THE Open GROUP

Q1 2003

Conference
&
Forums Report

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Agenda

Conference Report
Activities Report
Looking Forward

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Boundaryless Information Flow

Keeping IT Secure

Conference Report

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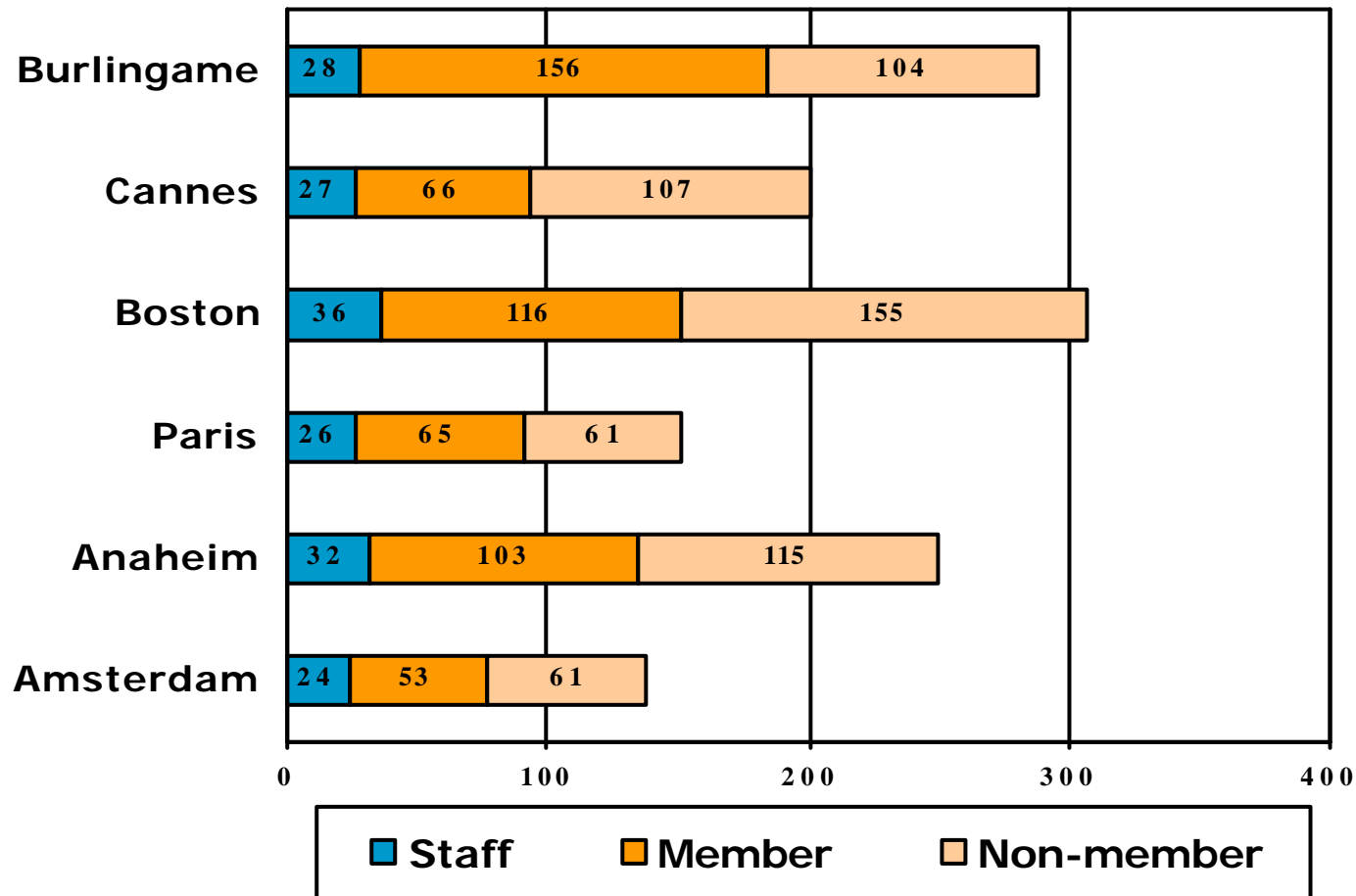## Boundaryless Information Flow

