2010 Homeland Security Symposium
Cyber Threats and Enhancing Security of the IT Infrastructure

STRATIS
Powered by Excellence
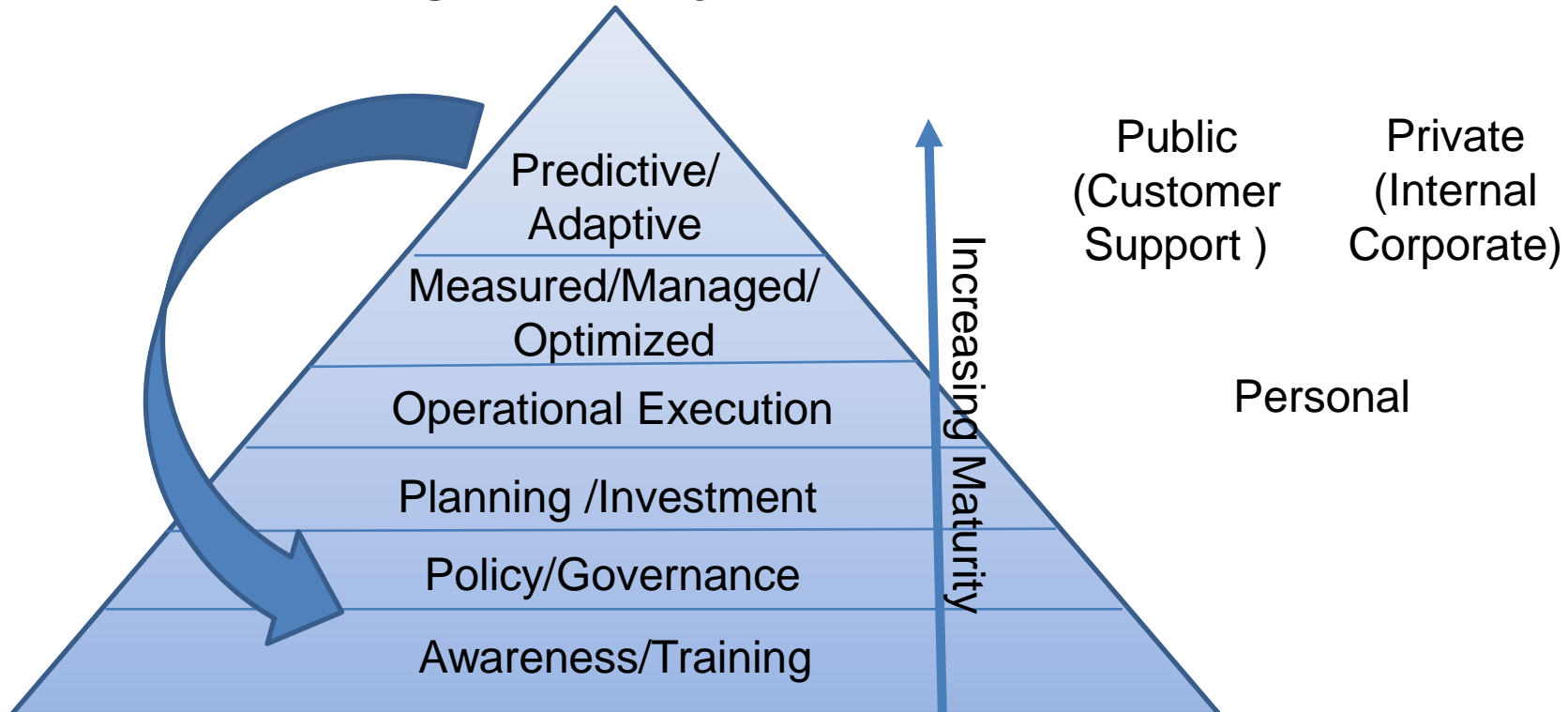
Use of Standards in Security Maturation

- Increasing Maturity and Partnership

Pyramid (bottom to top):
- Awareness/Training
- Policy/Governance
- Planning /Investment
- Operational Execution
- Measured/Managed/Optimized
- Predictive/Adaptive

Increasing Maturity

Public (Customer Support)   Private (Internal Corporate)

Personal

How do standards help US protection or facilitate attackers?

Distributed Computing / Communications

- ## Securing of .mil and .gov
  - Gen. Alexander remarks for critical infrastructure as a separate network (.cif)

- ## Distributed SCADA / critical infrastructure
  - NIST Guidelines for Smart Grid Cyber Security
  - DHS training and standards for critical infrastructure protection (CIP)

- ## Increasing mobile devices / telework trend
  - e.g. Mobile banking and financial applications
  - Cloud consolidation facilitating mobility

Do we need voluntary and / or regulated standards for .cif ?