



The Open Group Conference

Global Architectures for Enterprise System Integration



**ENSURE
YOUR PLACE
BOOK NOW**

ARE THESE YOUR CHALLENGES? DO YOU

- Employ the Internet, conduct electronic commerce, or exchange information with suppliers, customers or other parts of your business?
- Choose the best-of-breed applications and deploy them globally?
- Integrate business systems securely across the extended enterprise?
- Manage and secure diverse IT resources?

If your answer is **yes**, take practical steps towards managing this complexity and join us at our Singapore Conference.

A Special Welcome to those who are not Members of The Open Group. The fee for non-members is US\$600, but see the back page for a Special Discount to Members of CommerceNet Singapore .



The Agenda in Outline

PUBLIC SESSIONS

	Mon 26		Tue 27		Wed 28		Thu 29	
	a.m.	p.m.	a.m.	p.m.	a.m.	p.m.	a.m.	p.m.
PUBLIC SESSIONS (Open to Everyone)								
• Global Architectures (Plenary)	•	•						
• Systems Management			•	•				
• Security			•	•				
• Open Group Programs				•				
• Architecture Methodology					•	•		
• The IT DialTone Architecture						•		
• Distributed Computing (DCE)					•	•	•	•
• Demonstrations	•	•	•	•	•	•		

WHY ATTEND?

- Hear how customers are investing in, integrating, and deploying global architectures.
- Gain from the knowledge and experiences of our distinguished speakers.
- Learn about structured approaches to the design and organization of your computer environments.
- Discover the effect of regulatory and other legal issues on business strategy and architectures.
- Discuss requirements for securing heterogeneous environments in customer/vendor forums.
- See what the New DCE (Distributed Computing Environment) has to offer.
- Build your network of peers and increase your influence within the IT Industry.

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The Open Group Singapore Conference
26th - 29th October 1998 (plus 30th for Members only)
www.opengroup.org/conference

Endorsing The Open Group



Singapore

The Open Group Conference

Global Architectures for Enterprise System Integration



NEW ASIA

Why The Open Group?

Here are a few comments from our members regarding participation in The Open Group and prior conferences:

The depth of understanding and the willingness to share experience and expertise makes The Open Group meetings a "must go" in my calendar.

Nick Price, Group Technical Architect, The Dairy Farm Group.

The Open Group provides a forum that addresses the issues that organizations need to hear about. Not only that, we get information on approaches that we can take away and apply.

Hal Wilson, Vice President & General Manager, Litton PRC.

I was impressed with the activities and energy of the DCE Program Group. The demonstration of Public Key Infrastructure/DCE showed impressive functionality and excellent vendor cooperation.

Randall Burriss, Center for Computational Science, Oak Ridge National Laboratory.

From an end-user point of view, The Open Group Security Program Group meetings provide several benefits:

- face-to-face interaction with leading architects from major vendors
- an understanding of the latest development, events and future directions in the area
- an opportunity to share experiences with other companies and influence open standards.

Chii-Ren Tsai, Vice President, Citicorp Global Communications.

The Open Group has contributed to our ability to identify and meet with business peers and IT partners. In an atmosphere centered in business requirements and open discussion, our involvement has provided us with both early warning and strategic vision to support rational decisions and guide our business.

Ronald Becker Williams, Application and Security Architecture Technology Planning, Kaiser Foundation Health Plan, Inc.

The Open Group's IT DialTone is going to be THE way to implement global electronic business systems; we find it invaluable to participate in it's evolution - we know it will give us an edge.

Alan Davies, Technical Director, Gresham Computing plc.



The Conference Venue:

The Shangri-La Hotel

Orange Grove Road

Singapore 258350

Tel: +65 737 3644

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THE Open GROUP

The Open Group Singapore Conference

26th - 29th October 1998 (plus 30th for Members only)

www.opengroup.org/conference

AN OPEN LETTER TO NON-MEMBERS

September 1998

Dear Colleague

We invite you to attend The Open Group Members Conference from 26th - 30th October 1998 at the Shangri-La Hotel in Singapore. Our theme is Global Architectures for Enterprise Systems Integration.