Keeping IT Secure

Conference Report

Highlights
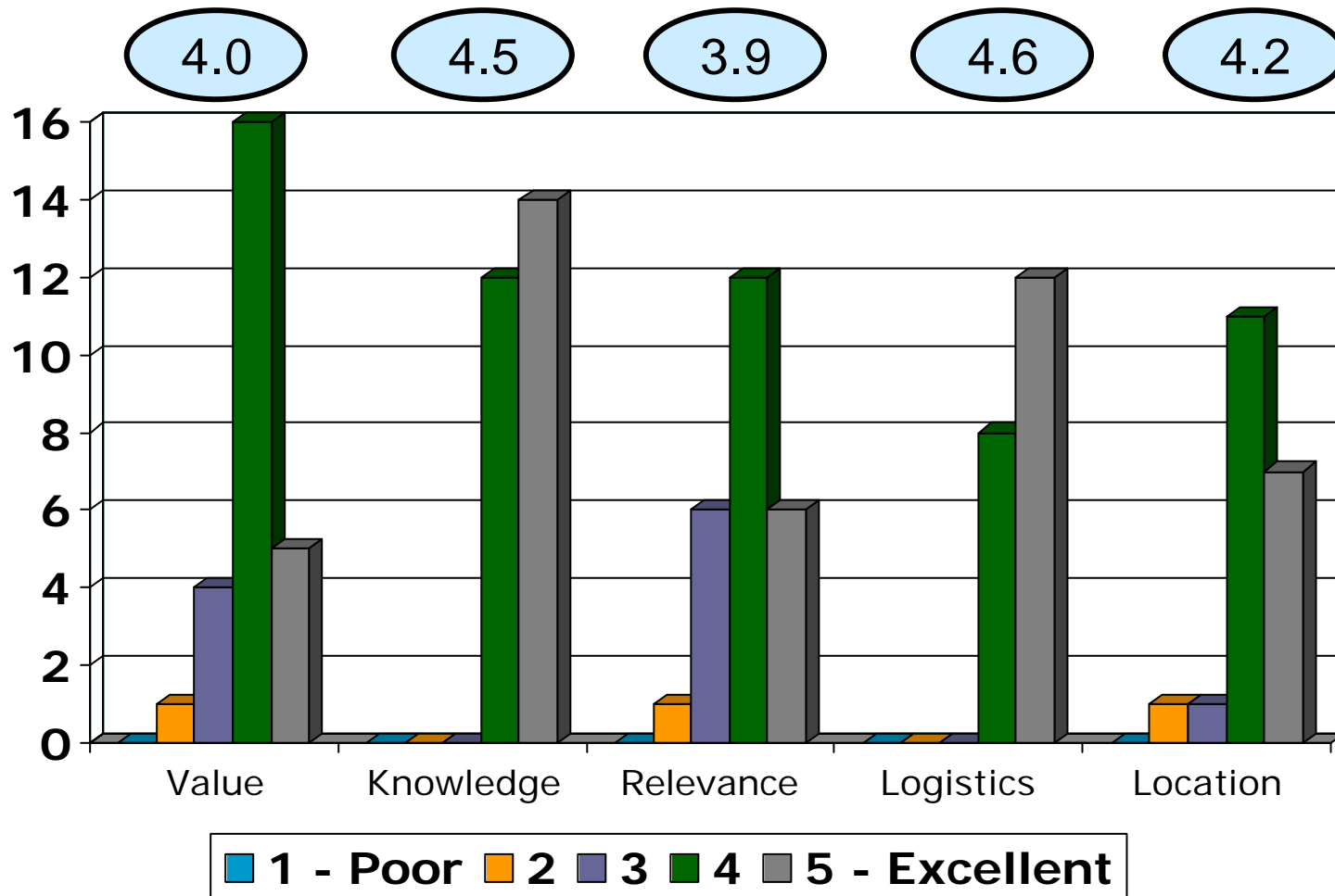
❑ Saving Private Data

❑ Cybersecurity chiefs from 3 continents

❑ Leaders of 6 other security related organizations

❑ Boundaryless Information Flow architecture work

❑ Identity Management

❑ Real-time Security

❑ Joint meeting with PCCA

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Conference Attendance

Conference Attendance bar chart showing Staff, Member, and Non-member counts:

- **Burlingame**: Staff 28, Member 156, Non-member 104
- **Cannes**: Staff 27, Member 66, Non-member 107
- **Boston**: Staff 36, Member 116, Non-member 155
- **Paris**: Staff 26, Member 65, Non-member 61
- **Anaheim**: Staff 32, Member 103, Non-member 115
- **Amsterdam**: Staff 24, Member 53, Non-member 61

Legend: ▣ Staff ▣ Member ▣ Non-member

X-axis: 0, 100, 200, 300, 400

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Overall Conference Feedback

Based on 24 responses

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Comparison with Previous Conferences

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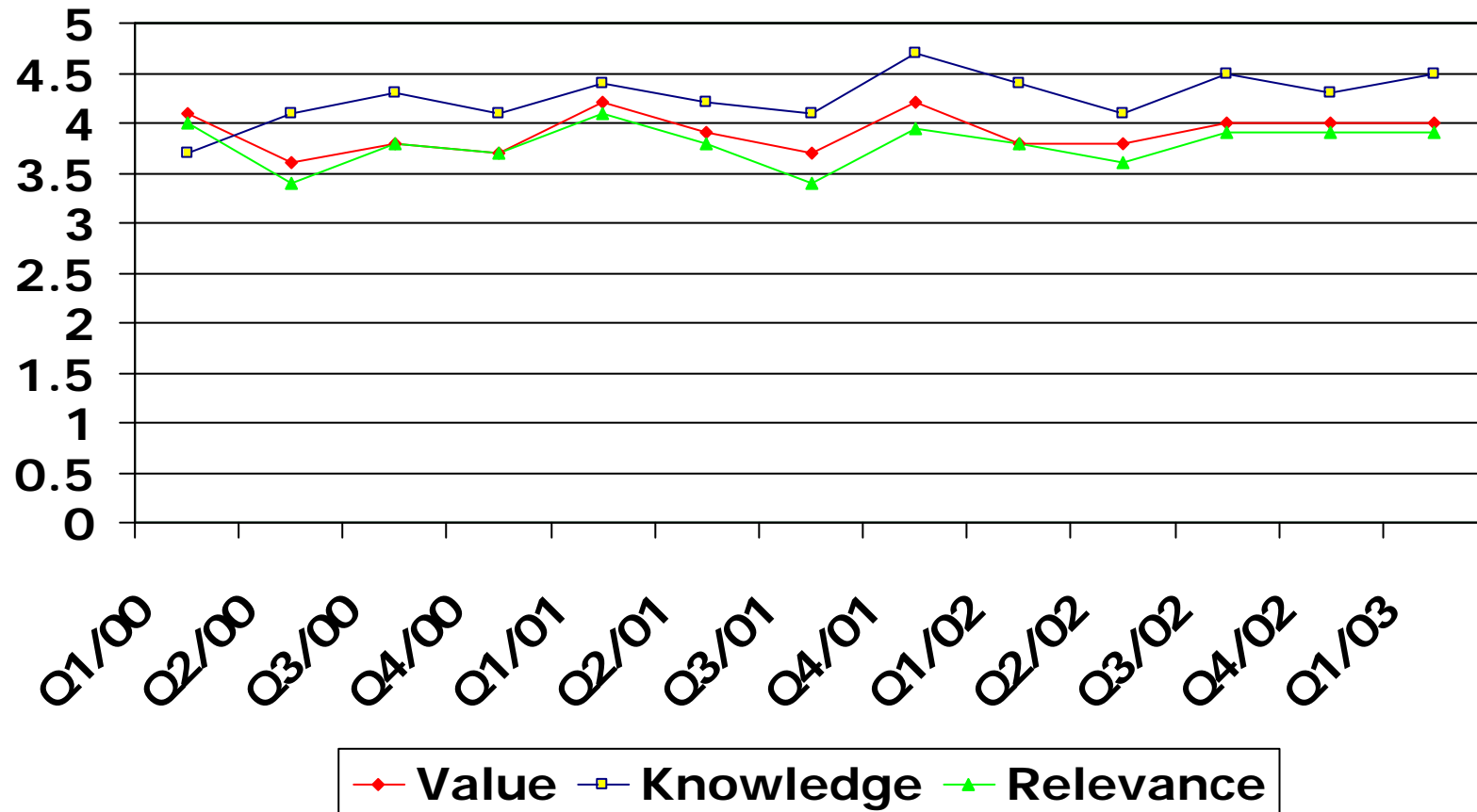
Topics for Future Events

