



E-Collaboration Services for Supply Chains in retail and wholesale

- productivity tools for managing activities, projects, and processes

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**International Conference on
Technological Innovation**

Chinese-German School for
Postgraduate Studies (CDHK),
Tongji University, Shanghai

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<http://www.pavone.com>

Agenda

1) Introduction

1. Introduction

2) Challenges:
Information &
Knowledge
Management

2. Challenges: Information and Knowledge
Management

3) Concepts &
Technologies

3. Concepts and Technologies for
e-Collaboration

4) The e-Workplace

4. The e-Workplace for e-Collaboration

5) Solutions,
Applications, Tools

5. Solutions, Applications, Tools for
e-Collaboration

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CoC SCM Part of a World-Wide Network



Background/Network

Center of Competence SCM CDHK
Groupware Competence Center
University of Paderborn, Germany
PAVONE AG, Germany/UK/USA

Scenario

The key to long-term wealth in China depends on the ability to gradually shift towards high-value added business activities and service-oriented industries.

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From a manufacturing economy...

- China has a huge supply of low-cost workers and is currently the no. 1 manufacturing workshop in the world.
- The 1.3 billion population, of which the majority still lives in rural areas, will provide an international cost advantage decades ahead.
- With a steadily increasing foreign direct investments (\$53.5 billion 2004), high economic growth will persist both on a short and long term.
- Progressive economic policies and entry into the WTO has created a stable and market-friendly business environment.

...to a high-value adding economy

- With a GDP growth in excess of 9 percent per annum, the Chinese economy is among the most fast-growing in the world.
- To keep the growth and continue to create wealth, China must eventually shift focus to more high-value industries, especially the services industry.
- This step towards a service-oriented economy is a must as the economy develops and matures.
- Traversing towards a service-oriented economy requires advanced skills and capabilities of the workforce.

Future Economic Developments in China

As the Chinese economy develops, the need for highly skilled and professional employees will increase. By satisfying this need, companies can tap the benefits from an enormous potential offshore services industry such as R&D, IT services etc.

1) Introduction

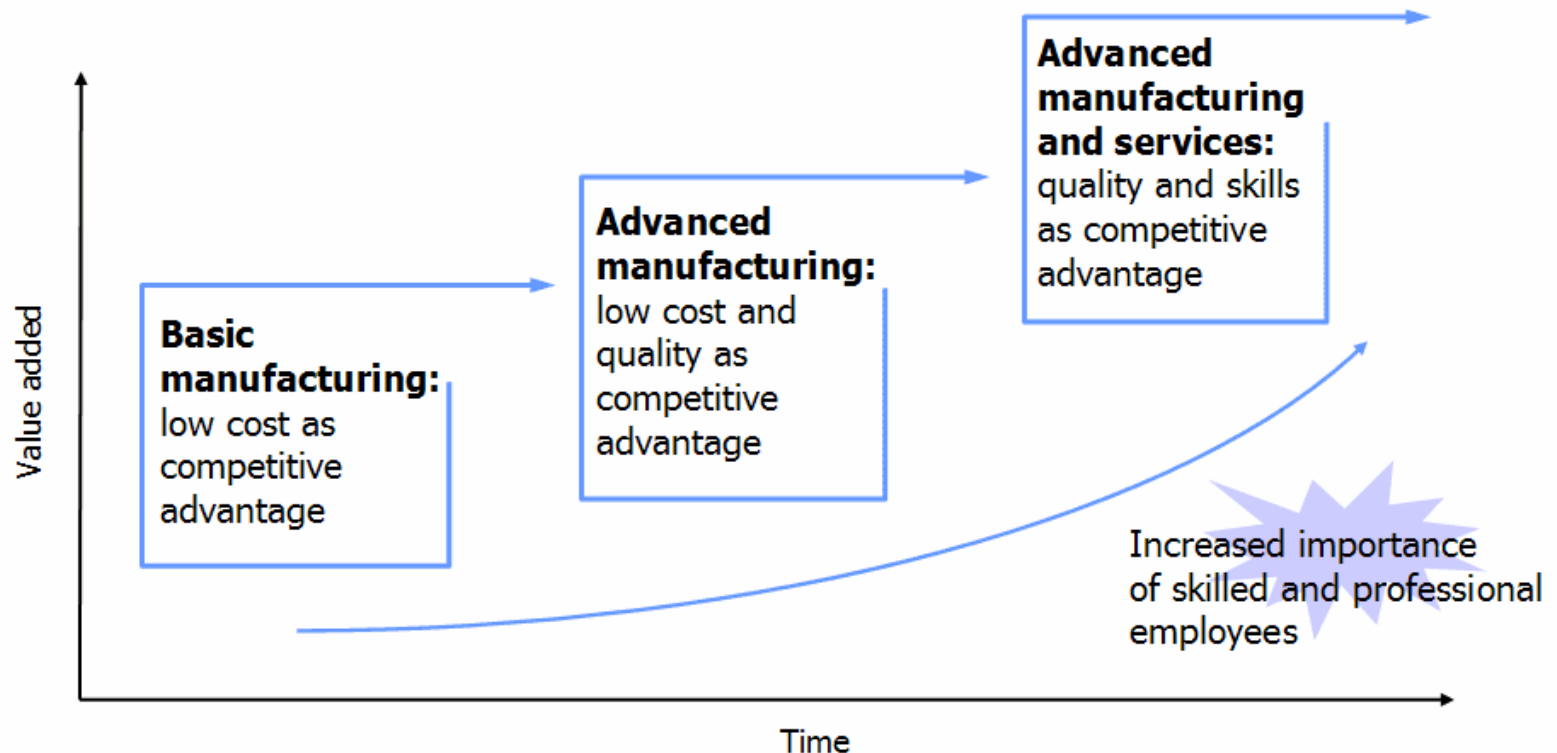
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Challenges for Companies Operating in China