Each quarter The Open Group members meet to work on the issues and opportunities that buyers face in protecting and enhancing their investments in IT infrastructure. From many of the world's leading companies, our customer members, including Boeing, JP Morgan, NYSE, Shell Services International, NTT, The Dairy Farm Group, Hong Kong Jockey Club, and many others work with suppliers to define the requirements for commonly available products and to cause solutions to be delivered. On behalf of our members, we offer you this unique opportunity to be fully briefed on the direction and progress that is being made in the critical areas of Architecture, Distributed Computing, Management and Security.

An important differentiator of The Open Group is the ability to influence the delivery of solutions. A recent example comes from our Security Program. This covers all aspects of security and trust needed in today's IT environment. In one area of their work, the program group identified a need for high quality cryptography to be delivered in a consistent manner regardless of vendor. As a result, Intel, with the encouragement of IBM and the full support of our other members, submitted their Common Data Security Architecture (CDSA) Specification to The Open Group's standards process. CDSA successfully and rapidly passed. Addressing issues and solutions such as this example is just one aspect of this conference's fully packed agenda.

Networking is also a high priority. Our members are keen to ensure there is ample opportunity to meet with you to discuss areas of particular interest in more depth. Also in attendance will be the standards strategists from each of our supplier sponsor members: Digital, Fujitsu, Hitachi, Hewlett-Packard, IBM, NCR, Siemens Nixdorf, and Sun Microsystems.

Although this week-long conference is normally reserved for members of The Open Group, we are pleased to offer the first four days (public sessions only), Monday, 26th through Thursday, 29th October, to non-members for the modest fee of US\$600.00. The conference is less than seven weeks away and places are filling up fast! I encourage you to clear your agenda and register online, use the booking form at the back of this brochure or call one of the contacts listed on page 7. We don't want you to miss this opportunity to take part in what promises to be an exceptional event.

We look forward to meeting you in Singapore.



Allen Brown, Senior Vice President, The Open Group

Monday
26th
October



Singapore

The Open Group Conference

Global Architectures for Enterprise System Integration



NEW ASIA

Day 1 - Plenary Day

The objects of our Plenary Day are to highlight the reasons why an architectural approach is important, to gain from the experience of those who have used this approach, and to discuss the issues.

Introduction

Allen Brown will discuss the objectives of the whole conference and mention some of the highlights of the program. He will also describe the context for this Session and relate it to the overall work of The Open Group and partner organizations.

Allen Brown, Senior Vice President, The Open Group

The Electronic Transactions Act of Singapore

Singapore is a world leader in international trade and has been progressing rapidly on the development of an Electronic Commerce infrastructure. Broadband media are in place and the government is very active in promoting Electronic Commerce. A series of legislation is in process, including the recent Electronic Transactions Act.

Dr Toh See Kiat is the Member of Parliament for the Aijunied GRC. He will describe the key features of the Act itself and discuss aspects of contractual liability, government use of electronic records and the planned deployment of public key infrastructure.

Dr. Toh See Kiat, Member of Parliament, Chairman of CommerceNet Singapore, Legal Advisor to IT Management Association

Singapore ONE: Connecting Everyone and Providing the Platform for Commerce

Singapore ONE, a nationwide multimedia broadband network and service, is a key component of the IT2000 vision to transform Singapore into an Intelligent Island to enhance the quality of life of Singapore at home, work and play. Michael Yap, Deputy Chief Executive, National Computer Board, will present an overview of the Singapore ONE effort and its current status as well as the architecture behind Singapore ONE. He will also discuss how various enterprises are leveraging or connecting to Singapore ONE, and talk about some of the overseas connectivity, and ways in which enterprises can benefit from such overseas connectivity. This positions a corporation/country in the Electronic Commerce (EC) age.

Michael Yap, Deputy Chief Executive and Director Infrastructure, National Computer Board

Coffee Break

A Global Architecture for Defense

Historically, defense was a national issue. However, in today's environment allied defense operations represent the business doctrine worldwide. Major operations will therefore be joint operations and information systems must support a global architecture for defense. To make that a reality the international defense community is working towards a common

architecture and a core set of standards and approaches for global interoperability.

