Mobile Management Forum

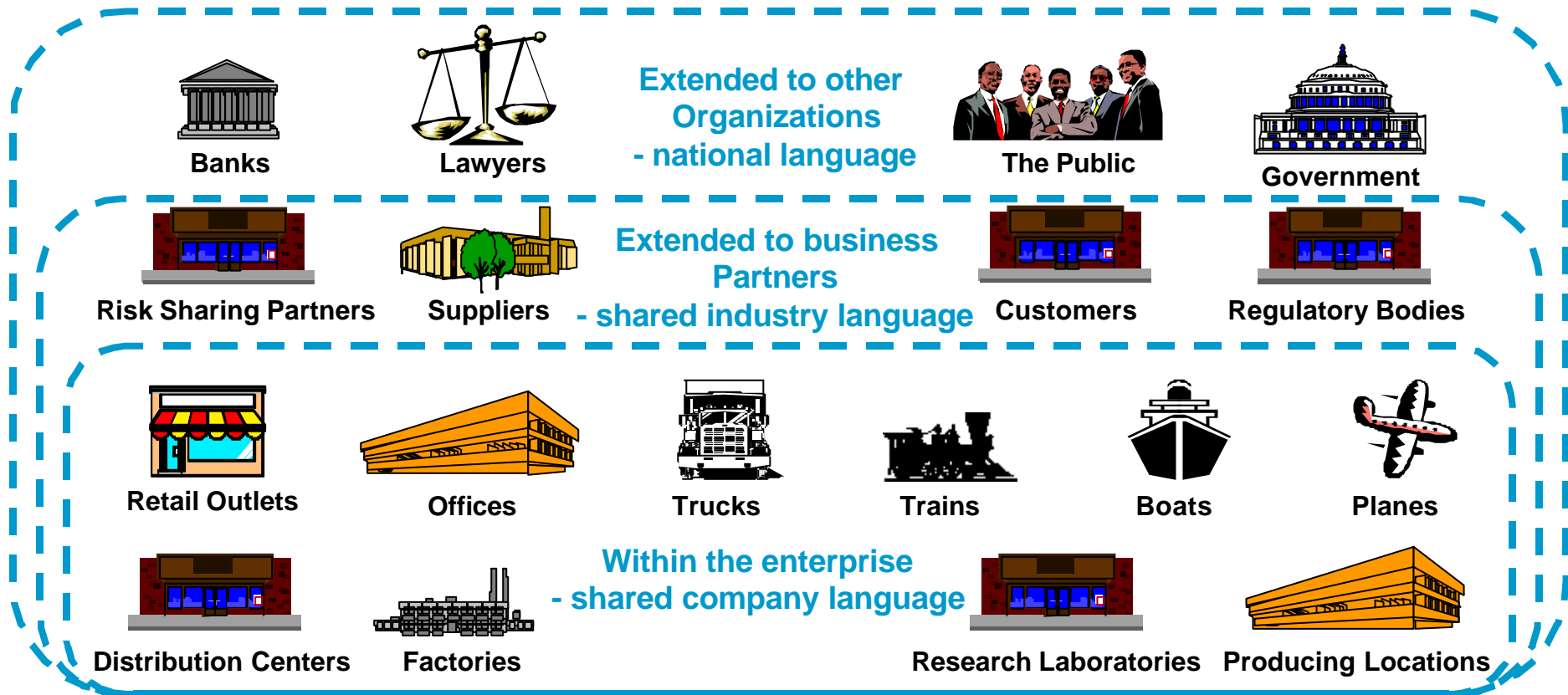# Mobile Aspects to In³

Group Discussion

What Is Meant by Interoperability

❑ A useful working definition of interoperability

  ▪ The ability of two or more entities or components to exchange information and to use the information that has been exchanged *"to meet a defined mission or objective"*