Companies, whose value chains are fully or partially located to China are facing numerous challenges that need to be addressed in order to achieve overall optimization.

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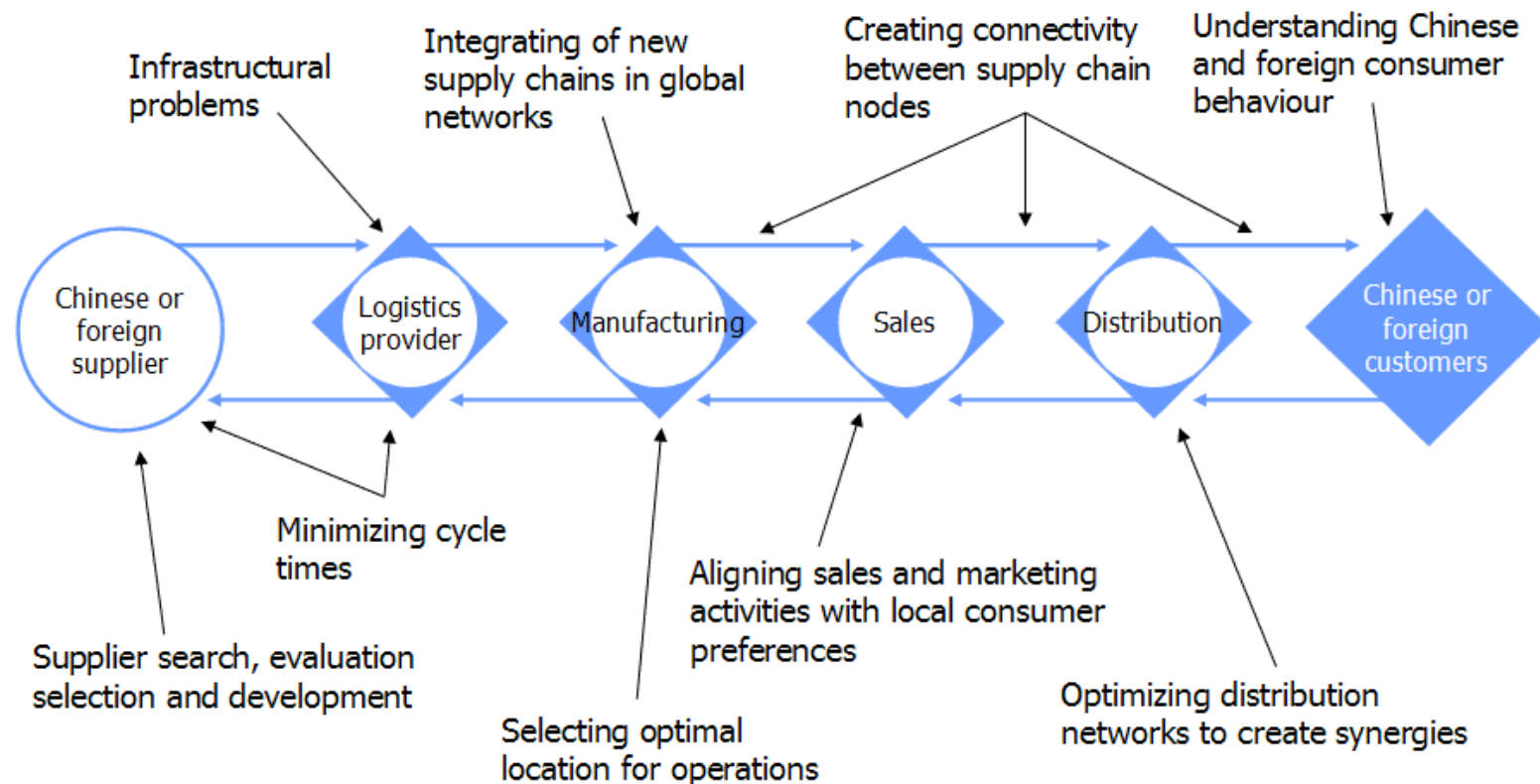
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The Various Challenges Call for Quick and Powerful Measures

