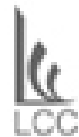**SAP for Higher Education & Research Overview**

Harald Pitz
Vice President IBU Higher Education & Research

Newcastle University

BRITISH COUNCIL Learning

UK

CMU CENTRAL MICHIGAN UNIVERSITY

JOHNS HOPKINS UNIVERSITY

Freie Universität Berlin

ISB

LCC

University of Leicester

Politechnika Warszawska

UNIVERSIDAD METROPOLITANA

DuocUC

University of Mumbai मुंबई विद्यापीठ

ROC West-Brabant

DelCampo International School Improving Learning

CP

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Weill Cornell Medical College

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MINISTERSTVO ŠKOLSTVA SLOVENSKEJ REPUBLIKY Stromová 1, 813 30 Bratislava, Tel. 02 / 59 374 111

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THE BEST-RUN BUSINESSES RUN SAP™
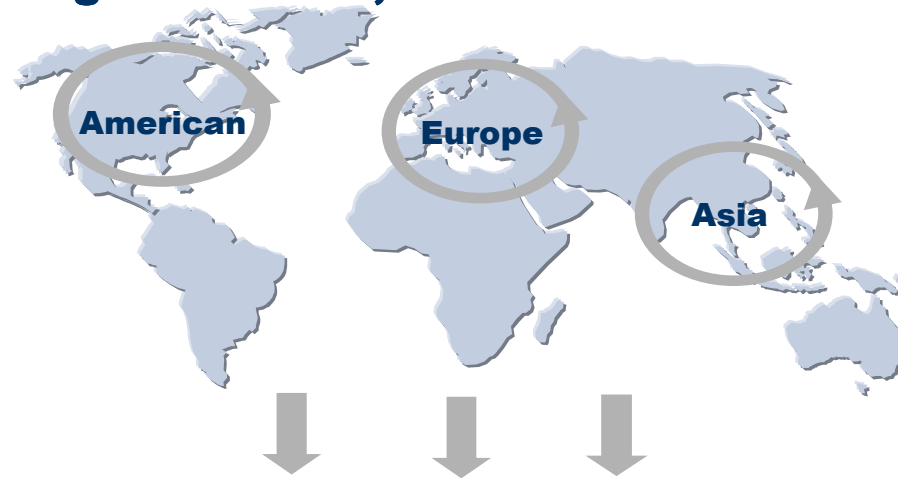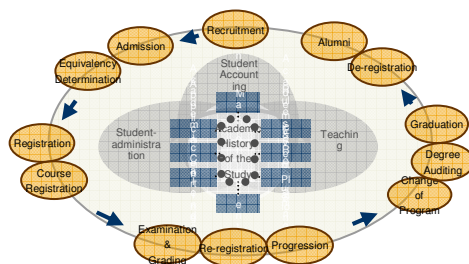
SAP

Different Learning Cultures

Different Learning Cultures have influenced

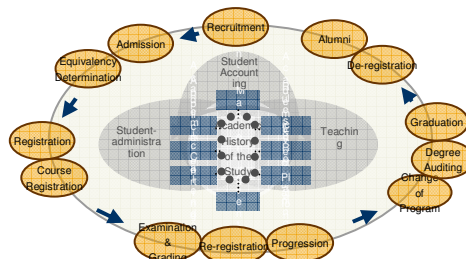**Campus Management as a ‚Global Student Information System'**
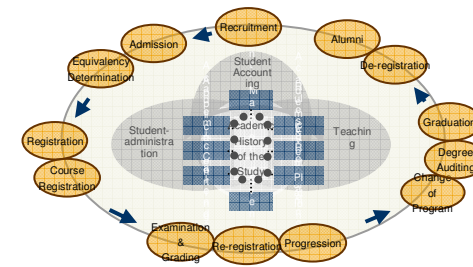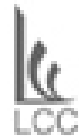

Different Study Models

Non Program oriented

Program Type oriented

Program oriented

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Some recent wins and going lives

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SAP

Evolving Apply-to-Pay Needs Flexible IT

CORE
Focus: Differentiation

CONTEXT
Focus: Productivity

Scale

Roll-out of new process to more channels and users

INNOVATION

STANDARD-IZATION

Standard processes

Supported by standard software

CONSOLIDATE

SCALE

OUT-TASK

Early Innovation

First implementation of new student recruitment process

INVENT

INVENTION

?

