

The Open Group

Taipei Taiwan

November 2013

THE *Open* GROUP

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Delivering Business Value



The role of open standards

You have a choice: you can either create your own future, or you can become the victim of a future that someone else creates for you. By seizing the transformation opportunities, you are seizing the opportunity to create your own future.

Vice Admiral (ret.) Arthur K. Cebrowski

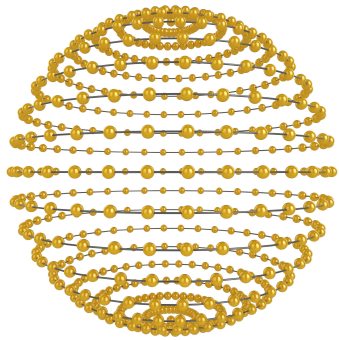
Our Vision

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."

Our Mission



PEN

The mission of The Open Group is to drive the creation of Boundaryless Information Flow™ achieved by:

- Working with customers to capture, understand and address current and emerging requirements, establish policies, and share best practices;
- Working with suppliers, consortia and standards bodies to develop consensus and facilitate interoperability, to evolve and integrate specifications and open source technologies;
- Offering a comprehensive set of services to enhance the operational efficiency of consortia; and
- Developing and operating the industry's premier certification service and encouraging the procurement of certified products.

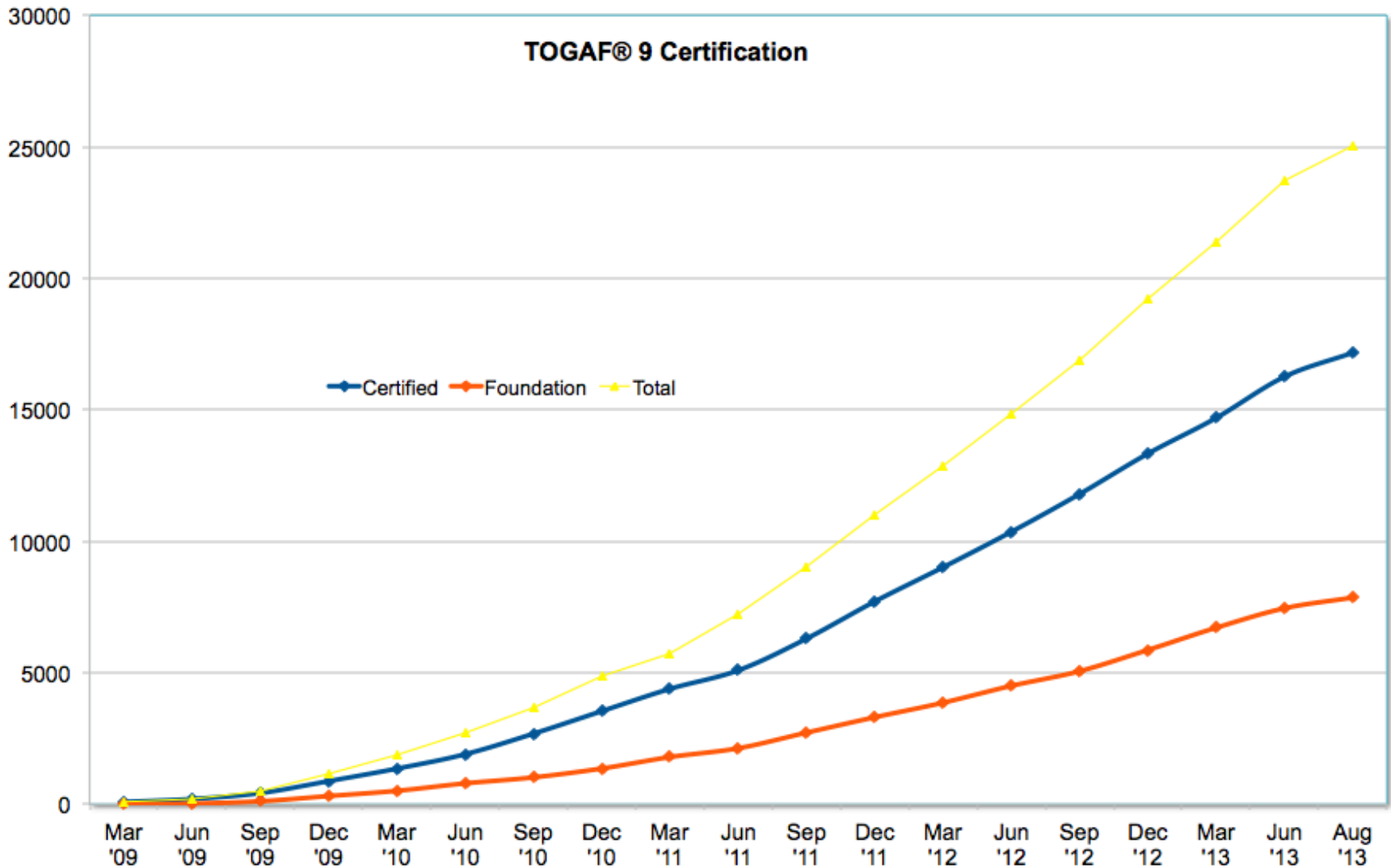
The Open Group ...

- Is an international vendor - and technology – neutral consortium that organizations rely on to lead the development of IT standards and certifications
- Provides guidance and open environment to enable interoperability and vendor-neutrality
- Membership is open to all enterprises, small, medium and large, anywhere in the world

What The Open Group Does

- **Membership**
 - Forums and Work Groups
 - Standards Development, Industry and Domain
- **Events**
 - International Conferences
 - Regional Conferences
- **Certification**
 - People – Open CA, Open CITS, ArchiMate®, TOGAF®,
 - Products – UNIX®, Architecture Tools
 - Services – Accredited Training Providers

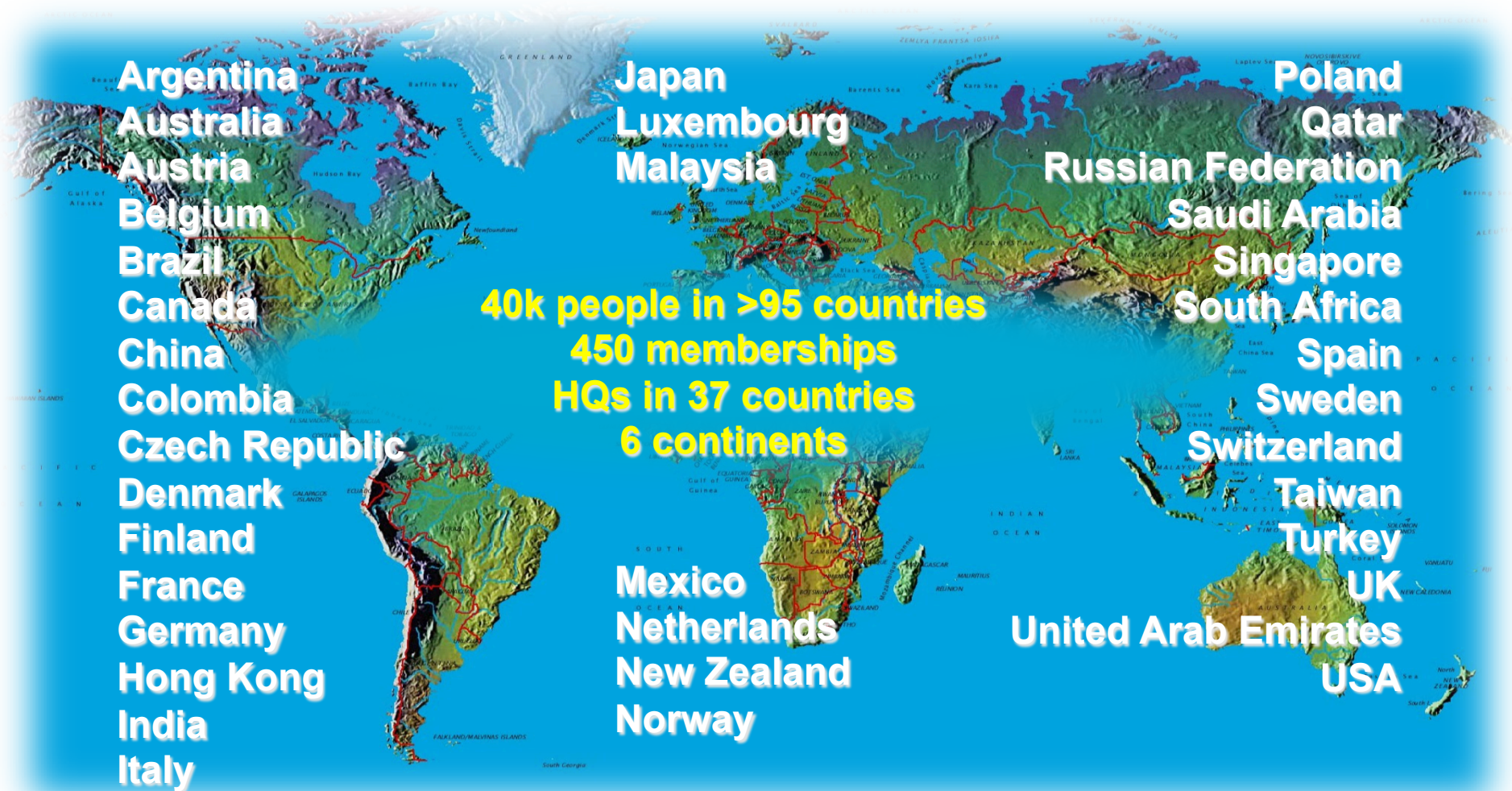
TOGAF® Certification Reaches 25,000** Milestone 8/13



