Why is TOGAF™ Certification Important?

THE Open GROUP

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TOGAF 8 Certified

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The next information revolution

- “So far, for 50 years, the information revolution has centered on data …
  - their collection, storage, transmission, analysis, and presentation
- It has centered on the "T" in IT
- The next information revolution asks,
  - What is the MEANING of information, and what is its PURPOSE?”

Source: The next information revolution by Peter F. Drucker, 1999

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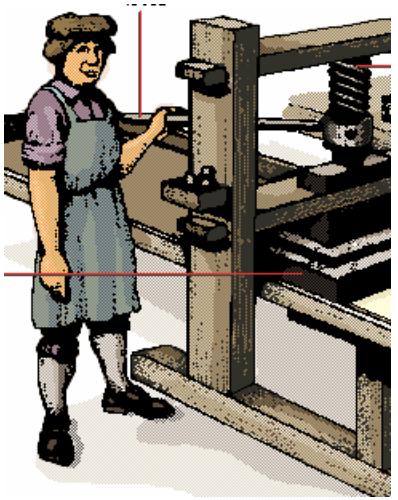
Impact – by the year 1500



> 10,000 Unemployed

1,000 across Europe

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Evolution from “T” to “I”

- By 1580 or so
  - Printers, with their focus on technology, had become ordinary craftsmen, respectable tradesmen to be sure, but definitely not of the upper class.
  - Their place was soon taken by what we now call publishers (though the term wasn't coined until much later), people and firms whose focus was no longer on the "T" in IT but on the "I."

Source: The next information revolution by Peter F. Drucker, 1999

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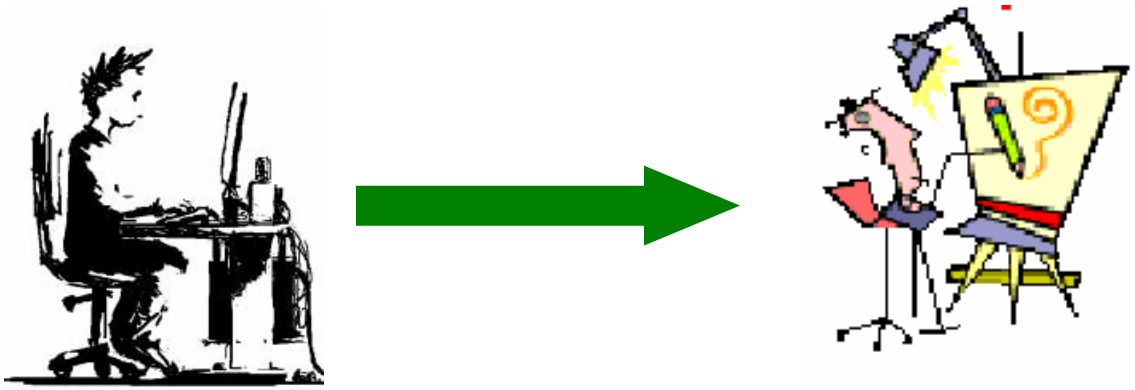
History repeating itself?

- Software development with its focus on technology, is being off-shored and outsourced
- Their place is being taken by what we now call architects (though there remains some discussion around the definition of the term), people and firms whose focus was no longer on the "T" in IT but on the "I."



"The IT people of the printing revolution were the early printers", Drucker

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A revolution in concepts

- “The next information revolution is well under way. But
- it is not happening where information scientists, information executives, and the information industry in general are looking for it.
- It is not a revolution in technology, machinery, techniques, software, or speed.
- It is a revolution in CONCEPTS.”

Source: The next information revolution by Peter F. Drucker, 1999

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What concepts do we need?

- What information concepts do we need for our tasks?
- Economic-chain accounting
  - Cars, Retail
- Integrated information
  - Accelerated time to value
- Service Oriented Architecture
  - Focusing on the “S” not the “T”

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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

