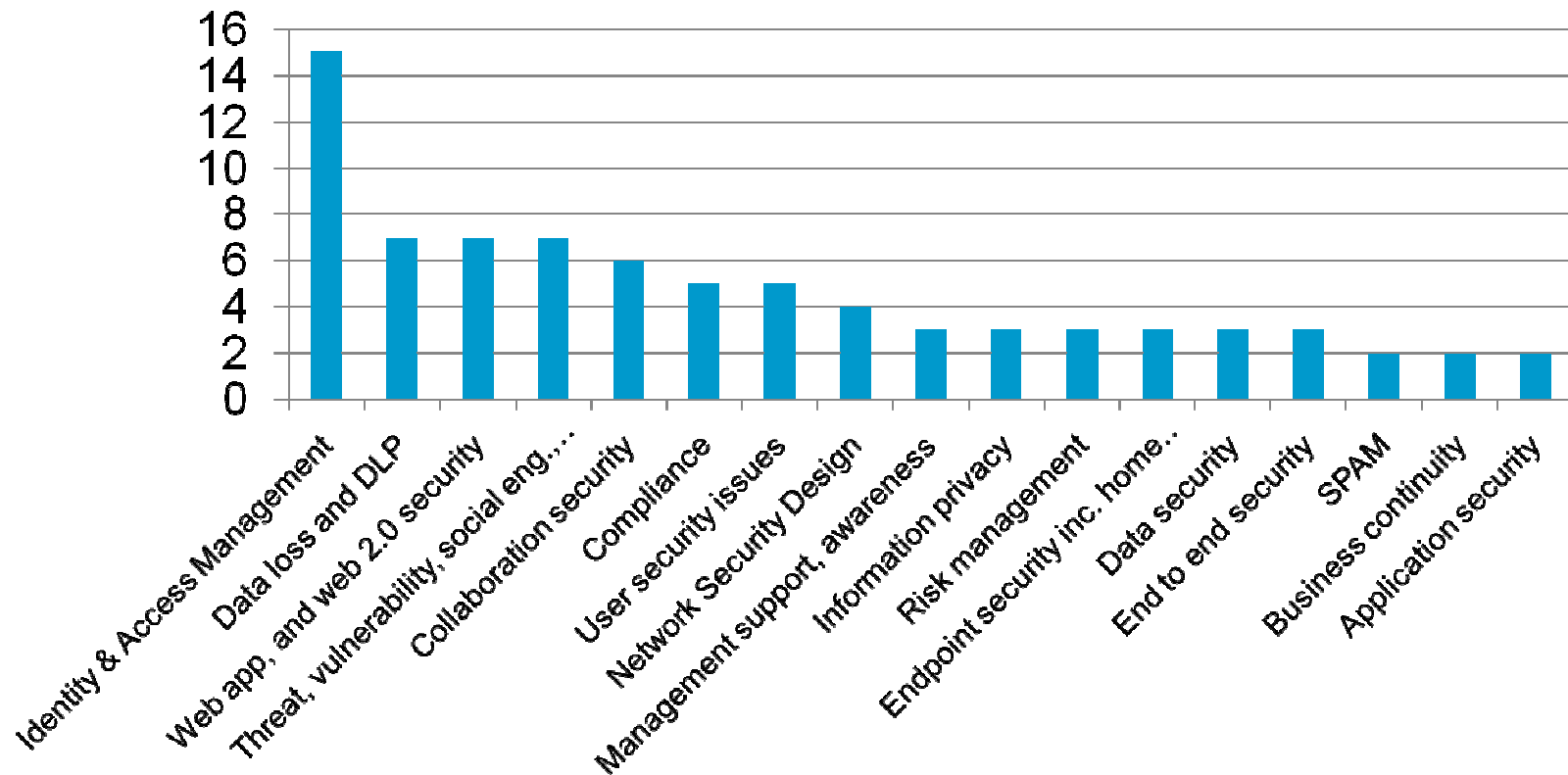


Security Program Overview

- People you should know:
 - Jim Hietala, VP Security
 - Ian Dobson, Director of Security Forum & Jericho Forum
 - Mike Jerbic, Chairperson, Security Forum
 - Steve Whitlock, Vice-Chair, Security Forum

Open Group Security Survey, Sept 2008: ...what are the most pressing IT security issues facing your organization today?

