Protecting the Information Asset
Agenda

• Things which contribute to security incidents
• Information security principles and classification
• Threat and risk
• Approaches for mitigation
• Getting support for the information security program
WE HAVE MET THE ENEMY AND HE IS US.
At times we may focus on tasks and not threats
At times we may be in a rush
• Information Management is Everybody’s Business
• Business Continuity
• Compliance with Law
• Protection of Intellectual Property
• Data is an Asset
• Data is Shared
• Data is accessible
• Data has a Trustee
Classifying your information
Threats

• Natural
• Physical
• Human
• System and Technical
• Procedural
• External
Application to Threat Conceptual Model

Application → Application Threat → Event
Application → Application Threat → Vulnerability

Application Threat → Threat

Vulnerability
• Threat assessments are living documents
• Walk through the area
• Manage the physical security
• Web vulnerability scans
• Secure the web
• Monitor the network
• Maintain audit logs
• Backup data
• Business continuity plans
• Document the outcomes
Getting Support

• Know your audience
• Choose your words
• Design your approach
• Make your case
• Show your impact