This presentation will be delivered by representative leaders in this endeavor.

These key organizations have come together and are well advanced in agreeing the set of core standards and approaches on which allied operations and internal enterprise architectures will be based. In this joint presentation, the speakers will describe the challenges they face and the joint solution they have adopted in implementing the global architecture for defense.

Speakers representing the UK Ministry of Defence, US Department of Defense, NATO C3 Agency, and the Australian Defence Force.

Lunch

Largest Retailer in Asia: Business Advantage through Architecture - The Challenges and Opportunities

The Dairy Farm Group (DFG) is an international Retail Group, headquartered in Hong Kong with operations throughout Asia Pacific, including Australia/New Zealand. DFG operates 1500+ stores in three formats: Supermarkets, Convenience Stores, Health & Beauty.

Nick Price, Group Technical Architect will discuss the importance of Technical Architecture and how DFG is using its architecture as part of its overall IT strategy to maximise competitive advantage, and position the group as the leading chain store retailer in Asia for the next millennium.

Nick Price, Group Technical Architect, The Dairy Farm Group

Interactive Session

(Audience participation)

Next Generation Applications and Infrastructure: The Internet2 Project

Around the world a number of next generation initiatives are underway, developing networked applications for research and education that can't run on today's commodity internet. Each application requires an advanced infrastructure, one that provides new functionality through enhanced middleware services, quality of service guarantees, and much higher bandwidth (typically 100 to 1000 times greater than what we have today).

The Internet2 Project is a university-led program providing coordination and support for advanced networking initiatives in the U.S. Working cooperatively with industry and government, the Internet2 Project emphasis is on building advanced applications and effecting technology transfer to the broader internet. The talk will provide an overview of both the Internet2 applications and engineering efforts. I will also highlight similar efforts around the world and describe the plans to link national efforts into a global research and education network. (Edited version of synopsis, see our Web site)

Ted Hanss, Director of Application Development, Internet2 Project

Coffee Break

Electronic Government in Korea

Against a background of major projects to build the Korean Information Infrastructure and the National Administration Information System, the Ministries of Information and Communication and Government Administration and Home Affairs and the National Computerization Agency are creating a framework for "Electronic Government". This involves widespread use of electronic documents and includes a set of related standards, regulations and management procedures.

Some of the key issues will be addressed in the project and some of the requirements will be addressed that must be met. It will also be talked about the issues affecting user adoption and touch on aspects that are particular to the region. A few suggestions will be made as to how industry can support this kind of major project and it will be talked about the need for international collaboration and standardization.

Dr Jong Sung Sunwoo, Vice President, IT Standards Research Division, National Computerization Agency of Korea

Visual Enterprise Architecture Planning- Ensuring the enterprise's strategic IT architecture stays aligned with business directions

Enterprise Architecture Planning can be a complex and costly undertaking. Rapid changes in the business and technology environment are making it increasingly difficult to maintain an up-to-date Strategic Information Systems architecture for the enterprise.

NCR presents its "Visual Enterprise Architecture Planning" (VEAP) method. VEAP allows IT architects to dynamically develop and refine business scenarios; to develop the information models and systems topologies that support these scenarios; to explicitly plan and visually demonstrate the linkages between business and technology; and to undertake so-called "what-if" analyses to understand the impact of changed business or technology conditions.

Lars W Henriksen, Senior Architecture Consultant, NCR

The Central Role of Architecture in The Open Group

As a lead in to the detailed Architecture briefing session later in the week, this session will describe how The Open Group makes use of its own Architecture Reference Model and Development Method to ensure that the future strategy for the IT DialTone is firmly based on the real needs of customers.

Mike Lambert, Vice President and Chief Technical Officer, The Open Group

Post Conference Reception: meet the speakers and network with your fellow delegates

Please note that the Agenda for this and other days is subject to change. Agenda updates, further information, speaker biographies etc., can be found on our web site.

