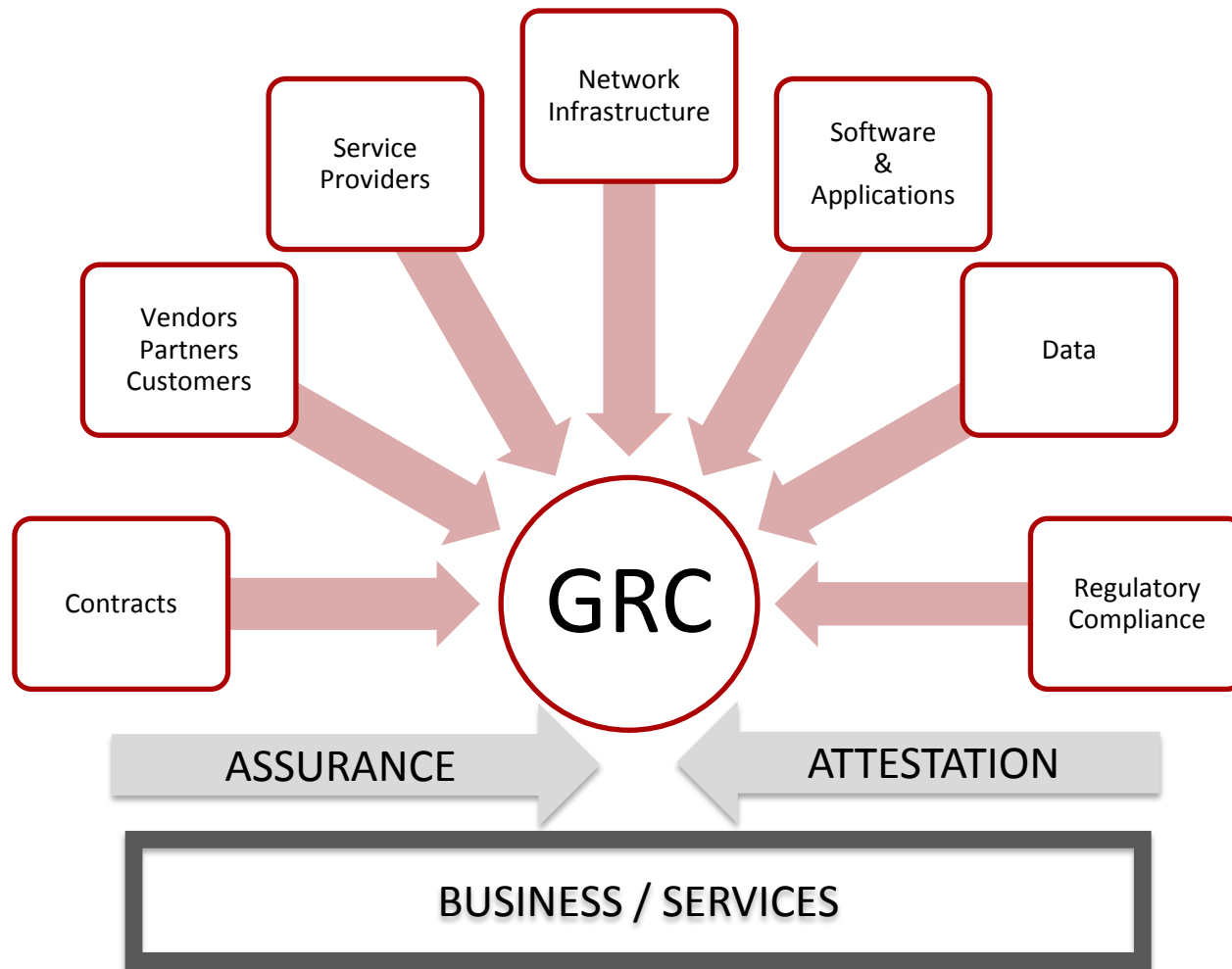
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Supply Chain Protection Framework