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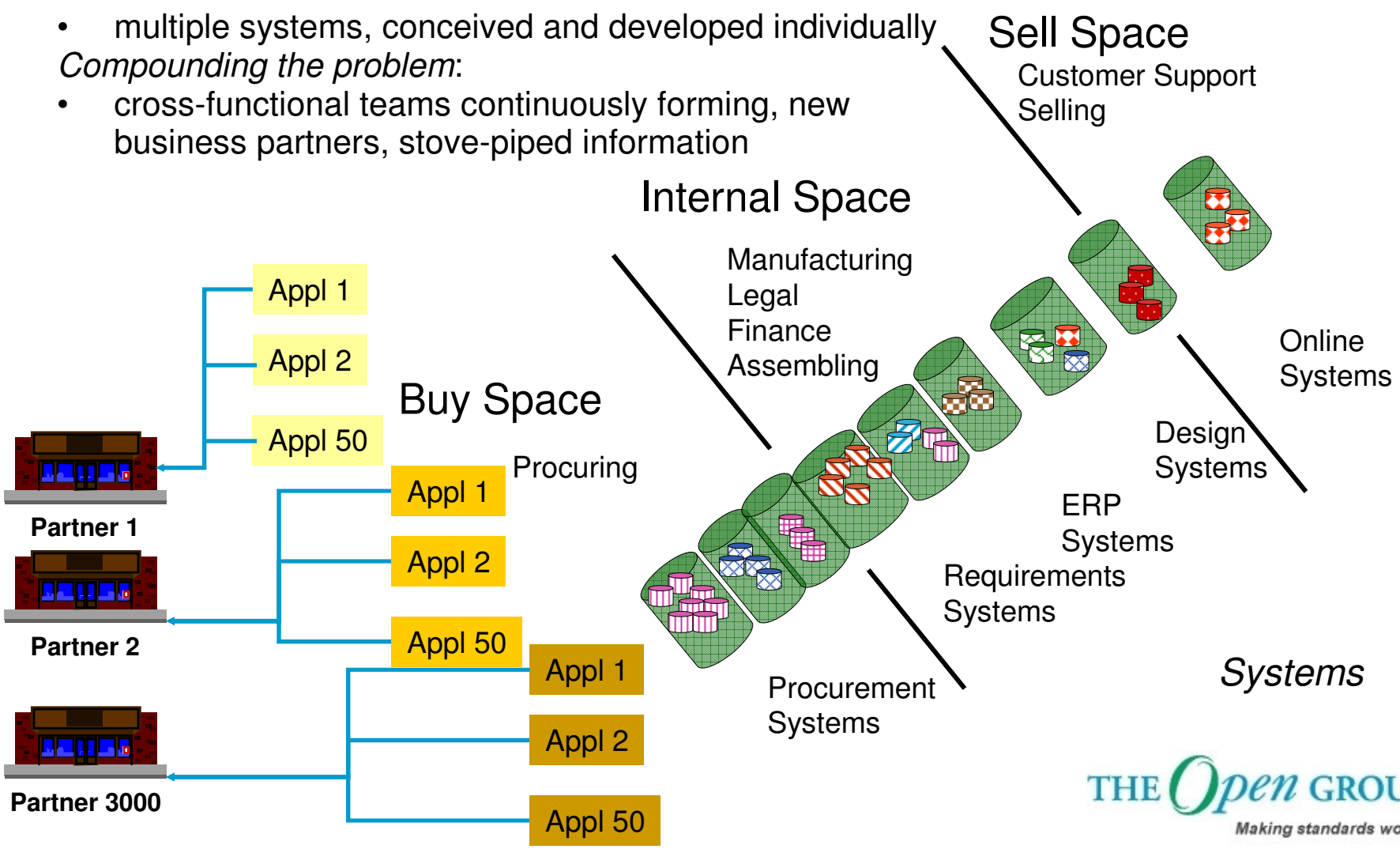
A common problem

The cause:

- multiple systems, conceived and developed individually

Compounding the problem:

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



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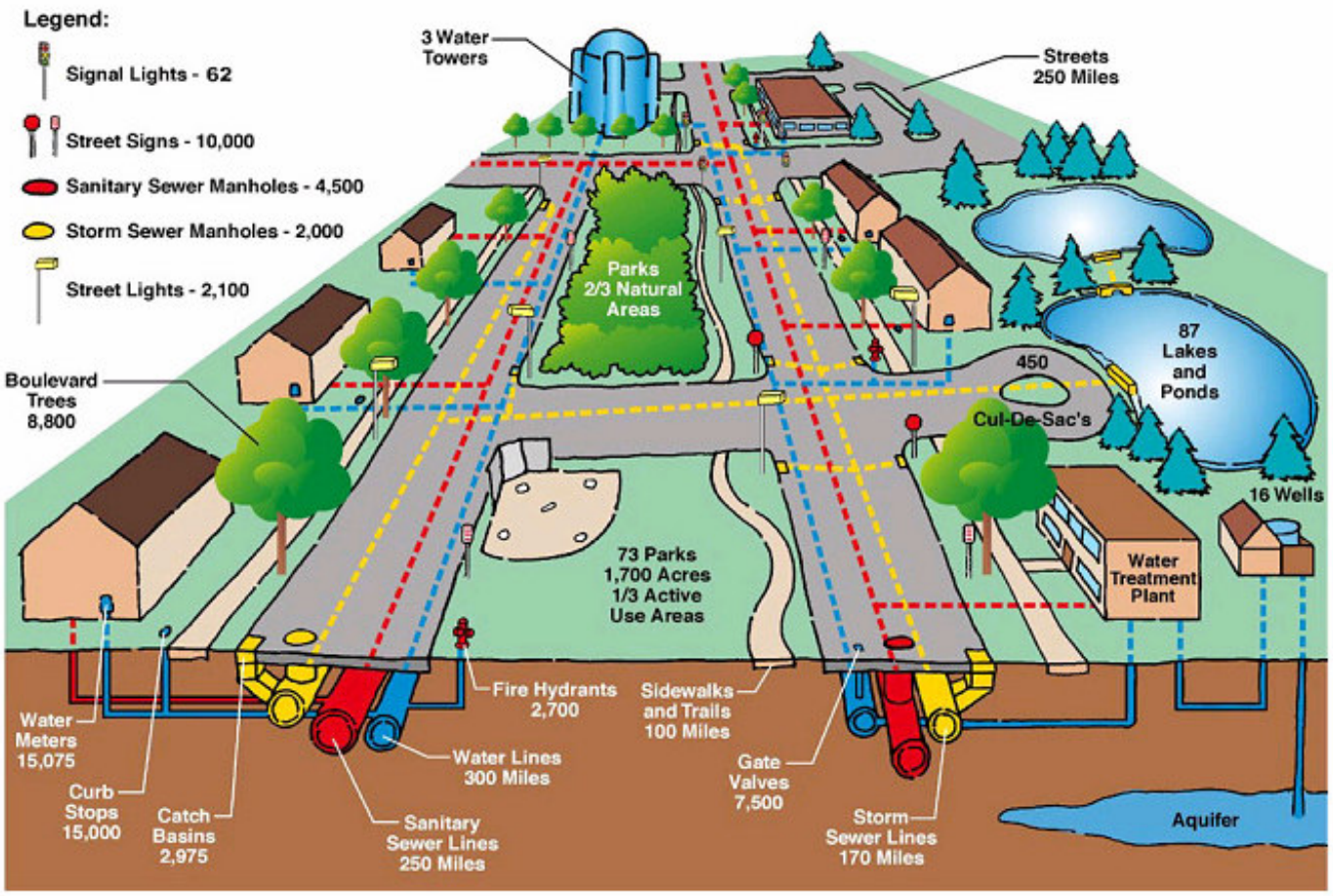
City Planner perspective: Integrated Information Infrastructure