(Each respondent invited to nominate up to 4 topics)

- Grid Computing (2)   Planned for July 03
- Web Services (2)
- Identity Management (2)
- Security (2)

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Topics for Future Events (The following topics were each suggested by 1 respondent)

- Regulatory requirements for electronic records
- Security Architecture
- .NET
- XML
- System Management
- Trust Relationships
- Biometrics/Strong Authentication
- Virtualization
- Standards Management
- Open Source

- Architecture
- Web Security
- Access Management
- Voice over IP
- Wireless
- Avionics
- Mobility & Security
- IT Vision
- Applications/standards language considerations to reduce security risks

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Open Source In the Enterprise

Report from the
initial meeting

Walter Stahlecker

What happened this week

❑ Go from ideas (Cannes) to work plans

❑ Inputs were collected from all attendees

❑ Presentations/discussions: Scope of work, Best Practices

❑ Discussion of possible work items:

- Guidelines for the business case for Open Source

- Managers' guide for Open Source in the Enterprise

- Guide for Open Source risk management

- TOGAF guidelines for use of Open Source Building Blocks in architectures

❑ Material posted: http://www.opengroup.org/ose/

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Forward plans

- ❑ Find volunteers to create workable descriptions of value-added
- ❑ Establish work items with critical mass
- ❑ Use Austin members-meeting to start an "Open Source task force"
- ❑ In parallel, evolve an inclusive description of The Open Group's contributions in the Open Source space

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Draft Agenda for Next Meeting

- "Open Source Task Force"
    - Update on progress on The Open Group's contributions in the Open Source space
    - Report by leaders of work items
- Progress individual work items
    - Possibly parallel sessions
- Closing review at the end:
    - progress made
    - next steps

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Messaging Forum

Mike Lambert

What happened this week

- Forum Planning Meeting
  - Secure Messaging Next Phase
    - Encourage deployment through workshops, PLUGfest
    - Managers Guide to Secure Messaging
    - Virtual Post Office
  - Managing Spam
  - Unified Messaging
  - Instant Messaging
- Identity Management
- Secure Messaging Workshop

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Forward Plans

- Secure Messaging
  - Workshops (Q1/Q2)
  - PLUGfest (Q3/Q4)
  - Standards Analysis (Q2)
- Managing Spam
  - Spam Defined (Q2)
  - Analysis of defence options (Q2)
  - Guide to taking legal action against a Spammer (Q4)

- Unified Messaging
  - Draft business scenario (Q2)
  - Standards analysis (Q3)
- Instant Messaging
  - Problem statement (Q3)
- Seminars
  - Secure Messaging (Q1)
  - Spam (Q2)
  - Instant Messaging (Q3)
  - Unified Messaging (Q4)

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Draft Agenda for Next Meeting

- ❑ Repeat of Secure Messaging Workshop
- ❑ Spam Seminar
  - ▪ Draft of white paper available for review
- ❑ Unified Messaging
  - ▪ Workshop to validate strawman business scenario definition