Valuable Certifications – Highest paying

- ❑ Foote report Based on US & Canadian data
- ❑ TOGAF® and Open CA certification placed top of the 340 highest paying non-certified and 289 highest paying certified IT skills, respectively
- ❑ “vendor independent organizations such as The Open Group have far fewer resources for promoting their programs but what they do have are superb architecture certifications that employers need and highly value and we see their certifications holding their value if not gaining ground.”

Open Group membership





Focused on business objectives

Decided to create their own future

Chose open standards

Example of Members



Some more of our members

PHILIPS

ORACLE



Atos
Worldwide IT Partner



Microsoft

RioTinto



Capgemini
CONSULTING. TECHNOLOGY. OUTSOURCING



CHEMCHINA

China National Chemical Corporation

PRICEWATERHOUSECOOPERS PwC

accenture
High performance. Delivered.

EY
Building a better
working world

Deloitte.



华为, 不仅仅是世界500强



ERICSSON

SIEMENS

TATA CONSULTANCY SERVICES

THE *Open* GROUP

Forums

Tackling Boundaryless Information Flow	White Papers	Standards	Product & service certification	People & professional certification
Enterprise Architecture	✓	✓	✓	✓
Platform 3.0 (CC/BD/Soc/Mob)	✓	✓		
Portability of applications	✓	✓	✓	✓
Real-time and Embedded Systems	✓	✓	✓	✓
Security, compliance, identity and risk management	✓	✓	✓	✓
Exploration Mining, Metals, Minerals	✓	✓		
Trusted technology – Supply Chain	✓	✓	✓	

Work Groups

Tackling Boundaryless Information Flow	White Papers	Standards	Product & service certification	People & professional certification
Quantum Lifecycle Management	✓	✓	✓	
Semantic Interoperability	✓	✓	✓	

Membership Key Features

- Early access to the latest information on standards industry developments
- Network with a world-class community of peers, experts, and industry leaders
- Gain insight for future decisions from major customers and suppliers
- Influence outcomes that benefit their organisations
- Grow professionally, and enhance credibility as industry thought-leaders

Enterprise Architecture using TOGAF®

TOGAF® an Open Group standard

- The Enterprise Architecture standard used by the world's leading organizations to deliver business value.
- A methodology & framework
 - Combine industry best practices with your own organizations best practices
 - Everyone speaks the same language
 - The most prominent and useful EA standard
 - Avoid being locked into proprietary methods
 - Saves time and money
 - Proven, tested, and effective, accelerator
 - Utilize resources more effectively
 - Demonstrates ROI
 - Reliable
 - Benchmark

TOGAF® 9 Components

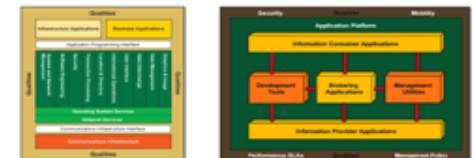
ADM



Architecture Content Framework



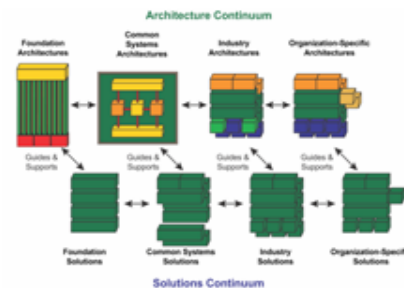
Reference Models



ADM Guidelines & Techniques



Enterprise Continuum

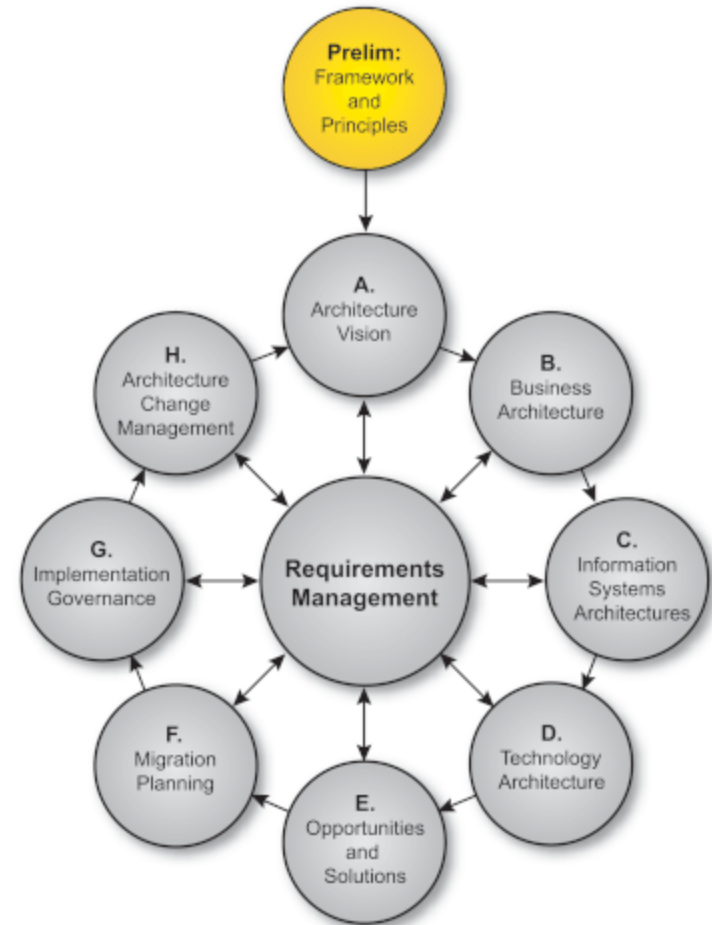


Architecture Capability Framework



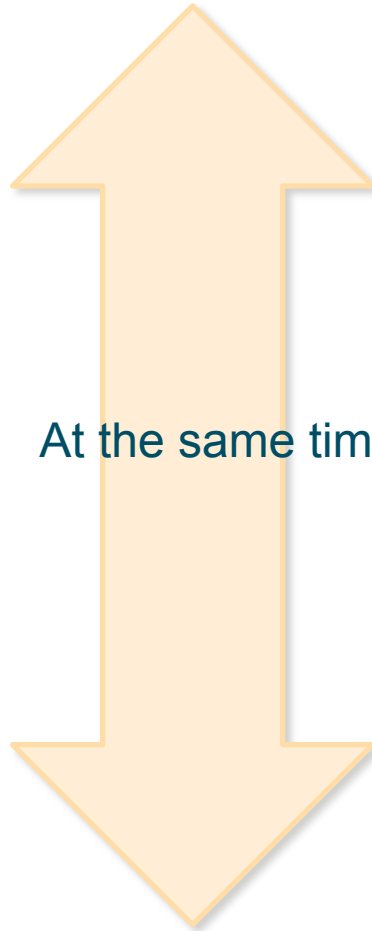
Enterprise Architecture Practice Characteristics

- ❑ Framework and Method
- ❑ Principles
- ❑ Standards and Taxonomy
- ❑ Governance
- ❑ Tools
- ❑ Organization, Roles, Responsibilities, Career paths
- ❑ Training and Certification
- ❑ Culture and Adoption
- ❑ Managing Political Change



Common Objectives driving EA usage

Deliver New Capabilities



At the same time

Reduced Cost/Optimize Investment

Placing Enterprise Architecture

- ❑ Is it about where the EA function is located organizationally?
- ❑ Is it about the behavior exhibited organizationally?
- ❑ Is it about organizational maturity or “readiness”?
- ❑ What about you and your partners?

