Open Trusted Technology Forum Spotlight (OTTF)
Member Meetings London, UK 05/10/11

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An introduction to the Jericho Forum® work on Identity

“Build with Integrity
Buy with Confidence”

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The Technology Supply Chain Integrity Challenge

- Perceived increase in sophistication and severity of cybersecurity attacks worldwide
- Potential for vulnerabilities introduced by use of technology provided through the global supply chain
- Governments and organizations buy products from companies they trust, but those companies usually do not manufacture all the components of their products
- The forum is being formed in response to the need to establish industry best practices that will help understand and reduce risks posed by the globalization of the technology supply chain
How will the OTTF Respond

- Reduce risks that may be introduced from global supply chain providers

- Identify manufacturing practices throughout the lifecycle that mitigate risk from uncontrolled, unprotected development methods and engineering procedures

- Develop conformance and accreditation criteria for trusted technology providers that will instill trust and confidence in both providers and consumers

- Work with the global community to develop responsible and realistic procurement policies that mitigate the risks introduced from supply chain vulnerabilities for all governments and vertical industries
The Open Group works with customers, suppliers, consortia, and other standards bodies to:

- Capture, understand, and address current and emerging requirements, and establish policies and share best practices
- Facilitate interoperability, develop consensus, and evolve and integrate specifications and open source technologies
- Offer a comprehensive set of services to enhance the operational efficiency of consortia
- Operate the industry's premier certification service

Vision of Boundaryless Information Flow™ – with enterprise architecture as a critical element for making the vision a reality, the TOGAF Architecture Development Method (ADM) provides an important toolset

"Making Standards Work™" – extensive experience and track record in facilitating consensus to develop standards and operating a premier certification service

Architecture Practitioner Conferences

Core Technology
- LDAP / CCI
- MILS
- AQRM
- Motif®
- DCE (Open DCE)
- UNIX
- DRDA®

Forums
- Architecture
- Platform
- Jericho & Security
- Identity Management
- Enterprise Management
- Real Time and Embedded Systems

Certifications
- UNIX
- LDAP
- WAP
- S/MIME
- ITAC / ITSC
- NASPL

Methods & Best Practices
Our Vision and Mission

**OTTF Vision:**
We are a global forum established to support the adoption of best practices for secure technology engineering and procurement strategies in order to develop a more trustworthy global technology supply chain.

**OTTF Mission:**
The Trusted Technology Forum is an open, vendor-neutral initiative that formulates and supports use of a global framework, guidelines, procurement strategies and related resources that can

- Help the technology industry “build with integrity”
- Enable customers to “buy with confidence”; and
- Support global innovation.
O-TTF Standards Development Principles

*Principles for accomplishing our mission:*

Our mission will be accomplished by providing vendors, distributors, integrators and consumers commercially reasonable integrity practices that are;

- **Practical and effective** – Practitioner based, evidence that it works in the field
- **Reasonable** – Achievable and implementable by a wide variety of vendors and stakeholders
- **Affordable** – Reasonably cost effective to implement
- **Open** – Based on open standards and recognized industry best practices
- **Accreditation** – Organizational accreditation that is flexible enough that will allow for an organization to determine their own scope of accreditation on multiple accreditation – **not** intended to be an accreditation that is version specific to a product.
Open Trusted Technology Provider Framework (O-TTPF)

The framework is broken into categories of Industry Best Practices:

- Product Development / Engineering
- Secure Development / Engineering
- Supply Chain Integrity
- Product Evaluation Practices
Envisioned O-TTPF Accreditation Program

- Trusted Technology Provider Framework (O-TTPF) *(Technology Supply Chain Best Practices)*
- O-TTPF Conformance and Evidence Criteria *(What a provider must do to adopt the O-TTPF)*
- O-TTPF Accreditation Policy *(How to assess a provider against the framework)*

O-TTPF Accreditation Standard*

*Specification Authority = TTF*

- O-TTPF Accreditation Assessment
  Conducted by a 3rd Party Assessment Organization
  Role: Evaluates the provider against the TTPF Accreditation Standard

- Accreditation Program Oversight
  Conducted by the Accreditation Authority
  Role: Manages Accreditation Registry, PR resolution, Accreditation Oversight
OTTF Governing Structure
(Current Work Streams and Committees)

OTTF Steering Committee
Chair: Andras Szakal
Vice Chair: Edna Conway

- O-TTPF Formalization
- O-TTPF SIB Mapping
- Conformance Criteria
- Accreditation Approach
- Guidance and strategies to facilitate adoption of the TTF
- Best practices for secure technology sourcing
- Global acquisition outreach
- Strategy for standards outreach to ensure continuity with TTPF
- TT Standards Landscape
- Work collaboratively with external standards bodies (ISO SC27, CC, etc.)
2011 OTTF Accomplishments

- Launched TTF Forum December, 2011
- Media Releases and Blogging
- Forum Structure and Election of Chairs
- Completed White Paper “Open Trusted Technology Provider Framework O-TTPF”
- Government Outreach
- Membership Growth
- Harmonization Landscape
- Continued work on the O-TTPF Specification
- Updated TTF FAQ
If you would like to participate in evolving this set of best practices and in helping to shape how this set of best practices will be used to indicate trustworthy products, and allow suppliers to “Build with Integrity” and governments and commercial entities as well to “Buy with Confidence”, please contact Mike Hickey at: m.hickey@opengroup.org.