Responses out of 64 total



Resources & Websites

Security Forum Vision & Mission

- ❑ The Open Group: Boundaryless Information Flow, achieved through global interoperability in a secure, reliable and timely manner
- ❑ The Open Group Security Forum: To facilitate the rapid development of secure architectures supporting boundaryless information flow through developing:
 - industry standards, either independently or through co-operation (adopt, adapt, publish)
 - guides, business rationales & scenarios, use cases
 - reference and common system architectures, and support services



Web 2.0 Security / Secure Enterprise 2.0 Working Group

- New initiative to explore security issues with Web 2.0 technologies, working group beginning work now on these deliverables:
 - Create a library of white-labeled Web 2.0 business use cases from participants
 - Review the major services and technologies that are currently viable targets for enterprise use. Output is a white paper.
 - Build a library of technical risks of using Web 2.0 in business, such as JS Hijacking, RSS script injection. Documents would catalog the threat, why it is a threat, and propose some ideas about how to defend / test the threats.
 - Create a set of best practices, such as acceptable use policies, enforcement, liability issues, IP issues etc. The first output will be a white paper, followed by a set of policy documents.

Risk Management Project

Risk Taxonomy Standard:

Available at:

<http://www.opengroup.org/bookstore/catalog/c081.htm>

Risk Assessment Methodologies – Technical Guide

Available at:

<http://www.opengroup.org/bookstore/catalog/g081.htm>

Cookbooks for use of FAIR with COSO, ISO, and other frameworks
– in process

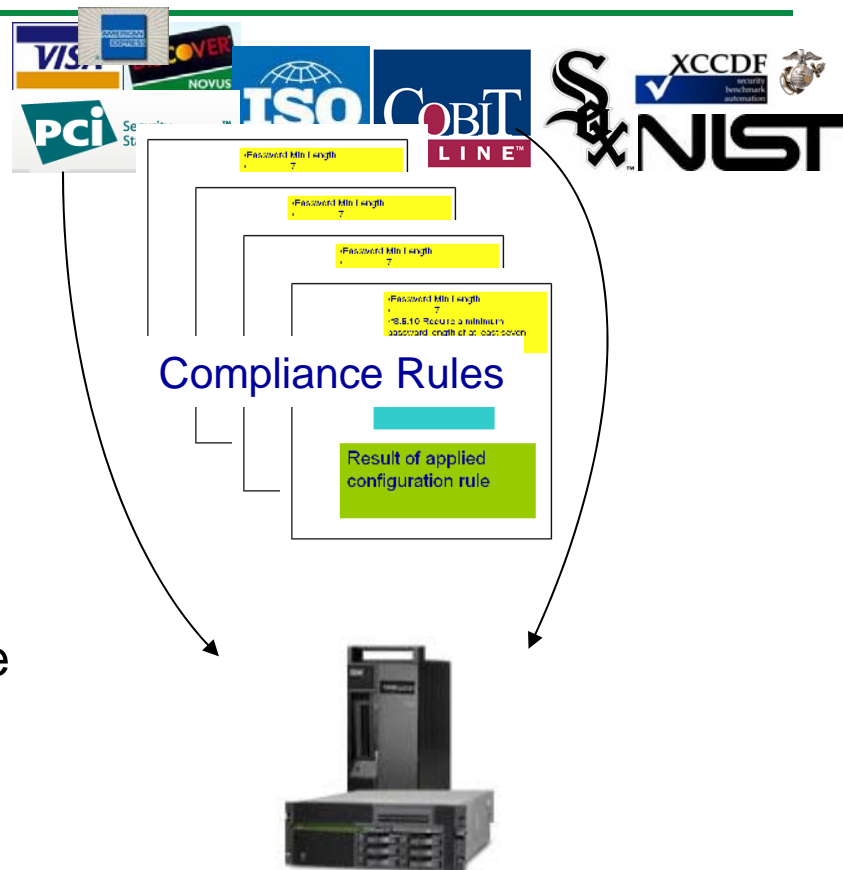
Compliance – ACEML Standard

Customer Pain Point

- Single systems must meet compliance requirements from multiple disparate regulations.
- Separate Audits from different compliance organizations

Customer Requirements

- Compliance Automation tools must be able to facilitate variances in compliance rules.
- Audit reports must be automated to reflect resolution of differing compliance specifications.
- Audit reports must reflect operator overrides and justifications



Other Security Forum Initiatives

- ❑ Audit & Logging
 - Update to XDas standard, Ian Dobson working with MITRE CEE advisory group, XDas will align with and complement CEE, and it will likely be published before CEE
- ❑ SOA Security Guide
 - Joint work with SOA Forum, producing a technical guide to securing SOA

Other projects...