A Management Discipline and Strategic Activity

- Identify the scope of business transformation
- Set out the principles
- Capture requirements
- Identify constraints
- Know where you are
- Know where you want to go
- Examine the gaps and implications
- Plan how to get there
- Execute on the best practice method tailored to you

EA Management Archetypes - Passive

- IT-biased EAM
 - Focus on IT operations and on IT alignment
 - Low values for design impact, integrative role and business support
 - Passive role!
 - Focus on documentation, not on innovation support
 - 19 out of 94 EAM cases

Vgl. Aier, Gleichauf & Winter 2011
© Oct-12, IWI-HSG

EA Management Archetypes - Lightweight

- Very limited realization with regard to every design factor!
 - Low maturity suspected
 - 22 out of 94 EAM cases

EA Management Archetypes - Active

- Business to IT model
 - Extensive IT support
 - Operations
 - Management
 - Strategy
 - Integrative role
 - Design impact is high
 - High maturity suspected
 - 53 out of 94 EAM cases

Vgl. Aier, Gleichauf & Winter 2011
© Oct-12, IWI-HSG

World Class EA: Capabilities

General Business Capabilities Supporting an Architecture Practice

Architecture Team
Leadership & Direction

Performance
Measurement

Team Management

Risk Management

Enterprise Engagement
& Enrolment

Architecture at the Strategy and Portfolio Management Level

Architecture-Led
Enterprise Strategy
Development

Architecture Support for
Business and IT Strategy
definition

Architecture Road-
Mapping

Architecture at the Program Level

Architecture Supported
Program Inception

Architectural Governance
and Issue Management

Architecture at the Project Level

Architecture Budgeting &
Estimation (Effort & Cost)

Solution Architecture

Project Assurance

Using Architecture to Manage Third Party Contractors

Architecture Supported
Procurement

Architecture Supported
Contractor Governance

Contractor Collaboration
and Integration
Management

Foundational Architecture Capabilities

Architecture Standards
& Reference Models

Architecture
Deliverable
Standardization

Architecture
Infrastructure & Tools
Standardization

Knowledge
Management for
Architecture Products

Configuration
Management of
Architecture Products

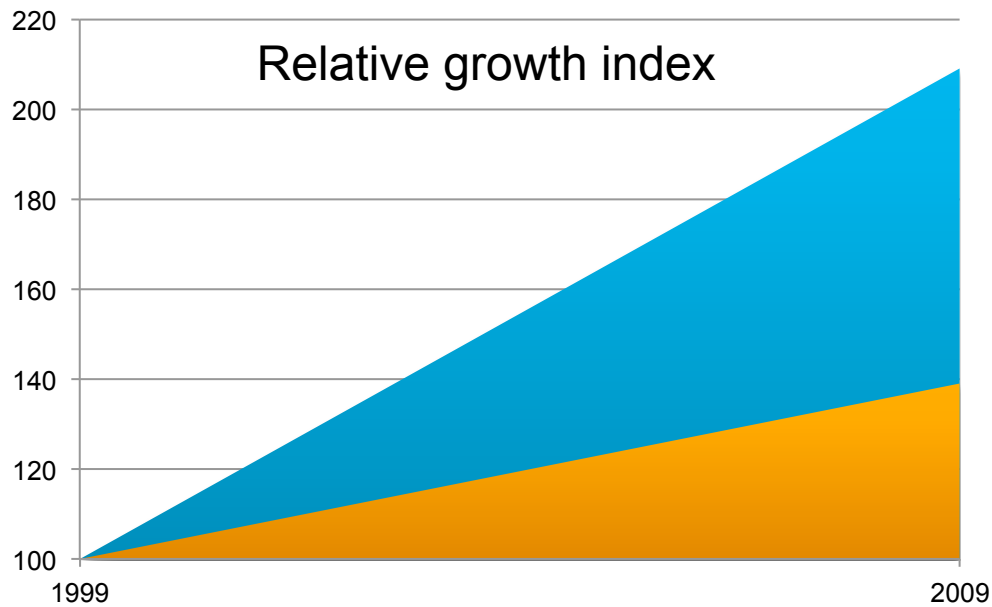


Focused on business objectives

Decided to create their own future

Chose open standards

Case Study

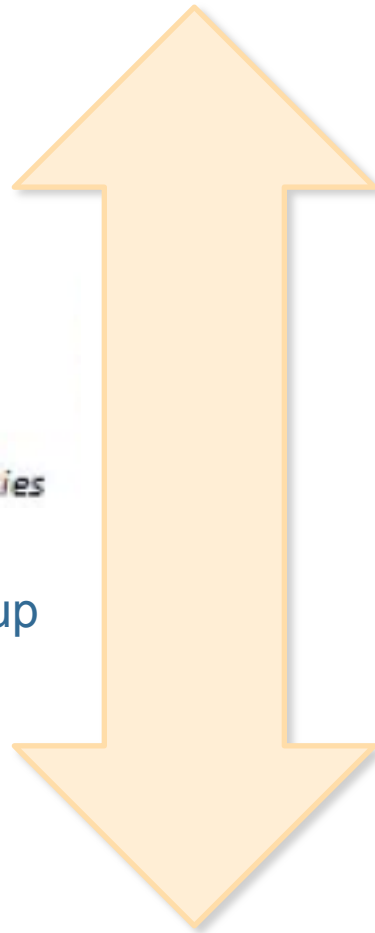


■ Health care expenditure
■ GDP

Can \$45bn

Made the choice to create their own future

Improve the quality of care

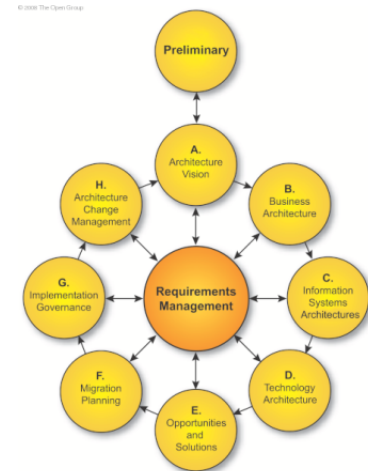


A member of The Open Group

The start



Find a better solution
for Paging, an official
form of communication
in most hospitals



Source: UCSF Medical Team 2009

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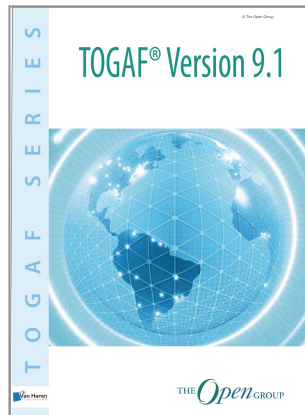
Made the choice to adopt open standards