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QoS Task Force/ Enterprise Management Forum

Martin Kirk

What happened this week

- A meeting of joint sessions
    - SLA Survey
    - QoS/TMF SLA Handbook
    - QoS/EMF Application Manageability
    - QoS/Real Time Aggregated Systems Challenge
    - QoS/EMF Planning Session

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Forward plans

- Continue current activities
  - SLA Handbook, QoS/RT Challenge
  - XSLM, ARM, Pegasus
- Launch major new activity

Application QoS

  - Produce "Call to Arms"
  - Recruit participants
  - Launch in Austin

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Draft Agenda for Next Meeting

- ❑ Joint and separate sessions
  - ▪ QoS/RT Challenge workshop
  - ▪ SLA Handbook
  - ▪ ARM
  - ▪ EMF Specification deliverables
- ❑ Public Sessions
  - ▪ Pegasus Developer's Seminar
  - ▪ Application QoS Launch

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Security Forum

Steven Jenkins

What happened this week

- *Saving Private Data* presentation to plenary
- Presentation on security issues from Interoperable Informatics Infrastructure Consortium (life sciences)
- Joint session with DIF on Identity Management
- Joint session with MMF on Secure Mobile Architecture
- Work sessions on Guide to Privacy, Guide to Identity/Authentication, Guide to Security Patterns, Security Architectures for Boundaryless Information Flow
- Planning for Austin and future work

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Forward plans

- *Technical Guide to Security Design Patterns* (Feb 2003)
- *Guide to Data Privacy* (Feb 2003)
- *Guide to Identity/Authentication* (Mar 2003)
- Access Control white paper (draft Feb 2003)
- Extended Identity Management business scenario (Jun 2003)
- Intrusion Attack & Response Workshop Scenario white paper (Mar 2003)
- Weekly teleconferences on Security Architectures for Boundaryless Information Flow

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Draft Agenda for Next Meeting

- ❑ Plenary Overview on Security Forum
- ❑ Open Session on New Approach for Architecting Security for the Whole Enterprise
    - ■ Incorporating TOGAF methodology and the "family of architectures" concept
- ❑ Work sessions on ongoing projects

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Architecture Forum

Chris Greenslade

Architecting-the-Enterprise
A TOGAF Services Provider

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Architecture Forum – What happened this week

- TOGAF 7 Certification - Industry Announcement
  - Training, Practitioner, Professional Services, Tools
- TOGAF 8 - "Enterprise Edition"
- Architecture usage
  - Business Scenarios in Software Development - Mike Starkey, IBM
  - US Airforce Common Integrated Infrastructure - Barry Smith, Mitre
- Collaborations
  - TOGAF and OMG's MDA - Allan Kennedy, Kennedy Carter
  - TOGAF and DSDM- David Harrison, Popkin Software
  - The Eclipse Open Source Architecture Toolkit - David Jackson and Sridhar Iyengar, IBM
  - Open Source and TOGAF
- Industry Reference Models and TOGAF - Ian McCall, IBM

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Architecture Forum – Next steps

❑ Changes to work cycle

❑ Chief Architect's Forum

❑ Open Source and TOGAF

❑ Alignment with DSDM concepts

❑ Further consortia collaborations

❑ Promotional activities

❑ TOGAF 9

- Enhancements to IT Governance, Requirements Management and incorporate feedback

❑ Develop a detailed work plan for 2003 - Friday a.m...