- ❑ Secure Mobile Architecture
 - Developing a secure architecture standard for mobile devices, applications in factory automation and SCADA
 - Based on Boeing contribution
- ❑ Enterprise Security Architecture
 - Updating the NAC Enterprise Security Architecture document

New projects

❑ Trust Framework

- New project targeting how to architect for managing trust , includes components on Information Classification, Business Impact Levels, Impact Sensitivity, Control Stratification

❑ Collaboration Oriented Architectures Framework

- New project to develop a COA standard, based on the Jericho Forum COA Framework
- Describes how to develop architectures which conform to Jericho Forum "commandments" (design principles) in de-perimeterised environments.

The Jericho Forum

Jericho Forum Original Vision & Mission – 2004 – de-perimeterisation

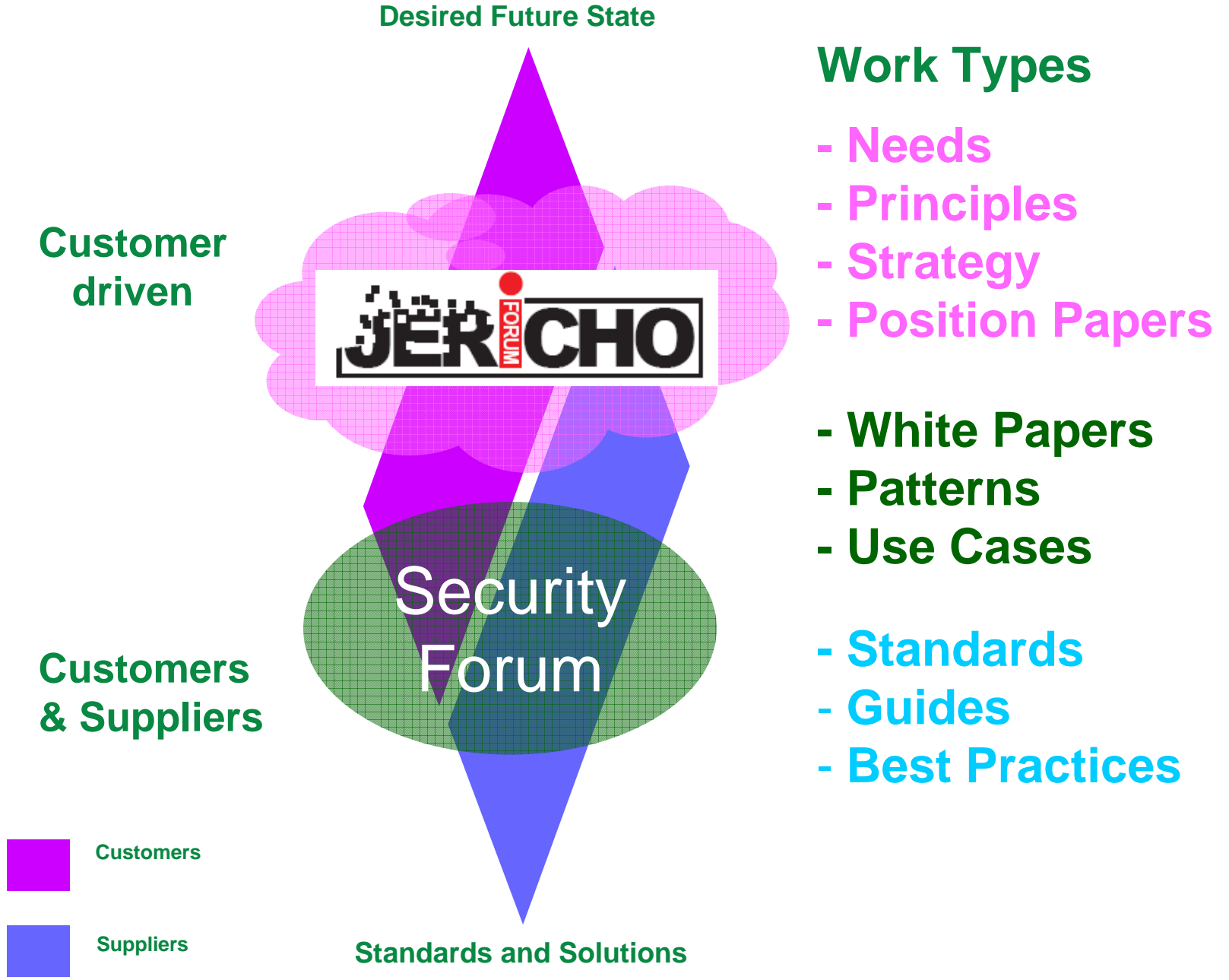
- **Vision statement**
 - To enable business confidence for collaboration and commerce beyond the constraint of the corporate, government, academic and home office perimeter, principally through:
 - Cross-organisational security processes and services
 - ICT products that conform to open security standards
 - Assurance processes that when used in one organisation can be trusted by others.
- **Mission statement**
 - Act as a catalyst to accelerate the achievement of the collective vision, by:
 - Defining the problem space
 - Communicating the collective vision
 - Challenging constraints and creating an environment for innovation
 - Demonstrating the market
 - Influencing future products and standards.
- **Jericho Forum “commandments” – 11 design principles**

