Enterprise Architecture—what is it?
Enterprise Architecture is formally describing and governing the way that IT capabilities across the Enterprise are organised and delivered to meet the strategic goals of the business.

Enterprise Architecture is not new. Capgemini has had its own framework covering Enterprise Architecture for more than 12 years. There are many other frameworks—some proprietary, some open in the market. The Open Group Architecture Framework (TOGAF) is gaining traction in the market overall and, as a Platinum member of The Open Group, Capgemini is at the core of TOGAF, aligning its historic approach to architecture with the emerging industry standard.

Business innovation and change is accelerating—and fast. Software solutions and web technology are developing in response to these changing business models. Collaboration within and beyond the Enterprise is becoming increasingly important.

A revolution is taking place in the world of software solutions. The leading vendors are delivering new versions of their solutions which are based on “Services Oriented Architecture” (SOA). In the past—there were only two ways to deliver SOA—to custom build or to ‘wrap’ existing software and expose existing interfaces in a ‘services style’. Now, the full range of business content from a vendor such as SAP, is being delivered Services-enabled. This move represents a major shift in the market; moving away from proprietary packages; to finer-grained components—which are generally accessible, using standardised interfaces and protocols.

SAP Enterprise Architecture Framework
How Open Standards and SAP contribute to support innovation in business

Enterprise Architecture—what is it?
Enterprise Architecture is formally describing and governing the way that IT capabilities across the Enterprise are organised and delivered to meet the strategic goals of the business.

Enterprise Architecture is not new. Capgemini has had its own framework covering Enterprise Architecture for more than 12 years. There are many other frameworks—some proprietary, some open in the market. The Open Group Architecture Framework (TOGAF) is gaining traction in the market overall and, as a Platinum member of The Open Group, Capgemini is at the core of TOGAF, aligning its historic approach to architecture with the emerging industry standard.
The SAP Enterprise Architecture Framework—standard approach and content
Since the announcement of SAP NetWeaver™ in 2003, Capgemini has been advocating management of the packaged components within an overall Architectural Framework. In 2006, SAP invited Capgemini to work with them to develop the core content that allows for accelerated and appropriate incorporation of Package-enabled SOA solutions in an industry-standard Enterprise Architecture Framework —TOGAF. This content was announced at the Sapphire/ASUG Conference 2007.

The SAP Enterprise Architecture Framework is aligned around the TOGAF Architecture Development Method (ADM). It provides both an approach and content to support the overall EA processes. The framework explicitly addresses the content that Package-enabled SOA solutions offer in general—and the SAP-specific content in particular. The core of this material has been made available to the Open Group.

What does the SAP Enterprise Architecture Framework give us?
Given the change in the software market, Enterprise Architecture needs to reflect and deal with those changes. The SAP Enterprise Architecture Framework provides a holistic, open and neutral approach for Enterprise Architecture. It recognises the shift that SOA brings and makes use of accelerators from SAP to speed architecture creation.

The SAP Enterprise Architecture framework provides an iterative process framework for architecture at all levels of the organisation, mapped to SAP methods acknowledging the constraints of package enabled SOA. At critical stages within the architecture process (see Figure 1), the SAP Enterprise Architecture framework provides guidelines on best practice techniques.

Furthermore, the SAP Enterprise Architecture framework provides a structure which allows architecture to be stored in a consistent manner and that supports traceability and analysis. Through the use of this model, the SAP framework will save you from repeated architecture work by providing pre-packaged, validated content from SAP. You can also use this material to help educate your Enterprise Architecture community on the capabilities and correct use of the new generation of Enterprise software solution.

The SAP Enterprise Architecture Framework provides an open, robust, optimised set of content that will support SAP-Enabled enterprises on that journey. You will be able to:
- Support more rapid business change through smaller, more rapid projects;
- Provide your business with more tailored implementations—without compromising the core code of the SAP platform;
- Provide IT support for business innovation—combining best in class niche solutions with core business capability from SAP and others;
- Support more complex and agile value chains—leveraging the power of Enterprise SOA.

If your organisation wants to move towards a Services-Oriented IT landscape and deliver IT solutions to support innovation—then Enterprise Architecture provides a route-plan and principles, to ensure that each step you are taking on that IT-enabled journey creates value—and building on what you have, rather than adding complexity and inertia into the IT landscape.

For more information visit us at the Capgemini booth Hall A, Stand 2.14 or contact:
Jonathan Ebsworth
Head of SAP, Capgemini UK
+44 (0) 870 904 4065
Jonathan.Ebsworth@capgemini.com

About Capgemini and the Collaborative Business Experience

Capgemini, one of the world’s foremost providers of Consulting, Technology and Outsourcing services, has a unique way of working with its clients, called the Collaborative Business Experience.

Backed by over three decades of industry and service experience, the Collaborative Business Experience is designed to help our clients achieve better, faster, more sustainable results through seamless access to our network of world-leading technology partners and collaboration-focused methods and tools. Through commitment to mutual success and the achievement of tangible value, we help businesses implement growth strategies, leverage technology, and thrive through the power of collaboration.

Capgemini employs approximately 75,000 people worldwide and reported 2006 global revenues of 7.7 billion euros.

More information about our services, offices and research is available at www.capgemini.com.

Copyright © 2007 Capgemini. All rights reserved.