TOGAF®

An Open Group standard

- ❑ The world-leading standard for how to do Enterprise Architecture



ArchiMate®

An Open Group standard

- ❑ Open and independent modeling language for enterprise architecture



Other stakeholder perspectives

- The “what” and “why” of the problem



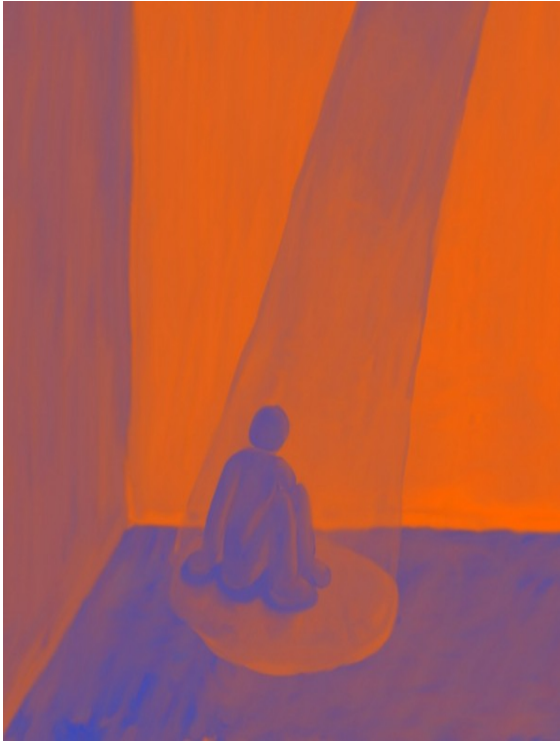
Research: 30+ papers from
British Medical Journal, New
England Journal of Medicine,
Nursing Quarterly + . . .

The real problem with communication is a lot more complex



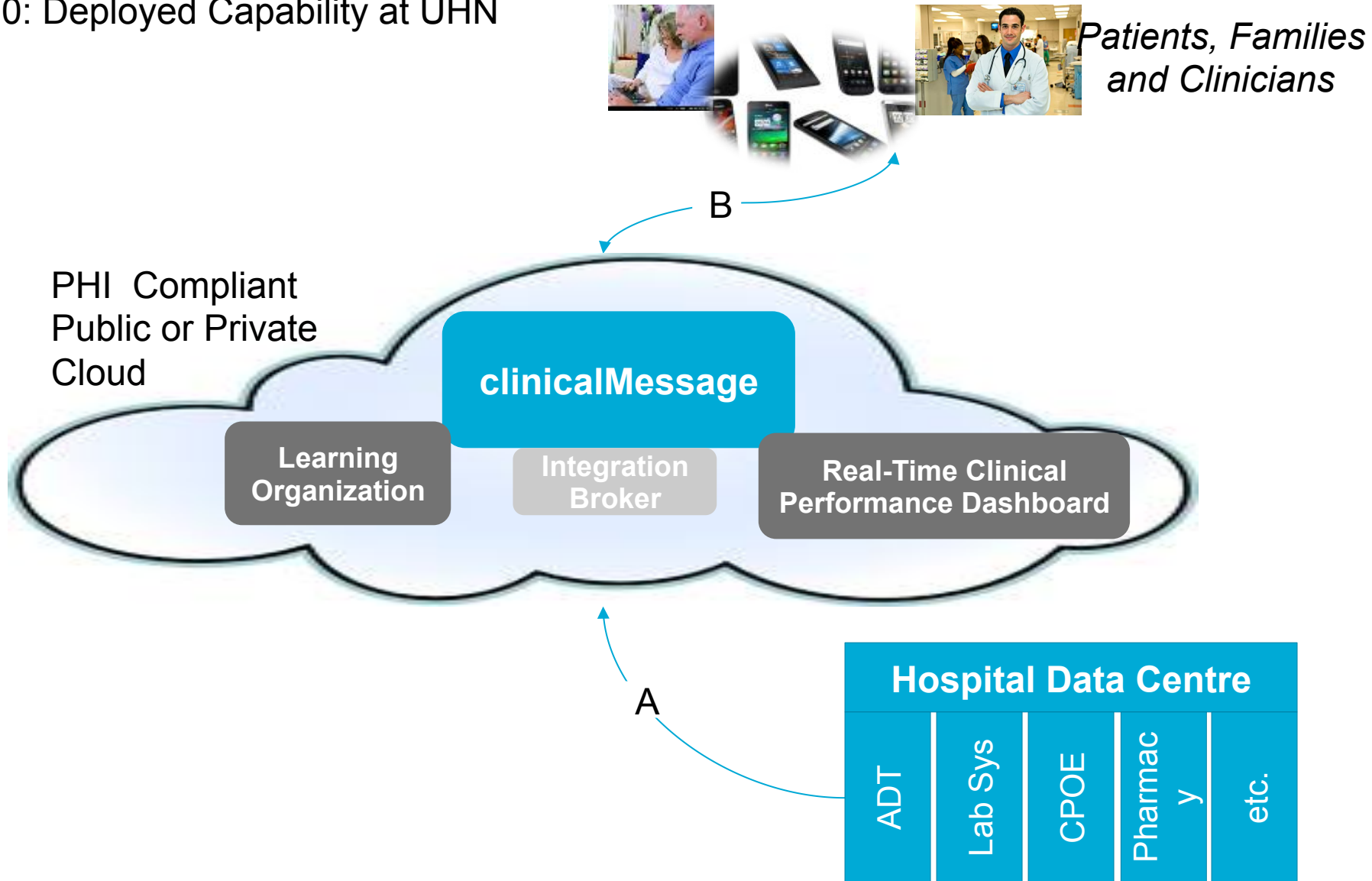
- Multi-disciplinary care team
- Mobile Knowledge workers
- Knowledge Workers: but they don't work in a Learning Organization
- Evidence Based Practice
- Governance around non-clinical matters
- Inadequate Information Technology -> it just doesn't support the natural way the work is done
- Overall enterprise culture is not supportive of total quality

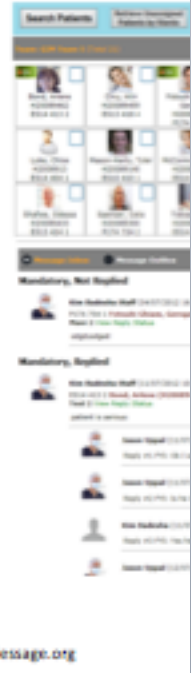
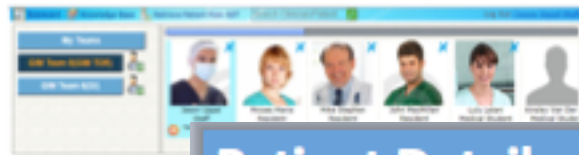
Value of Improved Communication



- . . . Reduce avoidable errors caused by poor communication: e.g. *not knowing the discharge date and time, not knowing that the patient doesn't speak English and call his daughter to translate*
- . . . Lessen time spent looking for the correct contact information
- . . . Reduce ER Consult time
- . . . Lessen Readmission Rates
- . . . For Patient-Centered Medical Homes: Lessen admission rate for chronically ill patients
- . . . Reduce Length of Stay

2010: Deployed Capability at UHN





Patient Detail

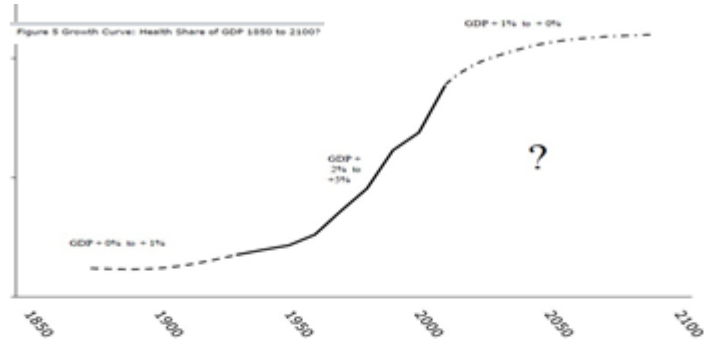


Patient Centric Message



www.dinclaMessage.org

Benefits



- Efficiency gains via improved communication
- Reduction in length of stay
- Grassroots based Innovative solutions
- Patient satisfaction – wait time, discharge time, care team and other measures
- Staff satisfaction – accountability must come with tools to correct
- Re-admission rates
- Admission rate of chronically ill