www.jerichoforum.org

Some Members of Jericho



<http://www.jerichoforum.org/>



Achievements To Date...

- ❑ **See public pages on our Web site - <http://www.opengroup.org/jericho/> for pointers to:**
 - **Our publications including COA documents**
 - **Our public events**
 - **Our Members Meetings**
 - **Our Newsletters**
 - **Our Press coverage**
 - **And more ...**

Collaboration Oriented Architectures - Why?

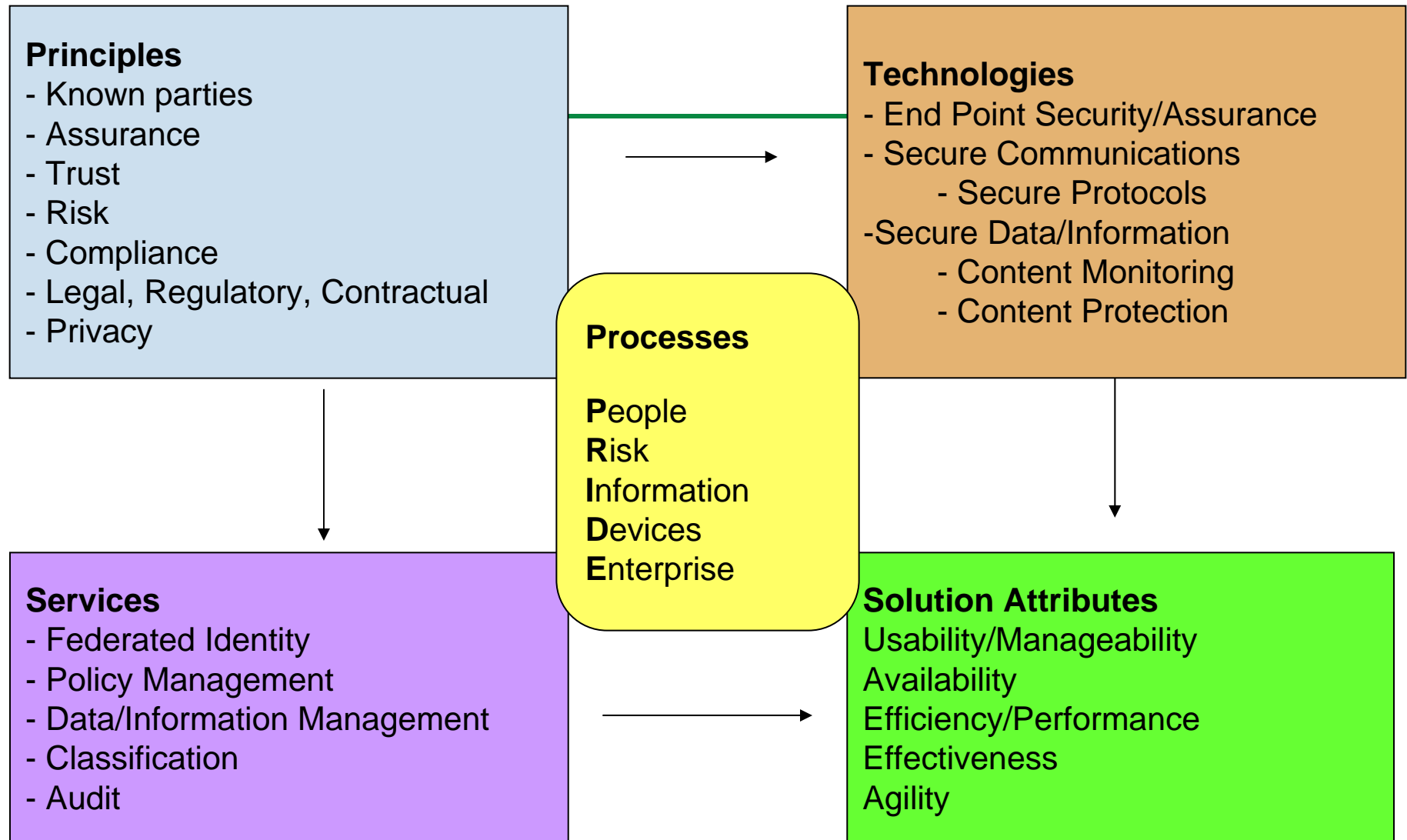
- When we had defined the **Problem...**