Demonstrations will be scheduled throughout the day. Details will be on our Web site.



Management Briefing

Introduction to Systems Management and the Work of The Open Group

Karl will provide an overview in the field of Enterprise Systems Management covering the work of The Open Group and general development of standards. He will address the strategic importance of systems management and the development of the art. Karl will look briefly at the attempts to develop management architectures and the extent to which system management fits within an overall architecture. Karl will provide the context for the remainder of the day.

Karl Schopmeyer, Co-Chair, System Management Program Group

Software License Management

Martin will introduce the subject of software license management and explore the issues and concerns which underpin the development of the forthcoming Open Group Technical Standard. The proposed Technical Standard provides a standard software license certificate, and a set of programming interfaces for manipulating, obtaining, and releasing licenses.

Martin Kirk, The Open Group

Coffee Break

Service Level Management

Carl and Jim will examine the topic of Service Level Management from both a user's and a supplier's perspective. Increasingly seen as one of the key approaches in getting to grips with managing the enterprise, Service Level Management is a complex and emerging discipline, for which tools are beginning to be provided. Understanding the definition of services, and the resources on which they depend, will be a major challenge for the end-user community.

*Carl Bunje, The Boeing Company and
Jim Willits, Hewlett-Packard*

Lunch

Common Information Model (CIM)

Ray will provide a full briefing on CIM. CIM is an approach to management of systems and networks that applies the basic structuring and conceptualization techniques of the object-oriented paradigm. This approach uses a uniform modeling formalism that, together with the basic repertoire of object-oriented constructs, supports the cooperative development of an object-oriented schema across multiple organizations. This enables sharing of information in systems and across networks.

Ray Williams, Tivoli Systems, Vice President of Technology, DMTF

Systems Management and its Relevance to the Enterprise

The presentation will pose the question: "How does the work of The Open Group relate to the Enterprise?"

Karl Schopmeyer and Martin Kirk.

Security Briefing

Secure Electronic Commerce - A Guided Tour of Initiatives and Issues to be Resolved

Both Nick and Martin are responsible for the strategic direction and provision of secure services within their own organizations, and are familiar with many of the forward-looking initiatives that are underway in different parts of the world. This session will take us on a guided tour of these initiatives and consider the issues being faced, whether technical, commercial or regulatory, progress on their resolution, and strategic options for the future.

*Nick Mansfield, Shell International and
Martin Roe, UK Post Office*

Legal Risks of Electronic Commerce

Although there are many technical hurdles to be overcome before secure electronic commerce becomes as widespread as we all hope, there are many legal and regulatory issues that must be faced if a business relying on electronic commerce is to survive and prosper. This session will highlight some of these issues, based on Yves' own observations of real case histories and will describe, where possible, ways to move forward.

Yves LeRoux, Compaq

Coffee Break

Common Architecture for Public Key Infrastructures (APKI) - A Guided Tour and its Business Benefits

A robust, flexible, standard, and open Public-Key Infrastructure Architecture is critical to the success of secure electronic commerce and other business applications or services. The Open Group have been working with experts in other organizations, (IETF, CommerceNet, European Commission funded projects, etc.), to define such an architecture. This session will guide us through the architecture and highlight the key components from both a business and technical perspective.

Charles Blauner, JP Morgan and Bob Blakeley, IBM

Common Data Security Architecture (CDSA) - A Guided Tour and its Business Benefits

CDSA (Common Data Security Architecture) provides a comprehensive and coherent set of security services that are vital to secure electronic commerce and other business applications or services. A large part of the world's foremost technology suppliers and customers worked together to deliver this cross platform industry standard for access to cryptographic, certificate management, trust policy management and key recovery services. This talk will cover the features and benefits of CDSA from both a business and technical perspective.

John Wilson, Intel

Lunch

Asia-Pacific Security Experiences and Issues

The Security Program Group have built valuable working relationships with many other organizations, including, but not limited to, The Key Recovery Alliance, IETF, OMG, W3C, CommerceNet, European Commission funded projects, The

American Bar Association, The Banking Industry Technology Secretariat of The Bankers Roundtable.