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Pain Points

- Lack of effectiveness of business operations
- Lost opportunity to add value to the business
- Increasing IT costs
- Lack of effectiveness of IT
- Reduced management control
- Increased operational risk

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Extending the Reach

Banks **Lawyers**

Extended to other Organizations - national language

The Public **Government**

Risk Sharing Partners **Suppliers**

Extended to business Partners - shared industry language

Customers **Regulatory Bodies**

Retail Outlets **Offices** **Trucks** **Trains** **Boats** **Planes**

Within the enterprise - shared company language

Distribution Centers **Factories** **Research Laboratories** **Producing Locations**

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Behaviours

- Subjects for discussion under this heading include:
  - The Mobility Directory Challenge
    - Finalisation of the Business scenario;
    - Policy, Process and Rules Enforcement
  - Identity Management
  - Directories for mobility in the context of In3.

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Services

- Subjects for Discussion:
  - Physical security of device;
  - Access security (Firewall);
  - QoS contracts - selection and enforcement.
  - State Management (including Synchronisation & System management)

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Services - comment received

- MMF should focus on :
  - Architectural and configuration models for mobile applications
  - Independent conformance testing;
  - Providing an Enterprise interoperability kit/method

  NetMotion Wireless

  - Transparent over the air provisioning of any mobile devices
    - Includes ongoing software and 'desired state' updates
  - Ongoing service management to improve usability and hide complexity from end users ("Service Chain Management")

  Sony Corp

Services - comment continued

- Web services and interoperability for mobile devices (also Mobile Directories)
- Location + position based mobile services

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- Management of mobile for enterprises
- Wireless application gateways
- Web services for mobility

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Devices

- Subjects for discussion under this heading include:
  - Device characteristics
  - Display characteristics
  - Machine to machine interfaces
  - Usability considerations
  - Ergonomics
  - Health & Safety
  - Power Management

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Devices - comment received

- End user lack of confidence in selecting a hardware vendor.

NetMotion Wireless

- More focus on notebooks and laptops (especially for security and usability). Do not get too focussed on phones and PDAs; (their problems are similar, only the form factor changes)

SystemSoft

- Security (in the fullest sense of the word) and safety is of greater import than before

Sony Corp

- Factory automation; industrial applications including remote sensing, supervisory control and data capture
- Usability improvements for mobile
- Interoperability for mobile devices

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Connectivity

❑ Subjects for discussion under this heading include:

- Session,
- Intra vehicle LAN as well as inter LAN/WAN.
- Roaming
- Transparent reconnect/restart,
- QoS of communication layer,
- Location services and awareness
- Least cost routing.

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Connectivity - comment received

- WLAN and cellular telephony convergence and integration
- Requirements (including highlighting issues) around Authentication Authorisation and Accounting in the context of WLAN and cellular
- Session persistence challenge has largely been addressed by MMF sessions management work (where to take it from here?)

Boeing

- Security recommendations for enterprise deployment of Wireless LANS

NetMotion Wireless

- Security (Wi-Fi, TLS) in mobile environments

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Other Proposed Activities

- Education on mobile for enterprise capabilities
- ROI models

NetMotion Wireless

- make enterprises comfortable with what is possible
- provide a clear roadmap to enterprises for B2E deployment
- Develop business models for mobile apps;
- Document Best Demonstrated Practice
- Collate and Publish use case scenarios

PASS Consulting

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Other Proposed Activities (2)

- Document ways to improve corporate productivity through mobile access to corporate resources (anywhere, anytime, wired/wireless) - discuss this in an In3 context

SystemSoft Corp

- Address problem of proprietary data structures; lack of standardization; (discuss how this fits with SyncML, and what is needed beyond that offered by it)

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- Provide a forum for suppliers to resolve technical differences

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Mobile Management Forum
Mission Statement

Accelerate the **integration** of **mobile applications** into any **information infrastructure**

by bringing together

supply and demand side

to ensure **delivered solutions**

meet **customer requirements**.

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