Deperimeterisation

- and developed a set of “**Design Principles**” – the **Commandments...**
- And spread these messages globally - through presentations, analyst briefings, and press coverage
- We realised we needed to provide more guidance around the **Solution....**

COA

Components of COA



New Vision & Mission – 2009

- ❑ **“Secure collaboration in the cloud”**
- ❑ **Jericho Forum design principles still apply**
- ❑ **Vision statement**
 - To enable increased confidence and operational efficiencies in collaboration and commerce for all stakeholders in the context of emerging cloud models, principally through:
 - Cross-organisational security processes and services
 - ICT products that conform to open security standards
 - Assurance processes that when used by one party can be trusted by other parties.
- ❑ **Mission statement**
 - Act as a catalyst to accelerate the achievement of the collective vision, by:
 - Defining the problem space through thought-leadership
 - Communicating the collective vision
 - Challenging constraints and creating an environment for innovation
 - Demonstrating the market
 - Influencing future architectures, services, products and standards.

Real-Time & Embedded Systems Forum

- ❑ ***RTES Vision***

Employ widely supported and open real-time standards and enabling technologies to deliver testable and certifiable cost-effective, mission-capable systems.

- ❑ ***RTES Mission***

Improve the time and cost to market adoption of real-time and embedded solutions by providing a forum where we can share knowledge and integrate open initiatives, and certify approved products and processes.

Current activities

- ❑ **Open Architecture for RTES:** MOSA; Architecting to the Edge™
- ❑ **IEEE POSIX RT Standards, Profiles, & Certification:**
 - IEEE POSIX 1003.13
 - IEEE POSIX 1003.26
- ❑ **RT (Security & Safety) - Critical Systems**
 - MILS Demos
 - Lexicon
 - Standardization
 - Protection Profiles MILS Integration – Rance DeLong
 - Compositional Certification
 - Cyber-Physical Systems
- ❑ **Safety Critical RT Java/JSR 302 - Specification**
- ❑ **Secure Mobile Architecture**
 - SCADA
 - Medical Devices
 - Intelligent Transportation Systems

2009 Security Practitioners Conferences

❑ **San Diego, Feb**

- Plenary sessions on a variety of topics
- Focus session: Securing Services in the Cloud

❑ **London, April**

- Identity Management and Security
- Focus sessions: Web 2.0; Identity in the Cloud

❑ **Toronto, July**

- Evolving Security Architectures
- Trends in Governance, Risk & Compliance

❑ **Hong Kong, October**

- Framework for Architecting Security, including in Real-Time
- Securing the Cloud

Your Participation Is Encouraged!

- ❑ Get involved with the Jericho Forum, Security Forum, and Real Time Forum
- ❑ Email to
jerichoforum-interest@opengroup.org
or
i.dobson@opengroup.org
or
j.hietala@opengroup.org
or
j.bergmann@opengroup.org

For more information...

- ❑ www.opengroup.org/security
- ❑ www.opengroup.org/jericho
- ❑ www.opengroup.org/rtforum/
- ❑ <http://www.opengroup.org/toronto2009-spc>