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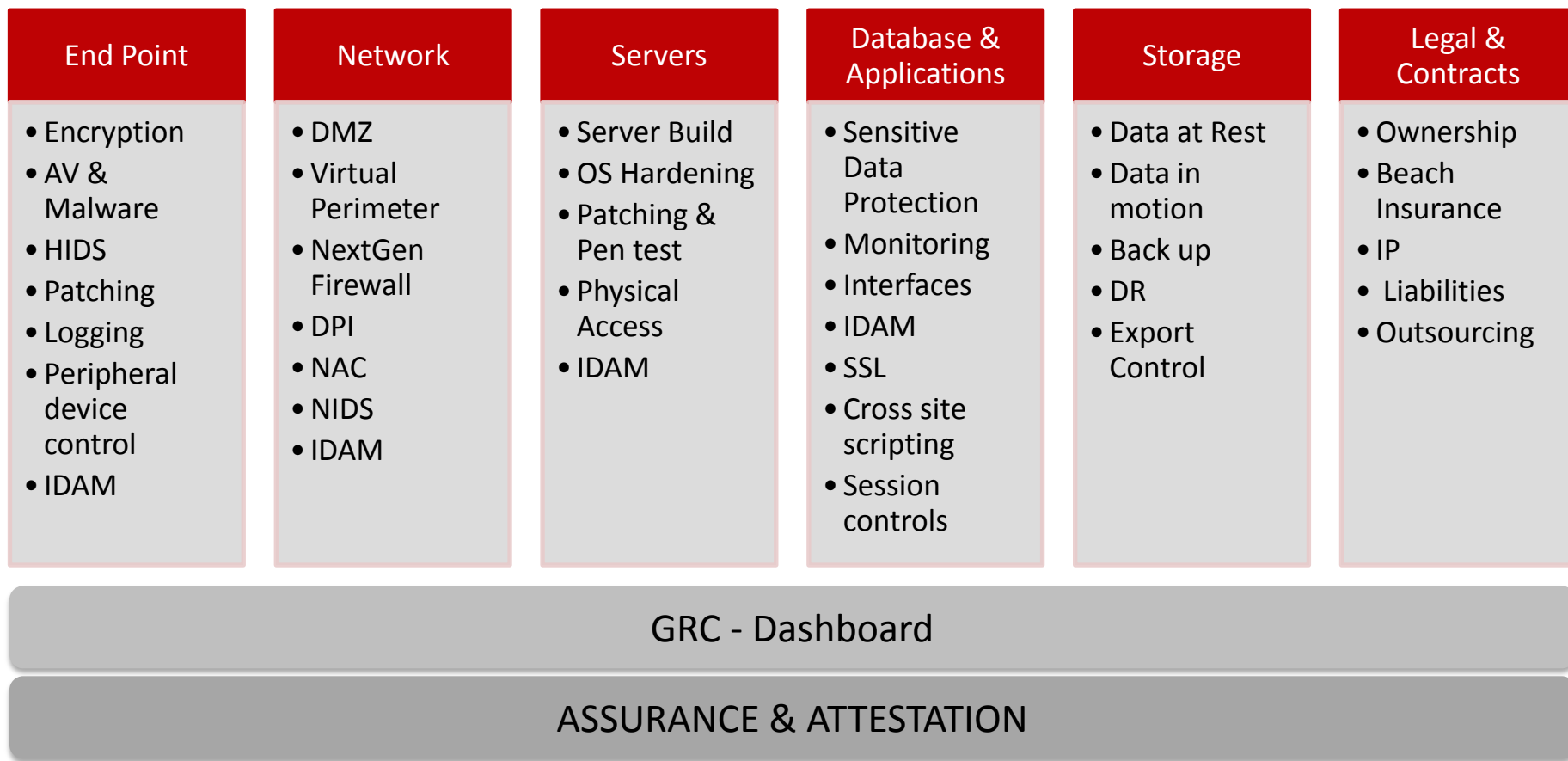
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Framework Implementation – Example

Data Loss Prevention



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Review

- Understand your Business first
- Develop a Business – IT/IS process map
- Catalog Risk on High Value Components
- Develop & Identify Availability plans
- Ensure contracts have the right verbiage
- Keep up with Compliance requirements
- **Breach is inevitable, but know where it can happen to diffuse the opportunity for occurrence & protect your Technology Supply chain**



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Thank You!

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