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Directory Interoperability Forum

Winston Bumpus

What happened this week

- ❑ Review of Progress
    - ▪ Definitions of ⬭ LDAP Certified and ⬭ LDAP Ready completed
    - ▪ Plugfest held - LDAP and DSML
- ❑ Discussion of directory replication
    - ▪ Need to review requirements in light of new XML-based directory environment
- ❑ Planning the Work Program for 2003
    - ▪ (see next slide)

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Forward plans

- Launch LDAP Certified and LDAP Ready
  - Need to find suitable venue
- Marketing and Promotion
  - Of solutions enabled by interoperable directory
- New vision of Directory
  - Not just LDAP - data store with multiple interfaces

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Draft Agenda for Next Meeting

- ❑ Current and emerging directory technology
- ❑ Enabling interoperability for new directory technology
- ❑ Directory as part of the Enterprise architecture
- ❑ Marketing and Promotion of interoperable directory solutions

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Mobile Management Forum

Secure Mobile Architecture

Peter George

What happened this week

- ❑ Joint meeting with PCCA, 50 attendees
    - ▪ Wireless case studies from buy-side
        - ▪ Utilities, Telecoms, Manufacturing, Defense
- ❑ Mobile Taxonomy Definitions Exercise
- ❑ SMA Issues and Requirements Reviewed.
- ❑ Vision & Architecture Framework Discussed.
- ❑ New Member: Pacific Gas & Electric
- ❑ New MoU with Mobile Computer User Group

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Forward plans

- April 2003 : MMF SMA I&R (Version 1.1);

  Working Draft of Vision & Architecture Framework

  Detail SMA architecture security elements challenge

- June 2003 : SMA Vision & Architecture Framework

  1st Draft Complete

- July 2003 : Vision & Architecture Framework Review

- Aug 2003 : SMA I&R doc (Version 1.2)

  Incorporating feedback from above review

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Draft Agenda for Next Meeting

- Our members have requested a closed meeting for as much time as we can secure to:

  - Develop and review a work in progress draft of SMA vision and architecture.

  - Detail a Challenge around specific security elements of the SMA.

  - Work with DISA to discuss their Wireless Access Framework.

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Mobile & Directory

MMF and DIF
Working together

Ed Harrington

What happened this week

- Reviewed challenge definition and draft directory schema

- Reviewed overall situation
  - project is about 3 months behind schedule
  - relevance questioned in light of market developments

- Reconsidered July timescale for Challenge demonstration
  - can not commit at this point
  - could re-appraise in March

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Forward plans

- Recruit WISPs to Challenge team
  - re-appraise viability if can not do so
- Presentation of ideas at Catalyst in July
  - may include demonstration if progress better than expected
- Develop Challenge architecture through detailed use cases
- Challenge demonstration probably October timeframe

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Draft Agenda for Next Meeting

- ❑ Review of Challenge definition and Architecture
  - ■ incorporating WISP requirements
- ❑ Plan development of software needed
  - ■ for client devices
  - ■ for Network Operation Centres (NOCs)
- ❑ Finalize presentation of Challenge ideas
- ❑ Start test plan development
- ❑ Plan Challenge logistics and marketing

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Identity Management

MMF, DIF, Security & Messaging
working together

Chris Apple

What happened this week

- Open Meeting on Identity Management
- Presentations on implementation strategies from Novell, Business Layers, ePresence, CA, IBM, and Verisign
- Work program for 2003 agreed

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Forward plans

- Identity Management Roadmap White Paper
- Identity Management Implementation Catalog
- Revision of Business Scenario
- Interoperability Challenge
- Participation in Boundaryless Information Flow cross-functional team

Draft Agenda for Next Meeting

- Review drafts:
  - Identity Management Roadmap White Paper
  - Identity Management Implementation Catalog
  - Revision of Business Scenario

- Enterprise Identity Management Architecture
  - Discussion of approach and method
  - Use of The Open Group Architectural Framework (TOGAF)
  - Relevance to Boundaryless Information Flow

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Real-Time & Embedded Systems Forum