COMMODI-TIZATION

RETIRE

Out-tasking billing, payment, …

Out-tasked services e.g. mailing

Courtesy to G. Moore's "Living on the fault line"

THE BEST-RUN BUSINESSES RUN SAP™

SAP

Evolving Apply-to-Pay Needs Flexible IT

Composite Apps accessing various new and legacy systems

CORE
Focus: Differen...

INNOVATION

STANDARD-IZATION

Standard processes

Scale

Roll-out of new process to more channels and users

Supported by standard software

COMPOSE

SCALE

Early Innovation

First implementation of new student recruitment process

INVENT

Out-tasking billing, payment, …

INVENTION

COMMODI-TIZATION

Out-tasked services e.g. mailing

Courtesy to G. Moore's "Living on the fault line"

SAP

A New IT Architecture is Required

Role-based business portals

Web services

Flexible end-to-end business processes

CRM

SCM

Portan System

CALL CENTER

ENTERPRISE

LOGISTICS PROVIDER

Leverage prior investments
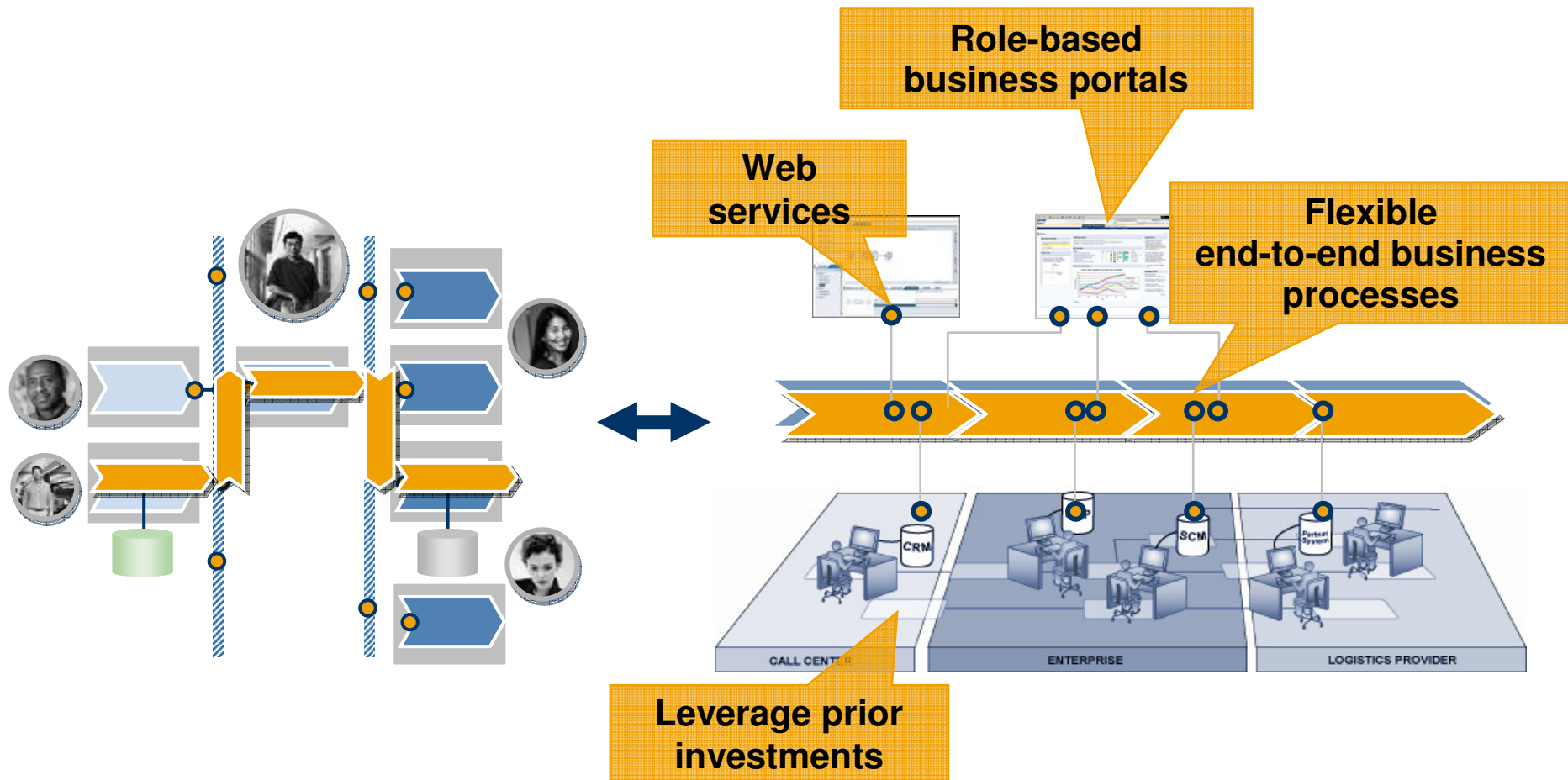
SAP's Enterprise Services Oriented Architecture (SAP ESOA) delivers on the core principles of adaptive business for lower TCO

