



*Boundaryless
Information Flow*

www.opengroup.org

Open Standards - Open Source

The Business, Legal, and Technical Challenges Ahead

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In association with



UNIVERSITY of ST. THOMAS

First Things First

- We would like to express our appreciation to the University of St. Thomas for hosting this event
 - Specific thanks to
 - Dr. William Estrem
 - Dean Christopher Puto

Customer problem statement

- “I could run my business better if I could gain operational efficiencies improving
 - **the many different business processes of the enterprise**
 - both internal, and
 - spanning the key interactions with suppliers, customers, and partners using
 - **integrated information, and access to that information.”**

Source: “The Interoperable Enterprise”

<http://www.opengroup.org/cio/iop/index.htm>

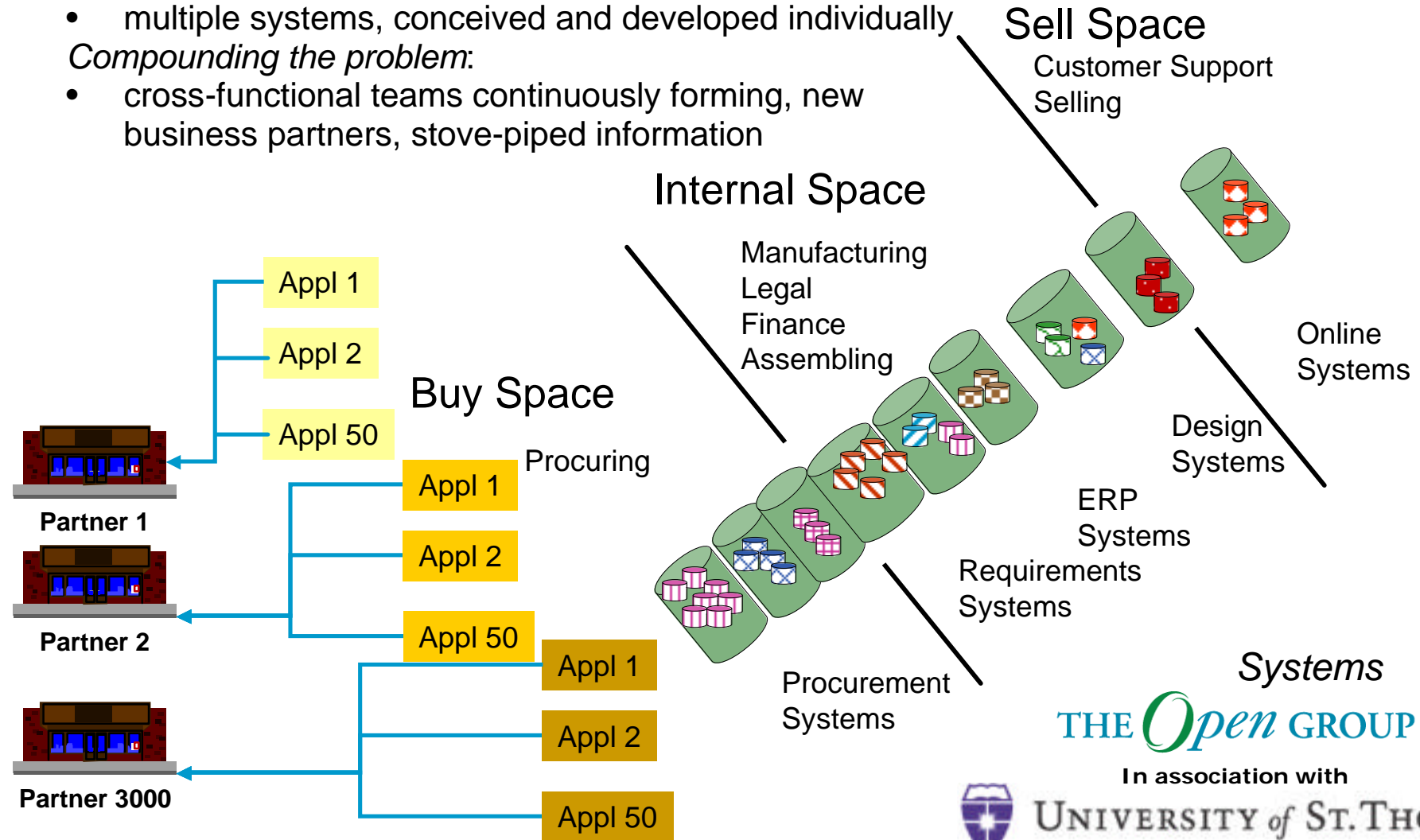
A common problem

The cause:

- multiple systems, conceived and developed individually

Compounding the problem:

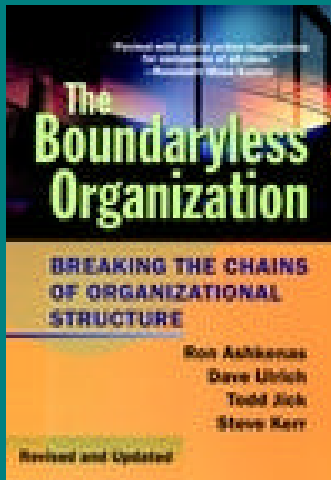
- cross-functional teams continuously forming, new business partners, stove-piped information



Vision

Boundaryless Information Flow

- ❑ achieved through **global interoperability**
- ❑ in a secure, reliable and timely manner



Boundaryless does not mean there are no boundaries – it means that boundaries are permeable to enable business.

Vision



So why do we need Open Source?



Best Practice

Certification & Testing

Specifications and Standards

Open Source

Challenges

Business Scenarios and TOGAF



The Business Scenarios Tool

□ The Interoperable Enterprise

- *Access to integrated information to support business process improvements is the root problem. INTEROPERABILITY of the infrastructure to gain that access is the main technical challenge.*

□ Identity Management

- *The human experience of IDENTITY has two elements: a sense of belonging and a sense of being separate*
Salvador Minuchin 1974

□ The Executive on the Move

- *Imagine an architecture where applications and intelligent network components access information stored in Directories in order to support mobility.*

Business Scenarios and TOGAF



The Challenges Tool

Pragmatic solutions to interoperability challenges today

❑ The Secure Messaging Challenge

- *To enable organizations to exchange strongly encrypted email using a standards-based, vendor neutral architecture that does not require manual key exchange.*

❑ Mobile Directory Challenge

- *To develop the architecture for directory support of mobile computing.*

Challenges

Business Scenarios and TOGAF



The Open Source Tool?

□ OpenPegasus

- *The premier open source implementation of CIM/WBEM*
- *Currently becoming available on most major platforms*
- *Release 2.2 now available*
- *Delivering API's to support the DMTF specifications*
- *Steering Committee members – EMC, HP, IBM*
- *<http://www.openpegasus.org>*

▪ OpenMotif

▪ OpenDCE (in progress)

Open Source

Challenges

Business Scenarios and TOGAF



The Specifications and Standards Tools

- ❑ Application Response Measurement
- ❑ Application Integration and Control
- ❑ Specification \neq Standard?
- ❑ Open Source \neq Open Standard?
- ❑ Is Open Source a Standard Model?

Specifications and Standards

Open Source

Challenges

Business Scenarios and TOGAF



The Certification & Testing Tool

- ❑ UNIX®
- ❑ Linux Standards Base®
- ❑ CORBA®
- ❑ WAP - Wireless Application Protocol
- ❑ LDAP – Lightweight Directory Access Protocol
- ❑ Schools Interoperability Forum
- ❑ DVB-MHP
- ❑ ...

Certification & Testing

Specifications and Standards

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The Best Practice Tool

- ❑ Managers Guide to Information Security
- ❑ Managers Guide to Business Scenarios
- ❑ Managers Guide to Open Source

Best Practice

Certification & Testing

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The Boundaryless Information Flow Tool Chest



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So what's this have to do with Open Source?

- ❑ Open Source is one of the many channels available to obtain solutions to the Boundaryless Information Flow problem
 - There are formal standards bodies
 - There are normal commercial products
 - There are solutions from Open Source

So what's this have to do with Open Source?

- ❑ Our Mission includes:
 - Working with suppliers, consortia and standards bodies to develop consensus and facilitate interoperability, to evolve and integrate specifications and open source technologies;
- ❑ Our Strategy includes:
 - Embrace Open Source, Open Standards communities

So what's this have to do with Open Source?

- ❑ But we need to understand
 - if and where Open Source is, or can be fit for purpose to ensure it meets the needs of our constituency
- ❑ Ergo this session!