Source: City of Burnsville

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CIO Magazine - Table of Contents - March 1, 2005

| Enterprise Architecture |

A New Blueprint For The Enterprise

By Christopher Koch

Enterprise architecture is not just about mapping and standardizing hardware and software anymore. Now it's about services, events and-get this-good old ROI.

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Wanted: Enterprise Architects

By Ben Worthen

IT has grown so big that the CIO can't handle it all. To ensure that IT is always aligned with the business, you need an enterprise architect.

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Feature Article

This sidebar is part of the feature article "A New Blueprint For The Enterprise"

Read Article

How to Get Started

BY CHRISTOPHER KOCH

Some standard templates can jump-start your thinking about enterprise architecture. But don't expect them to provide all the answers. "Frameworks are the filing cabinet you put the architecture documents into," says Bruce Robertson, vice president of enterprise planning and architectures for research company Meta.

- One of the most popular—and free—frameworks is the Open Group Architecture Framework (Togaf). www.opengroup.org/architecture/

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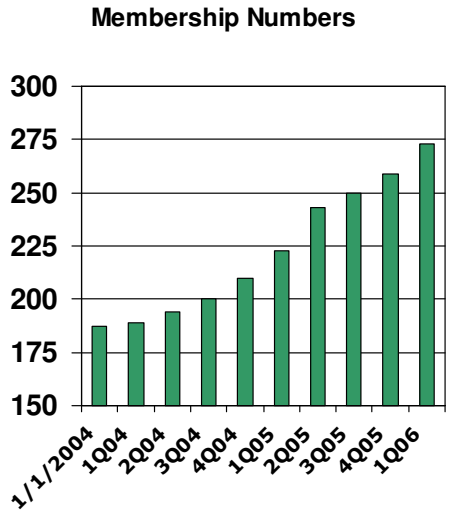
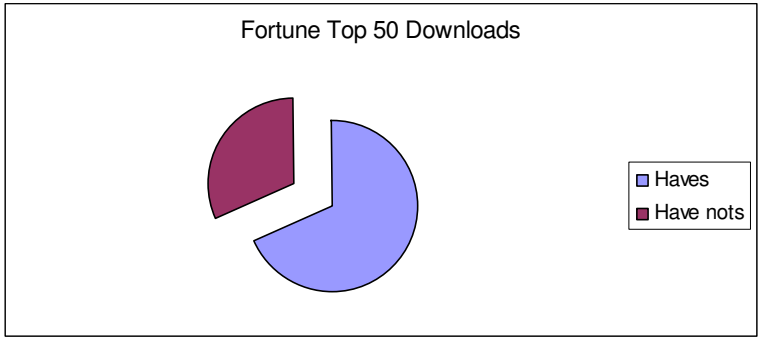
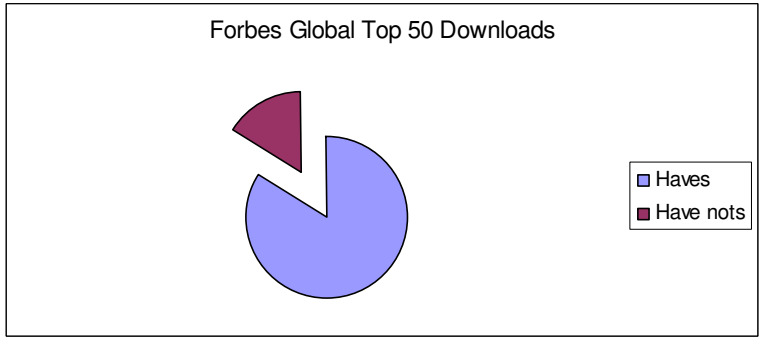
Demand for information