THE BEST-RUN BUSINESSES RUN SAP™

Main Concepts of a Business Process Platform

Enterprise SOA

Concepts of Business Process Platform
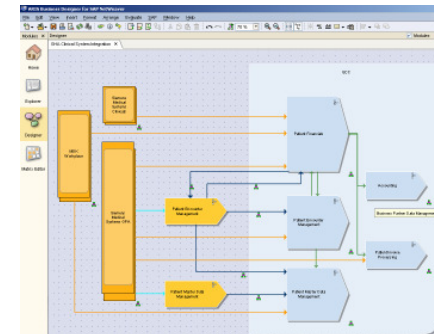
Model-driven

Composition
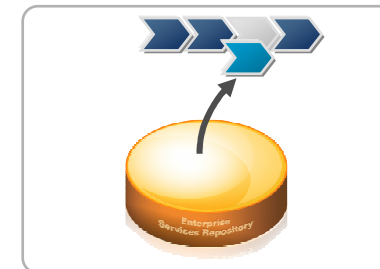
Model driven development environment

- ■ **Connects to both SAP and non SAP system**

- ■ **Access data from transactional and analytical sources**

- ■ **No coding – 'drag & drop' interface**

- ■ **Easy adaptation**

THE BEST-RUN BUSINESSES RUN SAP™

Create A Powerful Platform Ecosystem ...

SAP Composites

Partner/ISV Composites

SAP NetWeaver
Business Process Platform

Enterprise Services Repository

Legacy System

3rd Party

SAP SRM

SAP ERP

SAP Partner

Buyer
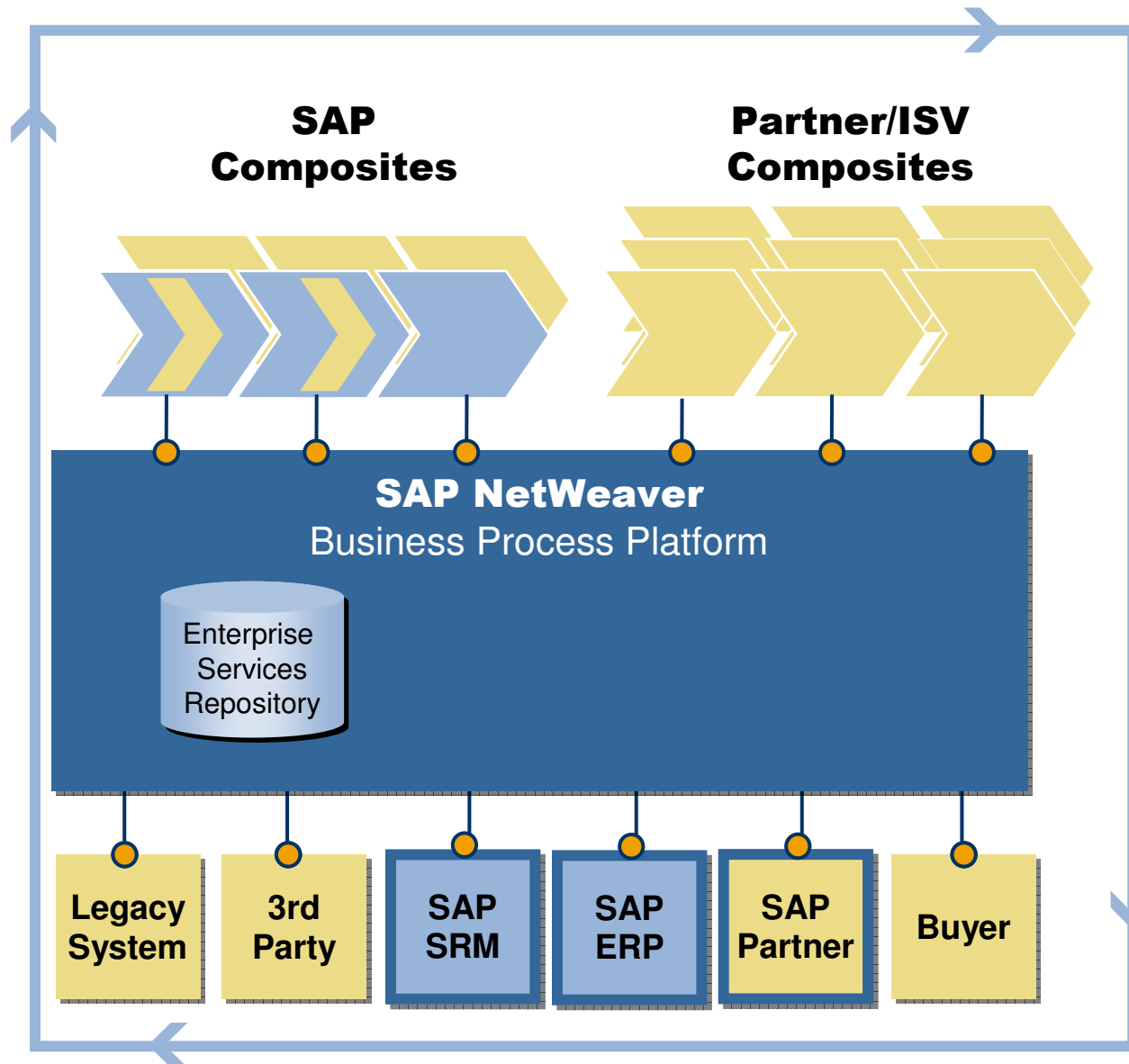
A platform used by partners and **leading ISVs**