Cloud benefits



- Time and effort to enhance current and deploy new capabilities
- Cloud host makes best practices available
- Enables Inter-Organization collaboration and sharing
- Bring your Own Device – accessibility from anywhere
- Faster Recovery in the event of a Disaster

Reduction in total cost

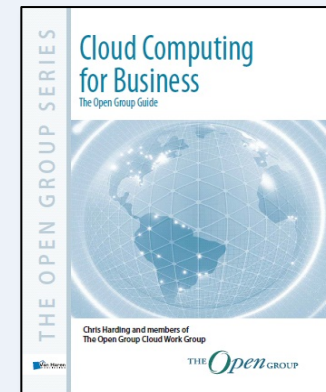
- To society
- To patient
- To payer
- To hospital operating

Key Learning Points

Architecture should address the whole problem not just part of it

Cloud Myth

Cost reduction is not the reason to use the Cloud

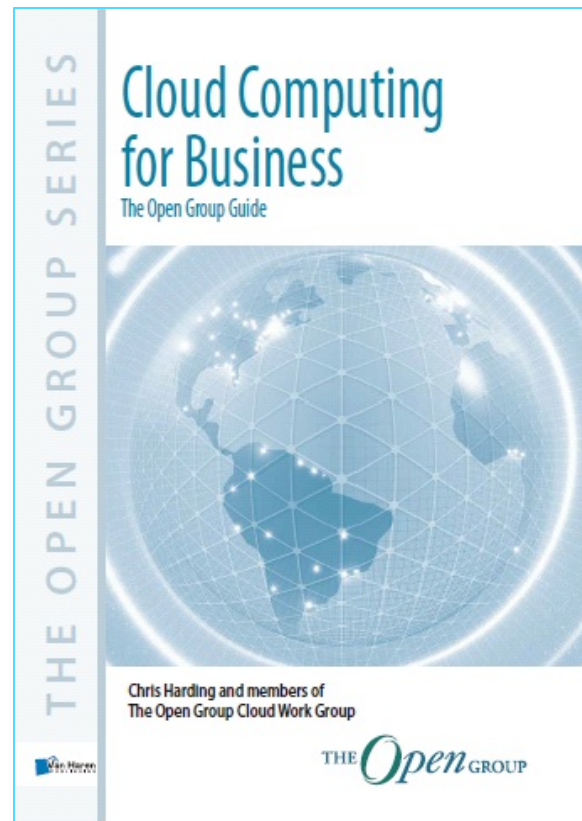
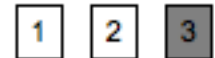


An Open Group guide



OPEN

The Open Group
helps enterprises deploy
cloud computing
technology for greater
scalability and ROI



Business focused White Papers

- ❑ Building Return on Investment from Cloud Computing
- ❑ Strengthening your Business Case for Using Cloud
- ❑ Cloud Buyers' Decision Tree
- ❑ Cloud Buyers' Requirements Questionnaire, Version 1.0
- ❑ Maximizing the Value of Cloud for Small-Medium Enterprises
- ❑ Cloud Computing Explained

Availability

FREE PDF

<http://tinyurl.com/d2gxlc9>

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Projects to support Cloud architectures

- ❑ Cloud Computing Reference Architecture
- ❑ Using TOGAF® for Cloud Ecosystems
- ❑ Cloud Interaction Ecosystem Language

Projects to support non-functional ...

- ❑ Security Principles for Cloud and SOA
 - White Paper:
 - An Architectural View of Security for Cloud
- ❑ Cloud Computing Interoperability and Portability
- ❑ Cloud Computing Governance



Focus on business objectives

Make the choice to create your own future

Make the choice to adopt open standards

Case Study



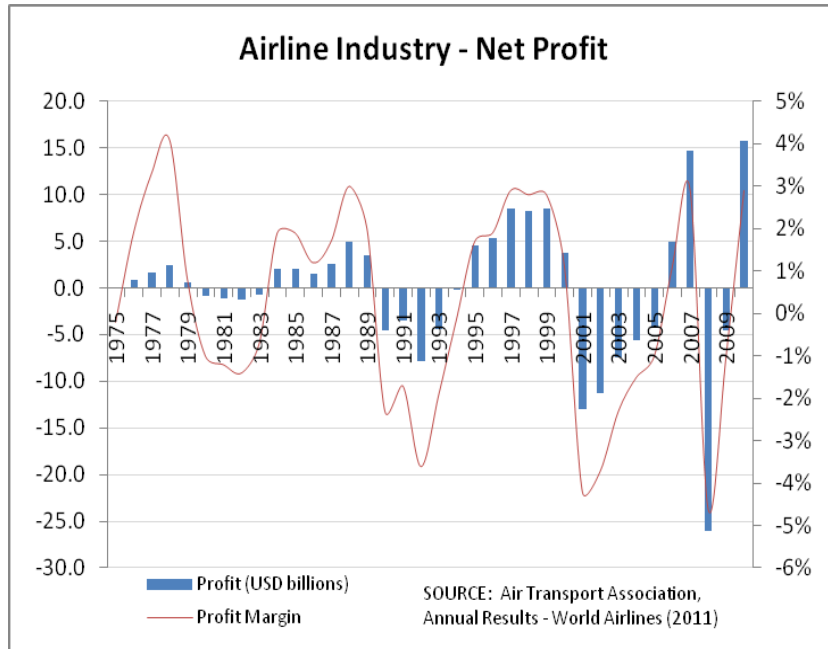
Building an Architecture Practice *in the Context of an IT Transformation*

**October 25, 2011 –
The Open Group Conference
Taipei, Taiwan**



Jake Sims
Chief Architect,
Cathay Pacific
Airways

... and the airline industry was experiencing an extreme cyclical downturn



The cyclical nature of the industry requires long term planning and diligent cost control

Our industry

The industry is unique ...

- Driven by large, long-term assets including IT
- Cost management is critical
- Cyclical with decreasing cycle times and increasing volatility
- One of the first to go “online” with centralised reservation systems in the 1950s

2008 and 2009 were challenging years ...

- 2008 = record oil prices and record losses
- 2009 = Global Financial Crisis

Technology has always been important to the industry, but it is fast becoming indispensable

Increasing Need for Technology

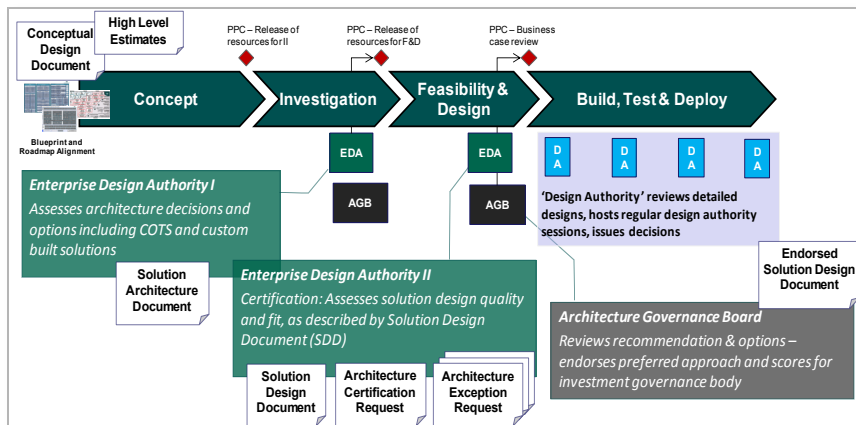
- Changes in product distribution
- Unbundling, dynamic packaging
- Ancillary sales (air & non-air)
- e-Enablement of aircraft fleets
- Digitisation of cargo processes (e-Freight)
- Evolving consumers (digital natives)
- Growth of mobile computing
- Green IT
- Real-time integration with alliance partners and border security agencies
- Mergers



The need for a strong architecture process, a clear vision for the future and the path to achieve it were evident

Made the choice to adopt open standards and benefit from the collective knowhow of their peers

... so we used the TOGAF ADM and content framework to accelerate the development of our methodology





Focused on business objectives

Made the choice to create their own future

Made the choice to adopt open standards

“Other” Government Agency value Cases using TOGAF

- Canada
 - India
 - Brazil
 - Norway
 - UK
 - UAE
-
- <http://www.opengroup.org/public/member/proceedings/>

Private Sector value cases using TOGAF

- Deutsche Telekom
- Fannie Mae
- Devon Energy
- BNP Paribas
- Nationwide Insurance
- American Express
- <http://www.opengroup.org/public/member/proceedings>
- HuaWei, ChemChina, GKHB



Focused on business objectives

Made the choice to create their own future

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Philips

Case Study

Philips

Vision

- At Philips, we strive to make the world healthier and more sustainable through innovation. Our goal is to improve the lives of 3 billion people a year by 2025.