Having been accustomed to meeting in Europe and North America, the Security Program Group members decided that they needed to promote their work in the Asia-Pacific regions with a view to improving cooperation and coordination, as well as learning about Asia-Pacific initiatives, and any special issues that need to be accommodated for these regions. The objective of today's sessions is to openly exchange information between members of The Open Group and new attendees from the Asia-Pacific regions to enable that cooperation, and to highlight any issues that need to be resolved. These sessions (and others throughout the remainder of the week) should be viewed as opportunities to influence the project plans of various organizations, in order to improve the potential for business and technical interoperability, portability, and flexibility.

Program Groups

The Open Group operates a number of work programs and it is not practicable for each member to participate in all of them. This session provides a quick way to get an update on what is happening in each of the programs. Non-members will find this session invaluable in seeing the scope, depth, and nature of the work of a key constituent of The Open Group

The Agenda is as follows:

Overview by *Mike Lambert*

Architectural Framework (TOGAF) by *John Spencer*

DCE by *Deborah May*

Management by *Martin Kirk*

Security by *Dean Adams*

Forward Perspective by *Mike Lambert*

DCE User's Group

DCE Practitioners Session

The Tuesday evening session is specifically designed for DCE Practitioners (engineers, architects, administrators, users and others) in the Asia-Pacific Region to get to know each other. Please come and share your DCE experiences and network with others who are working with DCE.

Demonstrations will be scheduled through Wednesday. Details will be on our Web site.

Weds, Thurs &
Fri 28/30th
October



Singapore

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Architecture Briefing (Weds)

Background, context and The Open Group Architectural Framework (TOGAF)

John and Christer will explain the TOGAF Program and its context: The Architectural Continuum and the IT DialTone™ Architecture. They will also explain the TOGAF Reference Model (TRM) and the role of the Standards Information Base (SIB).

*Christer Askerfjord, Sweden Post and
John Spencer, The Open Group.*

Coffee Break

The TOGAF Architecture Development Method (ADM), Requirements and Business Scenarios

Walter and Terry will introduce and explain the TOGAF ADM. They will describe the processes of requirements gathering and the development of business scenarios under the ADM, and examine the role of the architect. This will be followed by discussion.

Walter Stablecker, Hewlett-Packard and Terry Blevins, NCR Corporation

Lunch

TOGAF Case Studies: The Dairy Farm Group

The Open Group's Architectural Framework (TOGAF) was used as the underpinning methodology in the creation of The Dairy Farm Group (DFG) Technical Architecture. DFG is the largest retailer in Asia and is undertaking a group-wide supply chain re-engineering effort in conjunction with their major IT suppliers (IBM, HP, Microsoft and Oracle). The Open Group has supplied some of the key resources to assist DFG in developing, promulgating, and enforcing the TA - a cornerstone of the re-engineering strategy.

Geoff McClelland will outline the why of the decision to use TOGAF, the benefits and pitfalls of the approach, and what was learned along the way.

Geoff McClelland, Director, Centre For Open Systems P/L, Australia. Australia

TOGAF Case Studies: Using TOGAF as a procurement tool

DSS have focused on architectural and engineering principles as a means of differentiating between Service Providers, and to an extent in building consensus for their Model Technical Architecture. David will share his experiences.

David Blair, Department of Social Security - ITSA, UK

TOGAF Case Studies: The PRC experience

Hal will provide an overview of PRC's experience with TOGAF and the use of architectural frameworks in PRC's business operations.

Hal Wilson, Vice President and General Manager, Net Solutions, Litton/PRC Inc.

Coffee Break

The IT DialTone™ Architecture

Mike will give an introduction to the IT DialTone Infrastructure and the IT DialTone Architecture. He will explain the relationship with TOGAF.

Mike Lambert, VP and Chief Technical Officer, The Open Group

Distributed Computing: DCE Briefing (Weds)

DCE's Role in Enterprise Critical Computing

A full day's Briefing on DCE. Full details including timings are to be found on our Web site.