- TOGAF™8
  - >14,000 downloads
  - > 1,500 certified practitioners
- > 100 corporate members of The Open Group Architecture Forum
- Since publication in October 2005
  - >1000 TOGAF 8 books shipped







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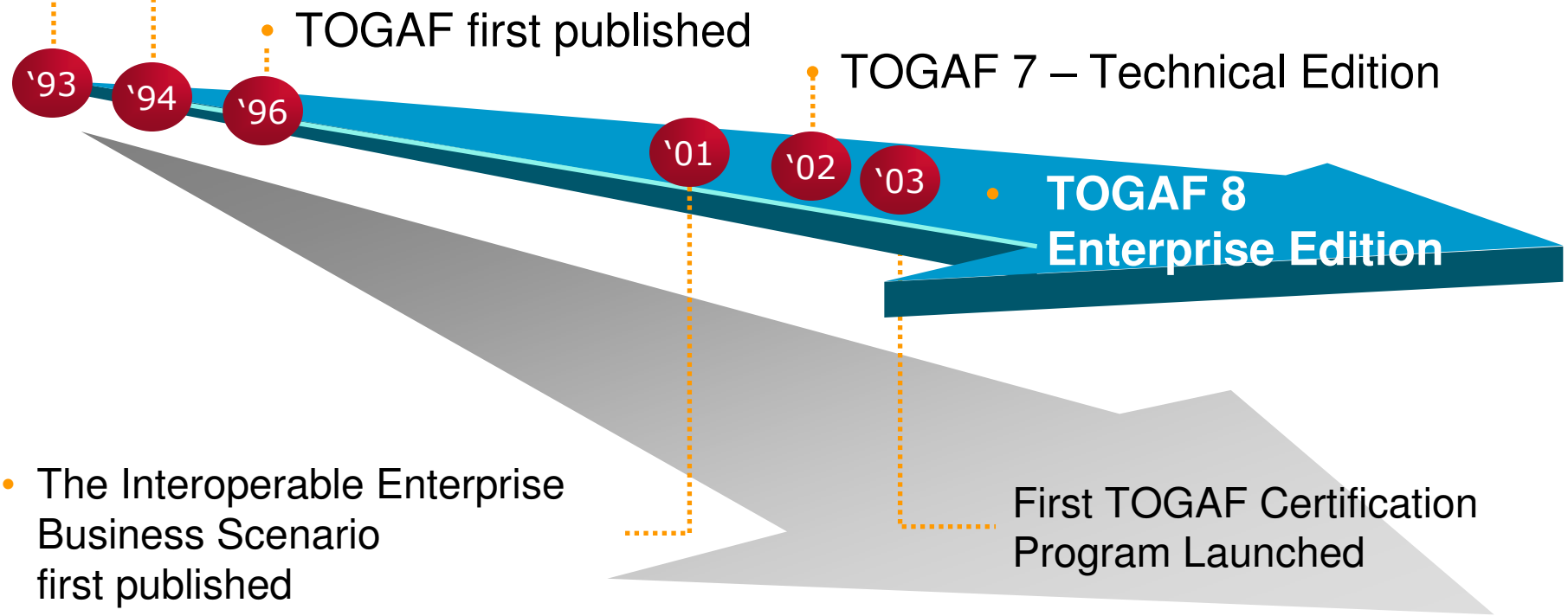
Member (End User) Driven

- Customer members demand architecture standards …
  - Customer members select TAFIM as preferred starting point…
  - DoD Information Systems Agency (DISA) donate TAFIM as base



- The Interoperable Enterprise Business Scenario first published

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The emerging profession

- The breaking down of barriers within and between enterprises demands a city planner perspective of the enterprise architecture
- Enterprises need assurance that the staff or service providers they hire have the skills and experience necessary to address the complexities of enterprise architecture
- Professional enterprise architects need a recognized, portable and professional grade qualification