to **complement** SAP solutions, thus

extending our reach and improving our **reactivity** to market opportunities

Building a partner eco-system to **collaborate around Enterprise Services**

THE BEST-RUN BUSINESSES RUN SAP™

SAP & Blackboard

Development Partnership & Joint Go To Market Initiatives

Educate. Innovate. Everywhere.

Technology View:

Lower cost and time to blueprint, implement and maintain a „standard" integration scenario.

- Web-Service based integration
- Event-Triggered (student registers for course „in CM" => automatically s/he is in the learning group in Blackboard)
- Compatible with industry standard (IMS) allow to use services for any system
- Reuseable for further scenarios (catalogs, scheduling, ...) – consistency and cost saving

Business View:

A technology platform to enable an integrated business approach to manage all aspects of educating students.

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The Industry Ecosystem – The Big Picture

Direction: Executive Advisory Council
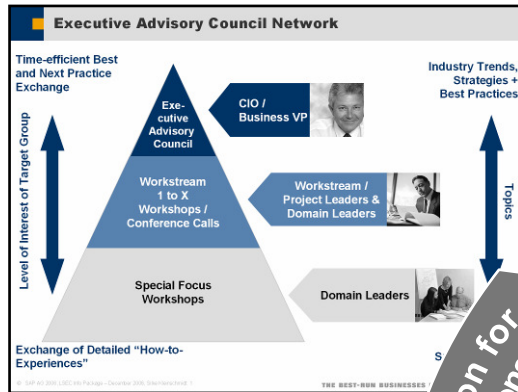
Co-Innovation: Industry Value Network