- We will be the best place to work for people who share our passion. Together we will deliver superior value for our customers and shareholders.

<http://www.philips.com/about/company/missionandvisionvaluesandstrategy/index.page>

Competence Development at Philips

- Philips carried out assessments on 900+ IT staff to benchmark them against the program.
 - Individual development plans
 - Readiness for Certification – and a plan to achieve it
- Over 120 people from the Netherlands, US and India have achieved Open CITS certification.
- Addition of Service Management stream in 2012 has added 1000 people to the target group



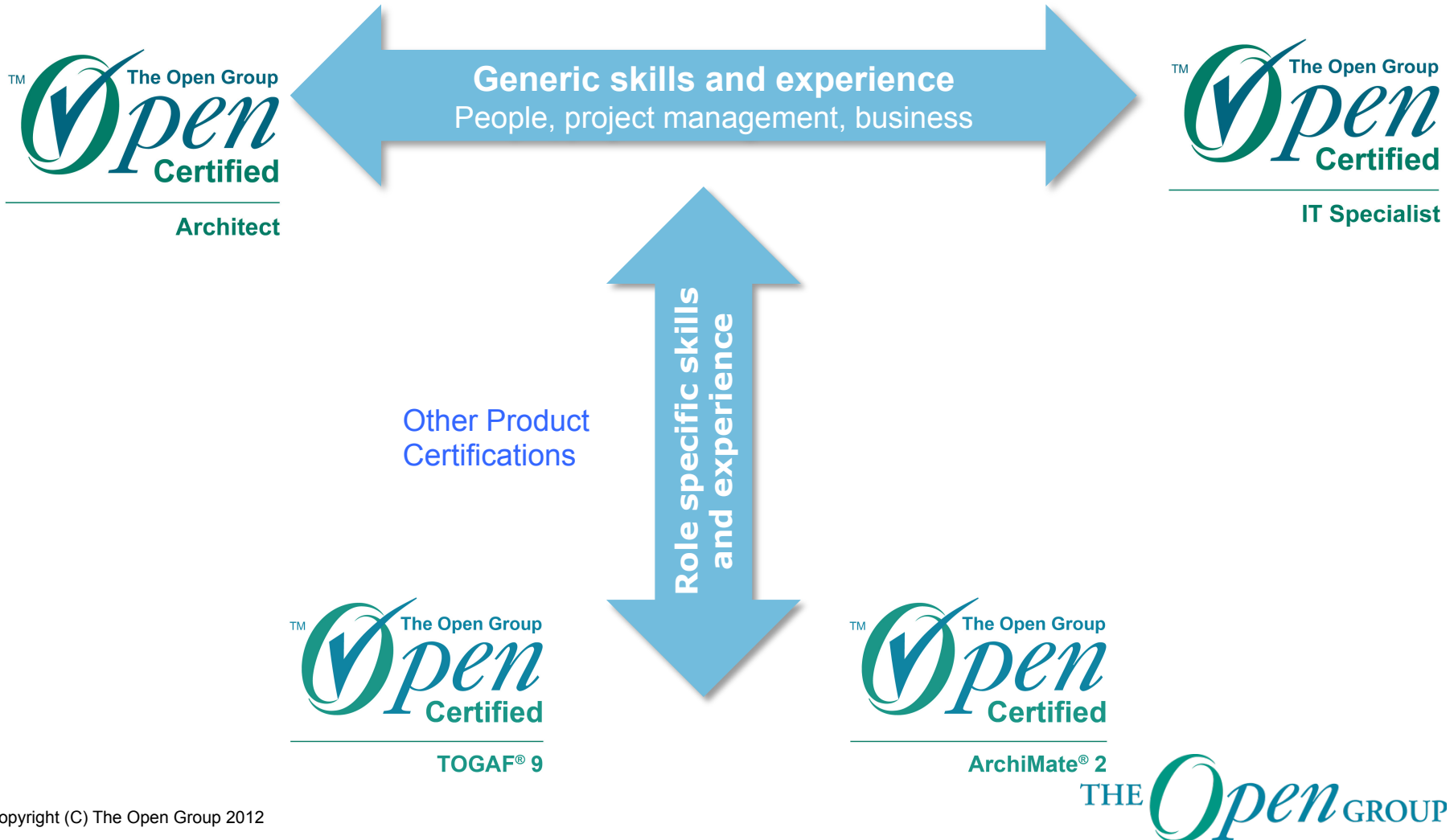


Focused on business objectives

Made the choice to create their own future

Made the choice to adopt open standards

Certification and “T-shaped” people



The Open Group People Certification Programs

- ❑ Method Based – TOGAF® and ArchiMate®
- ❑ Skills and Experience Based – Open CA and Open CITS
 - ❑ The Open Group Certified Architect (Open CA) Program
 - ❑ The Open Group Certified IT Specialist (Open CITS) Program