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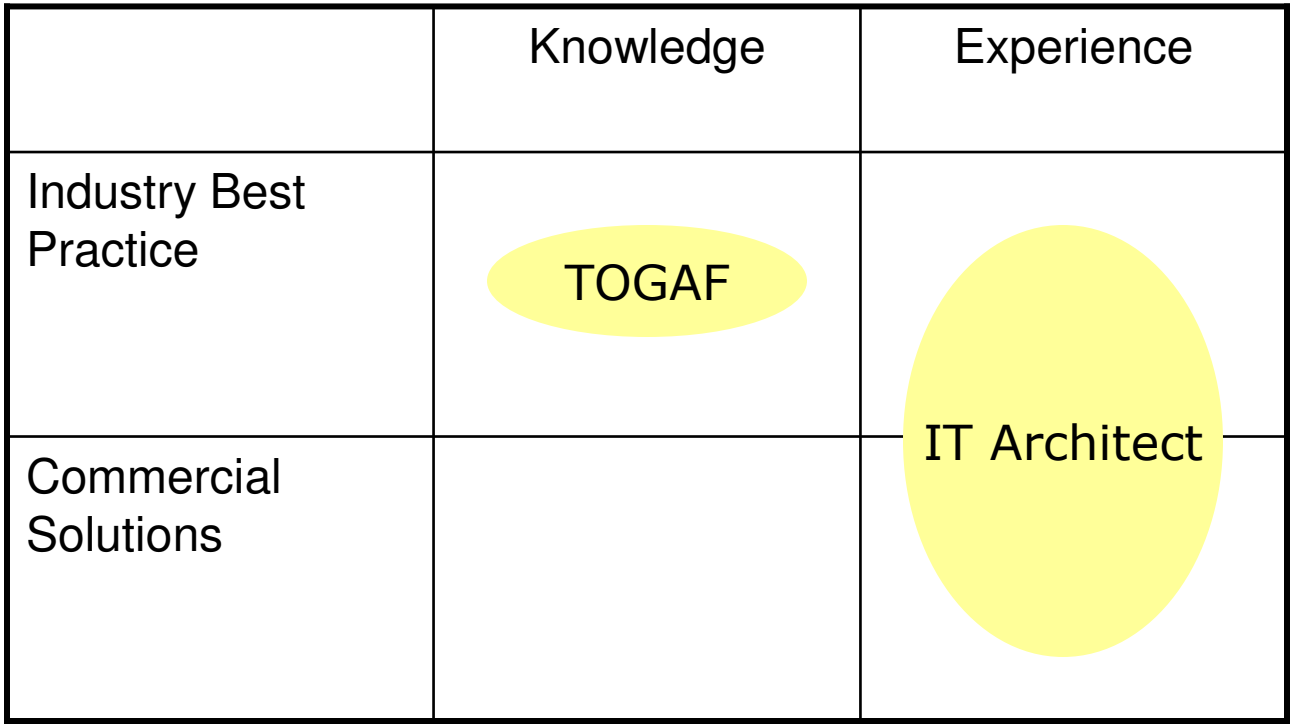
Architect Certification

- Positioning



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TOGAF Certification Principles

Motivation	Goals	Aspects
Create trust by clients in TOGAF	Match client's requirements Integrity	Syllabus and exam geared towards practice not academic Examination is uniform and repeatable
Protect architects learning investment	Objectivity Scalability International Recognition Value	Criteria and procedures Examination and supporting training scalable Certified architects recognized globally Job prospects increased

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TOGAF Certification Principles

Motivation	Goals	Aspects
Grow and maintain the positive image of TOGAF	Promote brand	Policy processes, and criteria are robust thereby creating a trusted image
	High share of architecture profession	Certification and training are available globally

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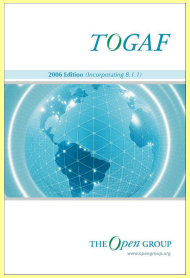
TOGAF Certification – Content

Core Elements

Specification
Test
Trademarks

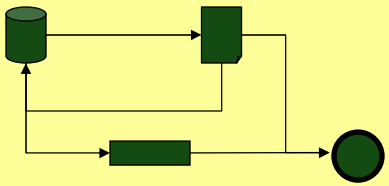


Core Documents

Certification Policy
Conformance Requirements
Trademark License Agreement
Operations Guides and Manuals

Core Processes

Certification and testing



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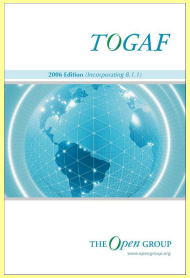

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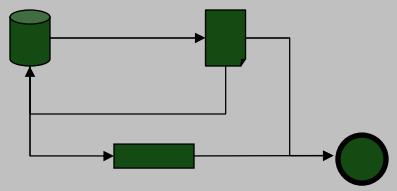