Position strategic Business scenarios

Drive selected topics on BPX

Build the foundation for building new visions

Initiate Service Definition Group
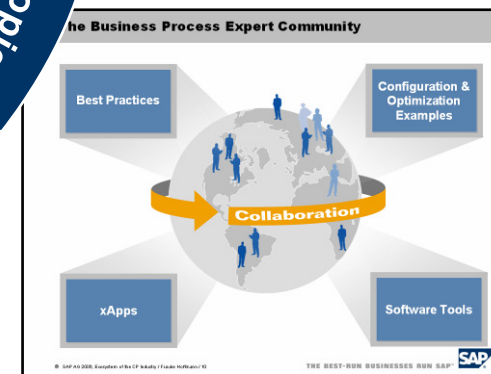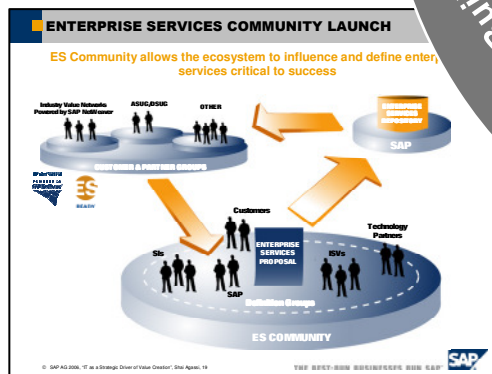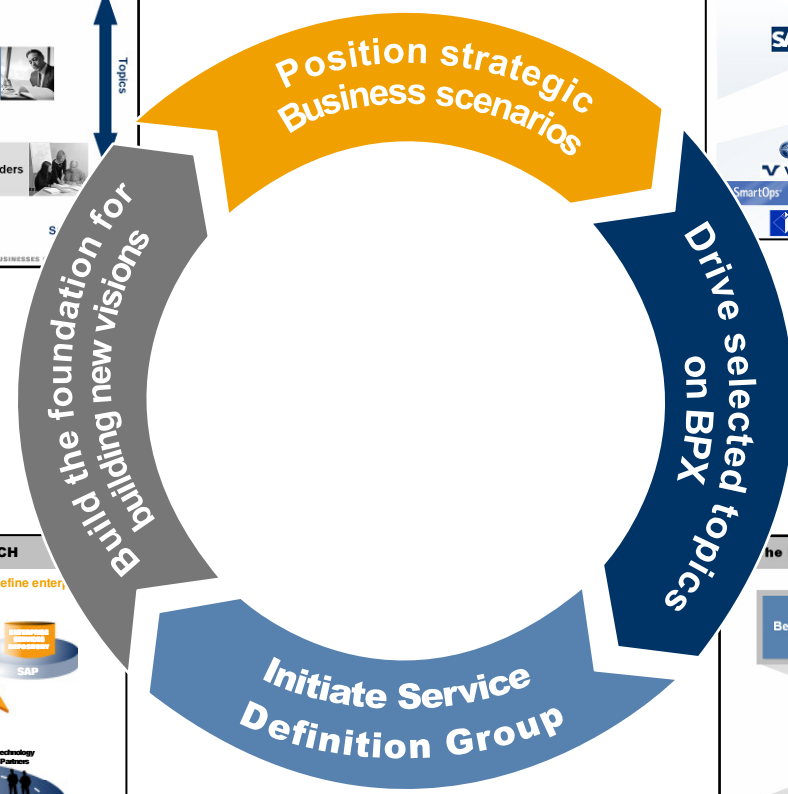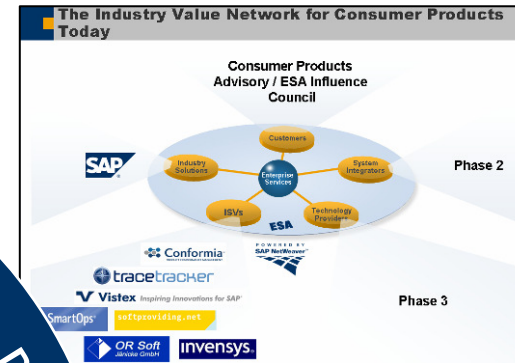
Development: Enterprise Service Community

Collaboration: Business Process Expert Community

THE BEST-RUN BUSINESSES RUN SAP™

The first community to focus on helping business process experts drive process innovation through collaboration and collective learning.

Be part of a new breed of professionals who:

- **Adapt** business processes to meet specialized needs
- **Compose** and deploy new services and apps from existing services
- **Execute** processes and enable conti... innovation

Close to 100,000 Professionals Already Joined

Collaborate on

- **Business Process Scenarios**
- **Analytics**
- **SAP Campus Management**
- **Research Management**
- **Best Practices**

Join today to collaborate with peers through forums, blogs, and more.

http://bpx.sap.com/bpx-highered

Summary

- We are seeing our vision of **Campus Management as a Global Student Information System** getting reality

- New software architecture and the concept of enterprise SOA enables simple **composition** of innovative end-to-end processes

- Plenty of HER institutions have successfully implemented SAP or are in the process. The **Business Process Expert Community** is your forum to share knowledge and expertise and benefit from each other

SAP

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