Joe Bergmann

What happened this week

- ❑ Security for Real-time
  - ▪ The group agreed to use the MILS PP originally submitted by the Joint Strike Fighter program which contains a restricted kernel.
  - ▪ Initiated work on a Protection Profile for a normal kernel.
  - ▪ Agreed to develop a White Paper covering the value for a family of Protection Profiles.
  - ▪ Next working session on 6 March in Washington DC.
  - ▪ Next formal meeting in Salt Lake City and Austin on April 30 via video conferencing.
- ❑ Open Architecture for Real-time
  - ▪ Working Activity launched.
  - ▪ Informative presentations from TimeSys, The Open Group, US Navy, Northrop Grumman and Boeing.
  - ▪ Agreed to develop Road Map prior to April Meeting.
  - ▪ Next formal meeting in Salt Lake City and Austin on 29 April via video conferencing.
- ❑ Real-time Java for Mission/safety Critical Applications
  - ▪ Informative presentations covering Open Toolkit, Distributed Java,and and an update on a RT Java project from JPL.
  - ▪ Completed initial draft Java Specification Requirement (JSR). Recommended JSR to start 30 day group and legal review on 1 March. Expectation -- the final JSR to be submitted to the Java Community Process (JCP) at meeting in Austin.

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Forwards Plans

- Real-Time Operating Systems Profiles & Certification
  - Generic POSIX Real-Time Certification Program (Q3)
  - Real-Time Operating Environment Profile (Q2)

- Security for Real-Time
  - Security Protection Profile (Q2)

- Safety/Mission Critical Applications
  - Best Practice Guide for COTS vendors (Q2)
  - End-to-end Safety Verification

- Real-time Java
  - Safety critical Java profile JSR (Q2)
  - Real-time Java Expert Group (Q2)

- Open Architecture for Real-Time
  - Roadmap (Q2)

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Draft Agenda for Next Meeting

- Joint meeting with IEEE PASC SSWG RT Group
  - Real-Time Operating Environment Profile
- Real-time Security
  - Finalise MLS Security Protection Profile
  - New Profile without restrictive kernel
- Safety/Mission Critical Applications
  - Work on Best Practices

- Real-Time Java
  - Finalize Safety-Critical Java Profile JSR
  - Formalize Real-time Java Expert Group
- Open Architecture for Real-Time

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COE Forum

Graham Bird

What happened this week

- Vision
    - To drive the evolution of the warfighter's platform:
        - to meet the needs of DOD / DISA programs
        - to meet the needs of participants
- Mission
    - Maintain and evolve COE KPC
    - Nurture the Network Centric System program by:
        - Recommending industry best practices
        - Involving the NCS program in industry directions
        - Providing a forum for integrators, contractors and application providers
- Goals
    - Build confidence in DISA by….
    - Broaden membership through….
    - Reduce cost of compliance and testing by…

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Forward plans

- Test Suite improvements
  - Security test suite
  - COE Kernel
    - Automation report
- Specifications
  - Appendix B (I&RTS)
  - Appendix E (Security SRS criteria)
- Open Source
  - Talk to DISA re IP and support contracts
- Communication
  - Report to DISA execs
  - COE Forum offer to write NCS program docs
- Membership
  - Propose membership options

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Draft Agenda for next meeting

- Boston (not Austin!)
  - DISA perspective on NCS
  - Service perception on NCS
    - Army, Air Force, Navy, Marine
- Open Source
- Linux
- Work Program review

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Looking Forward

Forward Schedule

❑ May 7th : London (<u>European Conference</u>)

  ▪ eGovernment

❑ July 21st – 26th 2003 : Boston, MA (<u>Full Conference & Member Meeting</u>)

  ▪ GRID Computing

❑ October 7th/8th : Brussels (<u>European Conference</u>)

  ▪ Boundaryless Information Flow and the Single European Electronic Market (to be confirmed)

❑ October 20th – 24th : Washington DC area (<u>US Conference and Member Meeting</u>)

  ▪ Theme under consideration

❑ Additional regional conferences in Japan, India

  ▪ Other locations to be confirmed

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The Next Meeting

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Boundaryless Information Flow

Making Progress Towards Boundaryless Information Flow ™

Featured
Keynote Address:
Allen Brown
President and CEO
The Open Group

Member's Meeting:
April 28–May 1, 2003
Four Seasons Hotel
Austin, Texas

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