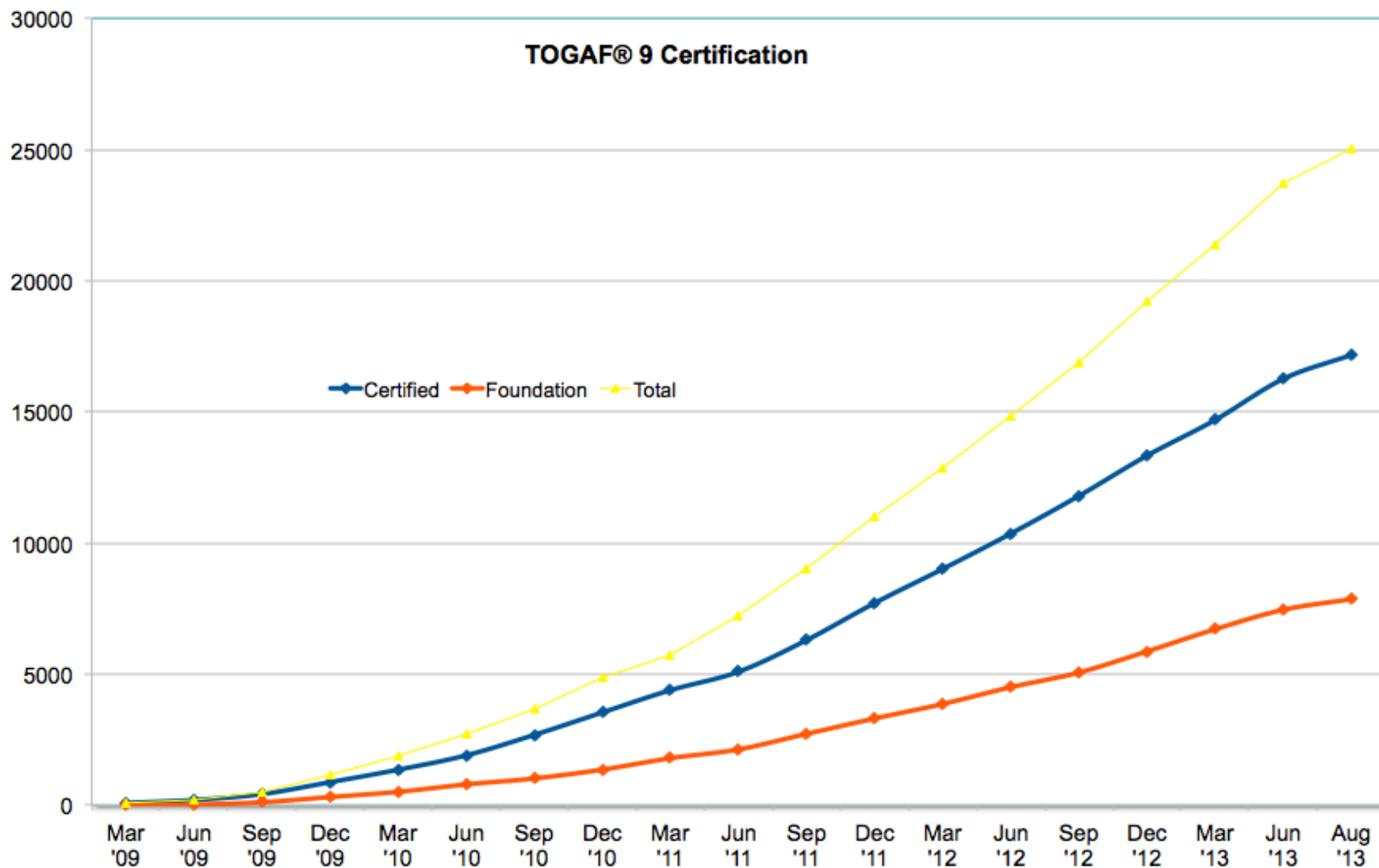


TOGAF® an Open Group Certification

Valuable Certifications – Highest paid

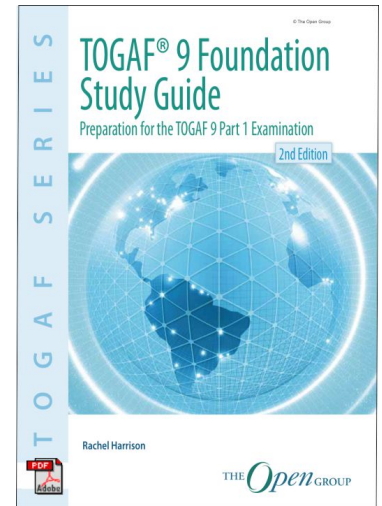
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TOGAF® Certification Reaches 25,000 Milestone



TOGAF Certification

- **TOGAF - the Enterprise Architecture standard used by the world's leading organizations to improve business efficiency**
- Certification based on knowledge of TOGAF
- Certification requires passing exams
 - Prometric Test Center
 - Internet Based Testing (IBT)
- Accredited Courses are available world wide
 - 50 courses from 43 organizations
- Taking a course is advised but not required
- Self study guides are available



Levels

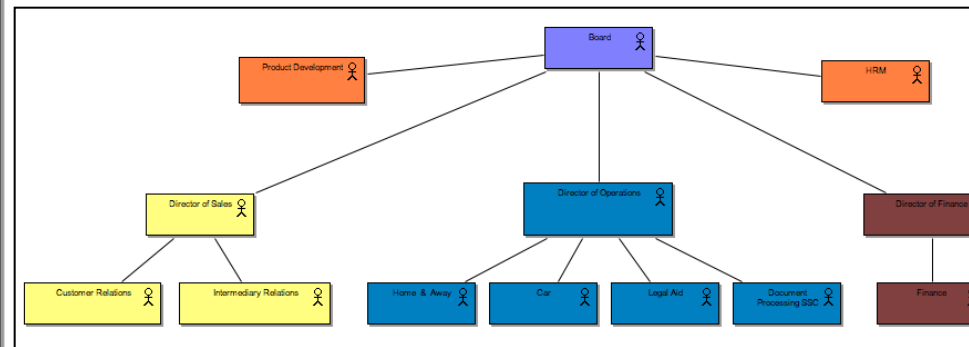
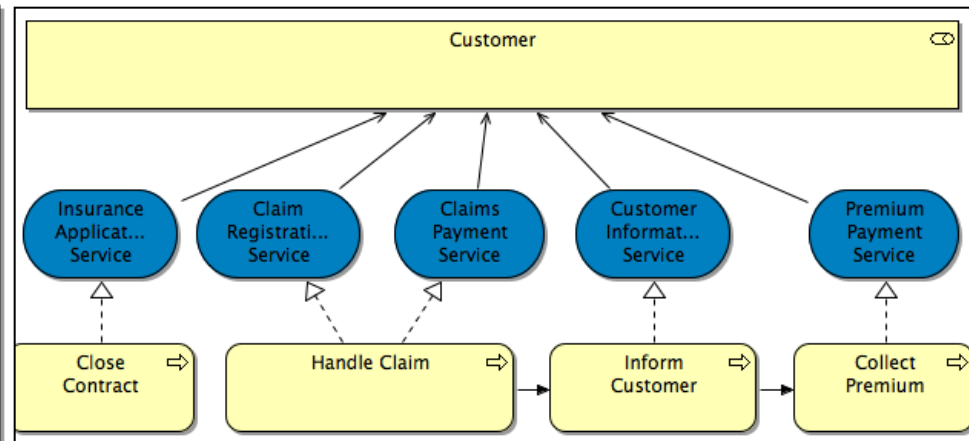
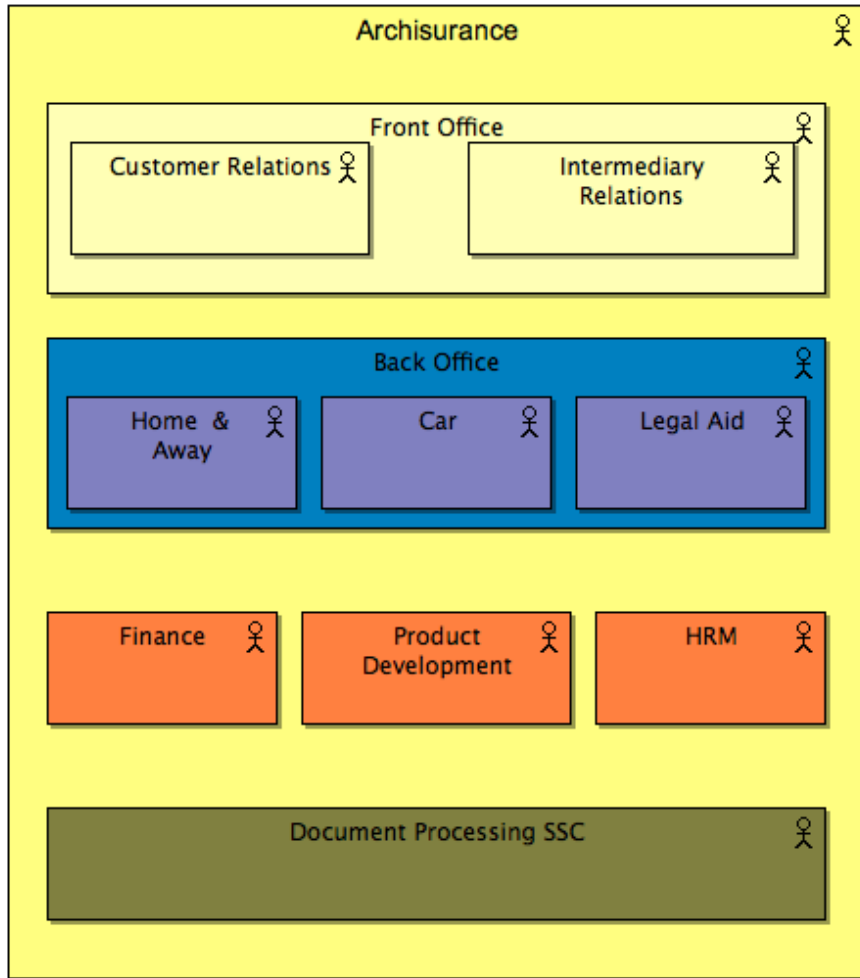
- *Foundation:*
 - knowledge of the terminology and basic concepts of TOGAF 9 and understanding of the core principles of Enterprise Architecture
- *Certified*
 - in addition to knowledge and comprehension, the candidate is able to analyze and apply knowledge of TOGAF

ArchiMate® 2 Certification

ArchiMate®, an Open Group Standard

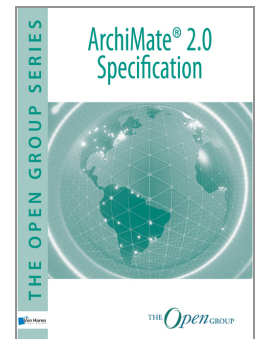
- An open and independent modeling language for enterprise architecture
- Supported by tool vendors and consulting firms
- Enables enterprise architects to describe, analyze and visualize the relationships among business domains in an unambiguous way.