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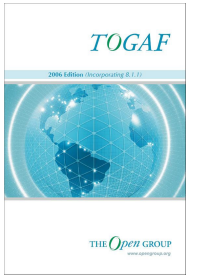
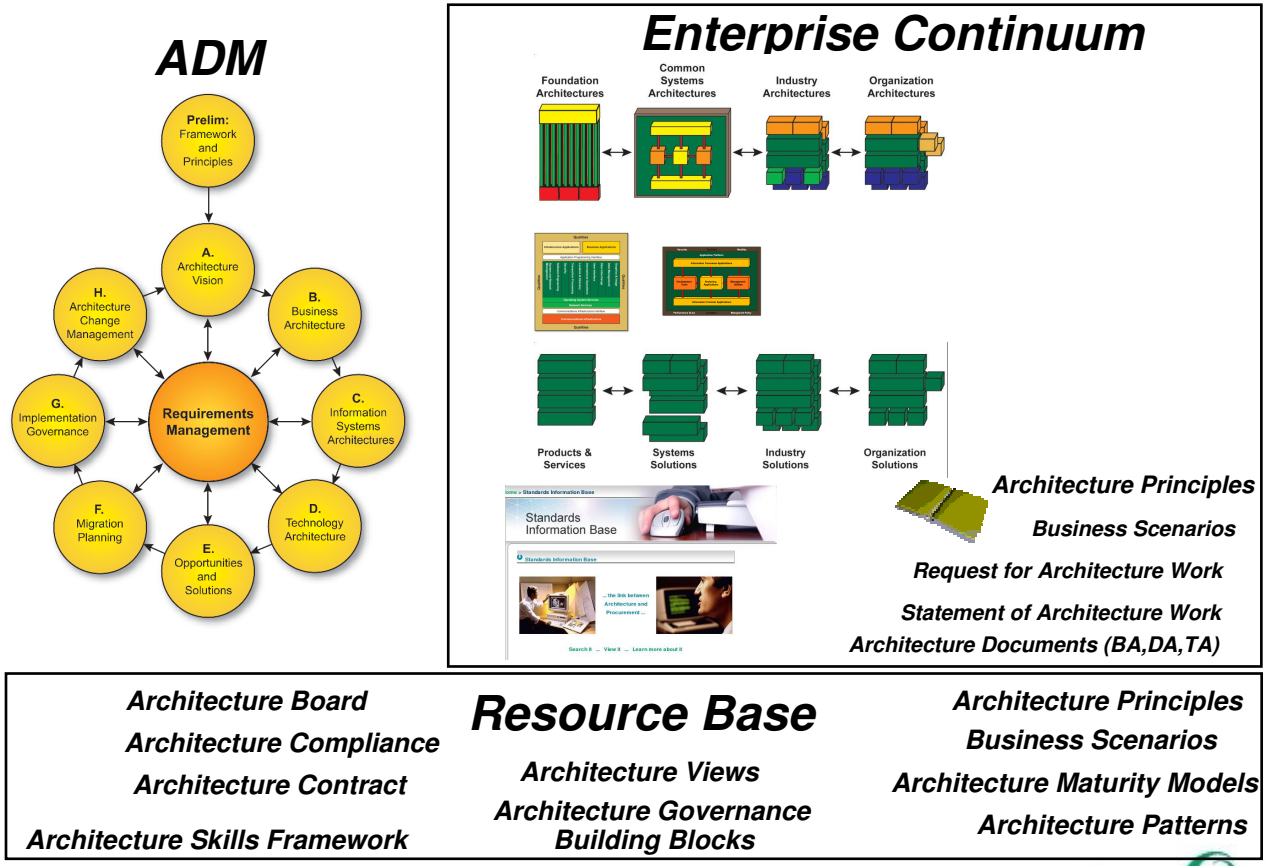


- *TOGAF 2006 Edition (incorporating 8.1.1)*



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Trademark

- How do you know a person/organization/tool is certified?
  - Trademark
  - Public register
- A click to accept agreement
- Licensing a trademark logo means trademark law can be used to prevent false claims (passing off)

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TOGAF Certification

TOGAF 8 Certified	For Individuals	Knowledge based
TOGAF 8 Training	For organizations providing training courses	Course syllabus meets requirements. Instructor certified
TOGAF 8 Professional Services	For organizations providing professional services	Abide by code of practice. Services provided by certified Architects
TOGAF 8 Tool Support	For organizations providing tools	The tool supports the TOGAF ADM

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Testing

- Testing via Course Attendance
  - Satisfactory completion of a qualifying training course
  - Minimum of 4 days
  - Assessment by the Certified Instructor

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Testing

- Testing via examination
  - Examination covers knowledge of the TOGAF 8 Course Syllabus
  - Multiple choice questions
    - One correct answer
    - 101 questions
    - Pass mark is 70%

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Testing

- Test centre operators Thomson Prometric
  - A proctored examination
  - Closed book
  - Examination drawn from question bank so unique for each individual
  - Test centres in 131 countries
  - Online booking service
  - Fees paid direct to test centers, test vouchers available

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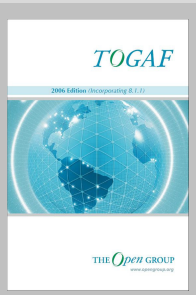

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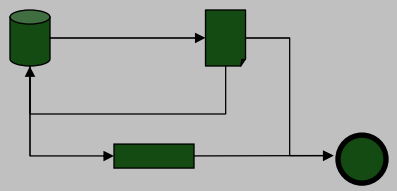

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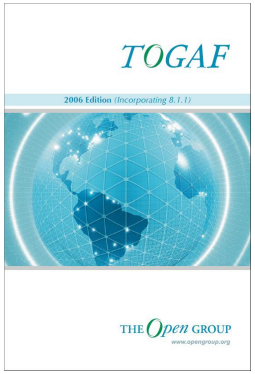
Certification Policy