Led by Eliot Solomon, Chair, DCE Program Group and Deborah May, The Open Group, with Greg Clark of DASCOM, and Dave Hemsath of IBM, and others.

DCE: In the beginning

An overview of classic DCE. What it was intended to do and how it has evolved.

DCE Customer Forum and Vendor Forum

Overview of the DCE Forum, how customers and vendors can get involved, and an update of current activities.

Customer Success Stories (two sessions)

A review of successful implementations of DCE highlighting the key benefits, including contributions from several enterprises.

DCE Vendor Updates (two sessions)

Presentations by Compaq, DASCOM, Gradient Technologies, and IBM with updates on new developments with DCE and DCE-related products.

DCE Strategy - The New DCE

Eliot will discuss how the New DCE helps maximize business value delivered to users and will focus on the needs of the mission-critical enterprise.

Joint Meeting with the Security Program Group

Results of the Formal Review of DCE Public Key Certificate Login, Next Steps - Commercial Products and Open Branding, and future DCE Security requirements.

Distributed Computing: DCE Tutorials (Thurs)

DCE Training - Introduction to DCE and DCE Security for first-timers and others

A half-day tutorial on DCE for beginners. Full details including timings are to be found on our Web site.

Led by Pierre Noel and Deborah May, The Open Group

Introduction to DCE

Covering the history, DCE Services, usage, and the benefits.

DCE, Kerberos, GSSAPI and PKI

Introducing DCE's Security Capabilities. This tutorial will cover Secret Key vs Public Key and the trusted third party, tickets and ticket granting services, privileges and EPACs, DCE Access Control (ACLs), and integration of Public Key using DCE: DCE RFC 68.4.

DCE and Related Technologies: Co-existence and Integration

A session on DCE and Related Technologies. Full details including timings are to be found on our Web site.

DCE: Integration with other Technologies

Covers how DCE works with related technologies: DCE & CORBA, DCE & Java, and DCE & Public Key Infrastructure.

Member Sessions (Thurs & Fri)

The Open Group Conference includes a number of sessions which are for Members Only. These include Sessions on Friday 30th October. Full agendas will be found on the Web site as the details are finalised.

Timetable for Members-only Sessions:

Wednesday 28th October

Joint Council Business Meeting (am)

Java - Special Session (pm)

Management Program Group (all day)

Members Dinner

Network Client (am)

Security Program Group (all day)

Thursday 29th October

TOGAF Program Group (all day)

Management Program Group (all day)

Security Program Group (all day)

Friday 30th October

Security Program Group

Please note that the Agenda for this and other days is subject to change. Agenda updates, further information, speaker

Demonstrations will be scheduled throughout the day. Details will be on our Web site.



The Open Group Conference

Global Architectures for Enterprise System Integration



BOOKING FORM

(continued)

Accommodation

A limited number of hotel rooms are available at the conference venue at special Open Group rates. These rooms include buffet breakfast and are available on a first-reserved basis until the allocation is filled. The special rate is available only to bookings made prior to 1 October 1998, applies only to those hotel bookings made via The Open Group, and is subject to availability.

All reservations require a credit card guarantee. Guests who do not cancel their reservation or fail to check in will be charged one night at the room rate.

Please make the following reservation on my behalf at the special rate below (if available):

Arrival date: Late arrival time: Departure date:

Single Occupancy - Singapore \$220.00 Double Occupancy - Singapore \$245.00

Smoking Room required

Hotel Privilege Cardholder Number

Special Requirements. Please indicate any ADA, dietary or special conference requirements.

.....
(You will be contacted to review these.)

An additional charge of 14.33% will be added to your room rate. This is comprised of a Hotel Service Charge (10%), Government Tax (1%) and a Goods and Services Tax (3%).

When the Open Group room allocation is filled, or reservation is made after 30 September 1998, room rates are at the prevailing rates and subject to availability. Delegates are required to make their own reservations after 30 September.

Conference Venue

The Shangri-La Hotel
Orange Grove Road
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