Archisurance Case Study

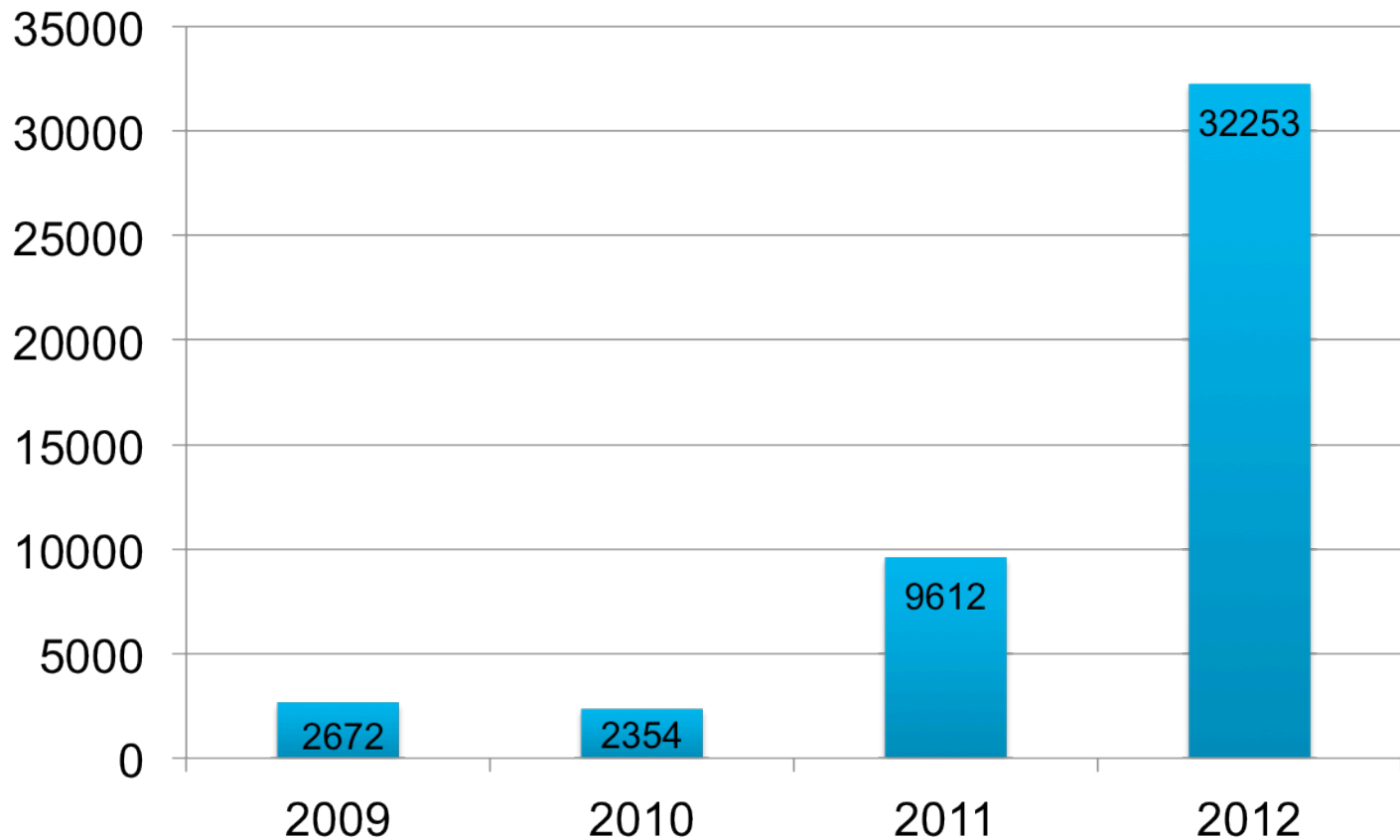


ArchiMate® 2 Certification

- Certification launched in January 2012
 - to provide validation that the candidate has gained knowledge of the terminology, structure, and concepts of ArchiMate and has the capability to use ArchiMate for modeling
- To become certified you must attend an accredited course and pass an exam
 - Accredited courses include a practical test
- 513 people certified
- 9 Accredited Courses



ArchiMate® Downloads



Open Certified Architect and Open Certified IT Specialist

Open CA

- Open CA provides a skills and experience based certification program for IT Architects that is used by the world's leading enterprises
 - Key features and benefits
 - An independent, global certification program for qualifying the skills, knowledge and experience of IT Architects
 - The best & most professional IT Architect certification program in the industry
 - Objective, repeatable, reliable
 - A peer-reviewed, vendor-neutral benchmark
 - A guide for selecting the most qualified individuals for critical roles & responsibilities
 - Proven, tested & effective
 - Future streams for Business Architects and Enterprise Architects
 - Provides a clear path for professional development
 - Advance your career
 - Gain peer recognition
 - Succeed in today's competitive job market
 - Increase salary & promotion prospects
 - Don't have to prove your skills & experience
 - Boost your IT skills
 - Get more interesting & rewarding job assignments

Open Certified Architect

- Adopted by major customer enterprises
 - Astrazeneca
 - ING
 - Nationwide
 - UPS
 - Others that cannot be named at this time
- Will increasingly be included in RFP's
- Certifications to date
 - > 3,200
- Certifications to date at 160 enterprises, including leading customers
 - Cargill Corporation
 - Credit Suisse
 - DHL
 - Direct Energy
 - GSA
 - Gtech
 - HSBC
 - Shell
 - Vodafone
 - Wal-Mart

Open CA Adoption

- 3587 certified individuals from 160+ companies across 60 countries
- Accredited Certification Program (ACP) providers are IBM, HP, Raytheon and CA
- Large corporate users include:



- Organizations currently running pilot programs:



Open CA, an Open Group Certification



Philips

An Open CITS Case Study

The AEA a Professional Organization

Microsoft®
Translator

English

Russian



Association of
Enterprise Architects

Translate this page

Original

Microsoft® Translator

СВЯЖИТЕСЬ С НАМИ | МОЙ ПРОФИЛЬ | ВЫХОД

Enter search criteria..

Главная

Кто сейчас онлайн?

О нас

Членство

Принять участие

Группы

Найти группу

Форумы

Центр карьеры



Добро пожаловать на наш Интернет-сообщество, AEA!

Добро пожаловать в наш онлайн члена сообщества. Мы надеемся, что вы будете исследовать различные возможности, которые предлагает наш сайт. Мы создали этот онлайн-пространство для членов войти в систему и создать динамический профиль, совместной работы над проектами, поделиться своими идеями и знаниями – и, самое главное, связаться с другими членами.

Доля, сотрудничать, обмениваться и расти-Вот почему мы здесь, и мы надеемся, что вы тоже. Участвовать и исследовать в любое время, от ..

Мой профиль

» Главная Профиль

» Управление профилем

» Группы

» Сети

» Файлы и ссылки

» Избранное

» Сообщения

» Соединения

» Информация о членстве

» Пригласите друга

Последние

больше

новости

8/6/2013

Кодекс этики Рабочей группы возобновить

8/6/2013

Thank You