Obligations

Training Courses,
Tool Support,
Services

Certification

Individual and
Organizations

To get it
To keep it

What it takes

Testing
Re-testing

Appeals process

How it works

Problem handling

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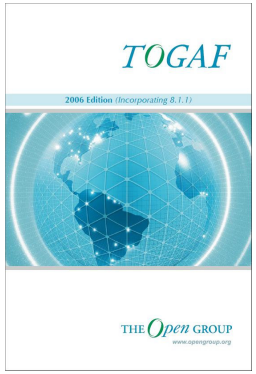
Conformance documents



Conformance Requirements

Conformance Requirements
The knowledge an individual must know to become certified

Examination
A Pool of questions to assess Knowledge of Best Practices

Individuals

Test Center

Select tests

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Trademark License Agreement

Trademark License Agreement

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Click to Accept

A legally enforceable contract

A logo usage agreement

- Use of the trademarks on and in relation to services/products offered by certified individuals/organizations
- Only permitted to use logos while a current entry exists in the certification register
- Agreement to abide to the program policy

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Operations guides and manuals

Developers

Guide to Certification
Registration web site
- schedule an exam,
- schedule a retake,
- fees

Certification Authority

Operations manual
Quality manual

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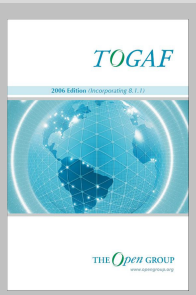

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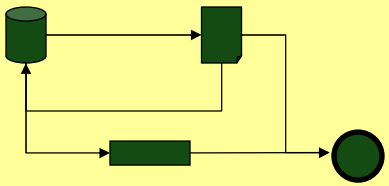

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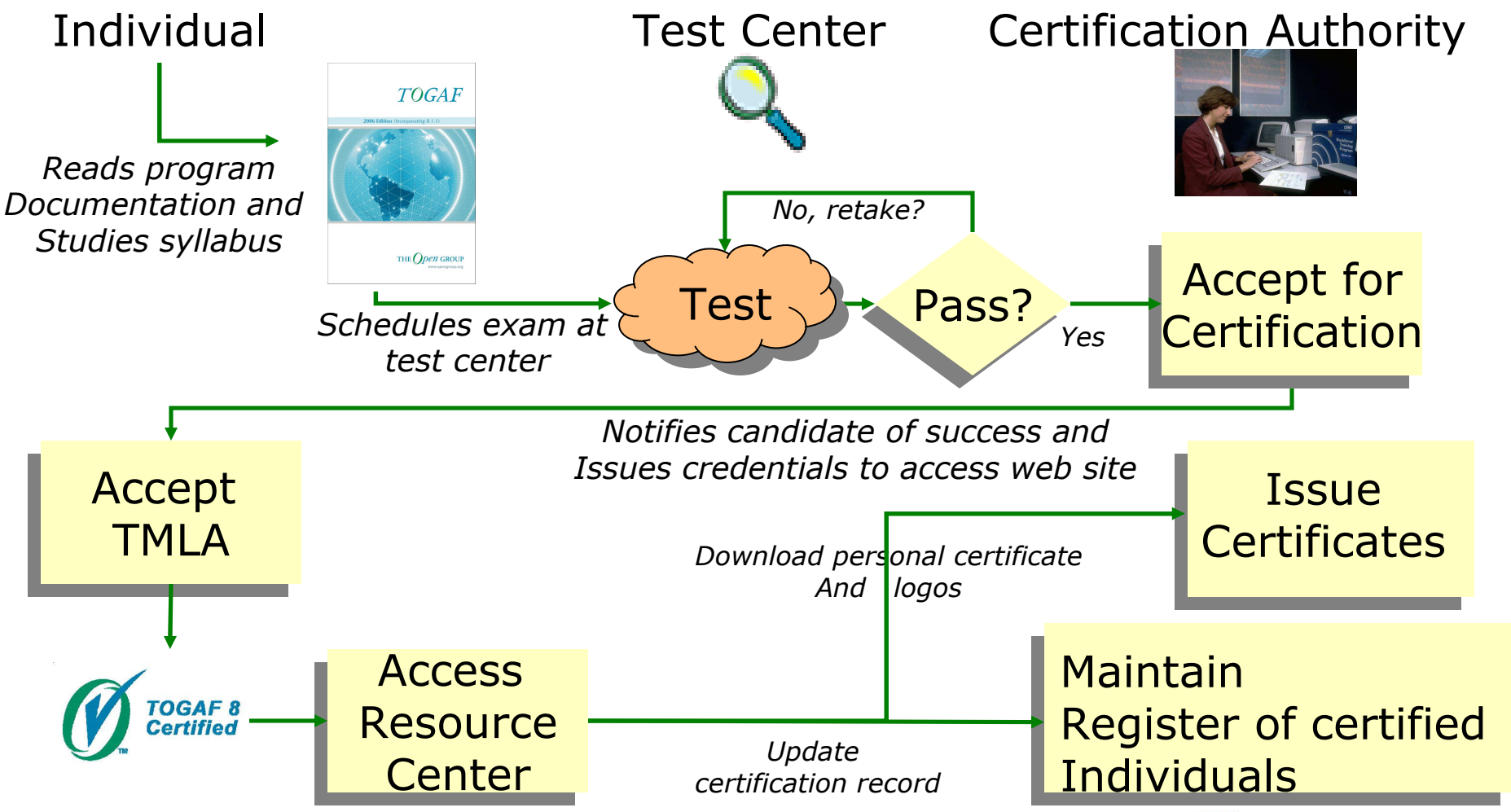
Certification and testing process



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Summary

- To continue the enterprise architect's professional evolution we need
  - High standards of expertise
  - Recognized best practices
  - Knowledge, skills and experience certification
  - A forum for practitioners to come together
- TOGAF Certification is a key piece to the solution.

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Thank you

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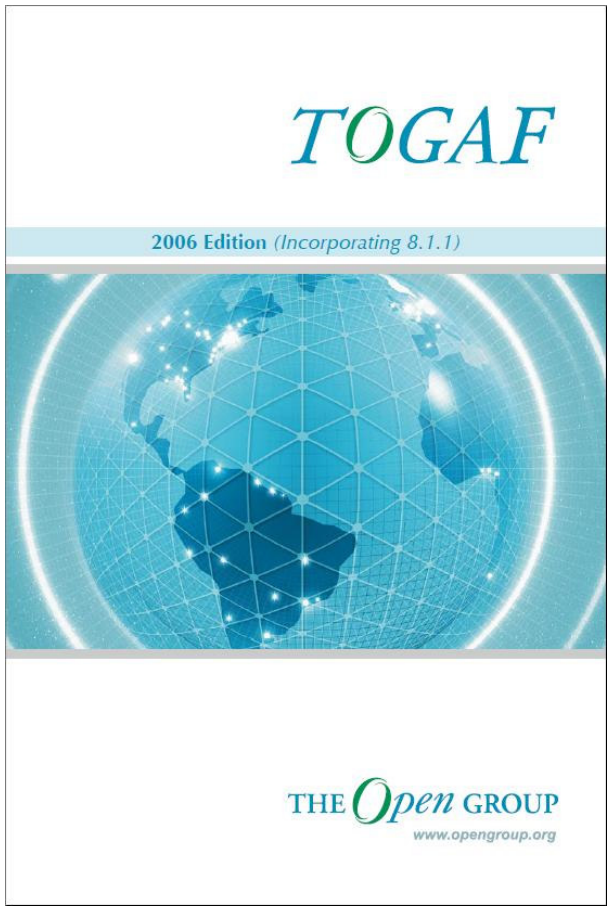
TOGAF 2006 Edition



- TOGAF 2006 Edition – (Incorporating 8.1.1), "The Book"
  - Document No. G063
  - ISBN: 1-931624-62-3
  - www.opengroup.org

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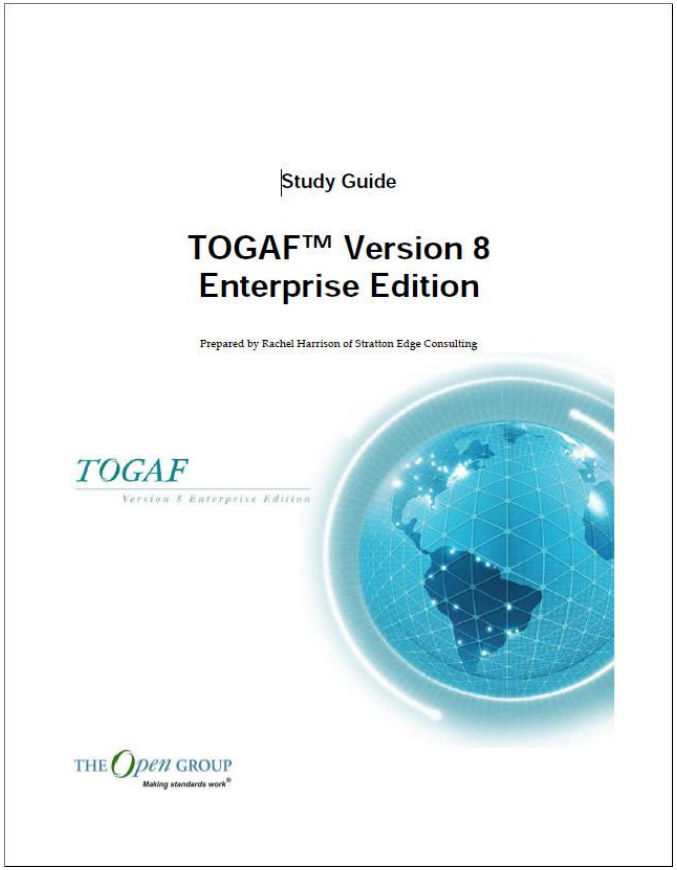
TOGAF Study Guide



- TOGAF Version 8 Enterprise Edition Study Guide (8.1.1 Edition)
  - Document No. B061
  - ISBN: 1-931624-63-1
  - www.opengroup.org

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