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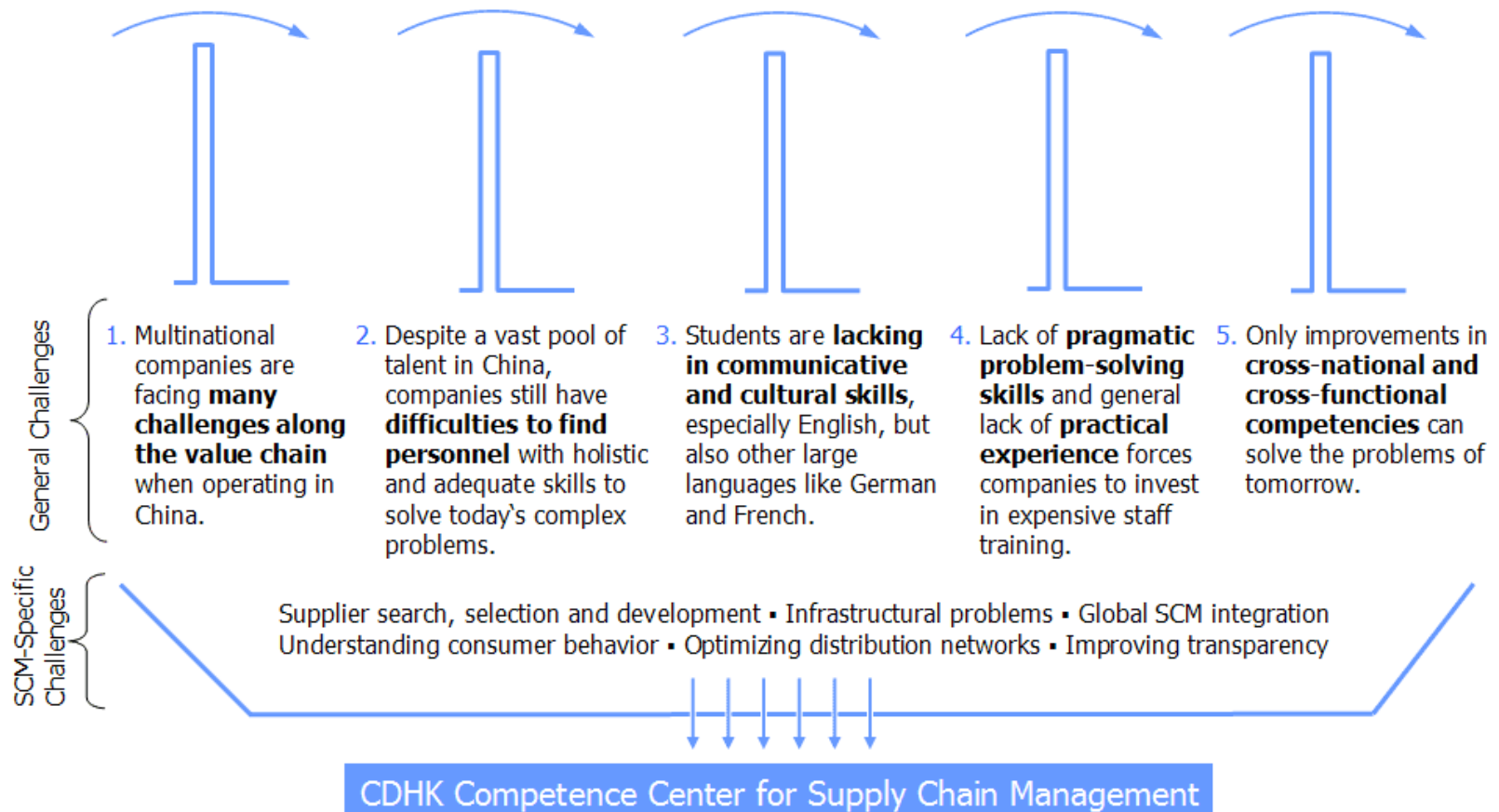
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Worldwide Information & Knowledge Management

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Manage 3 Cs

- Communication
- Cooperation/ Collaboration
- Coordination

Country context

Worldwide Information & Knowledge Management

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Career opportunity

Good opportunity for your career: join METRO!

- Major Positions currently open:

- Management Trainee
- Store Manager
- Expansion Manager
- Merchandise Auditor
- Construction Auditor
- Secretary to VP
- KAE

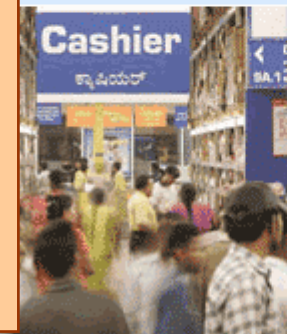
Business areas involved for 3 C's:

- Training
- Change management
- Logistics
- Project management & control
- Human resource management
- Location planning & analysis
- Supply change management
- Marketing



Wholesale stores

Wholesale stores in 28 countries around the world. Every store is there for its commercial customers. To ensure a full range of products in the required quantities, the products are presented in a straightforward way on the shelves. The stores, from which customers can serve themselves, have especially long opening hours – up to 16 hours per day – are a clear advantage for our commercial customers.



Collaboration: The famous 3C's

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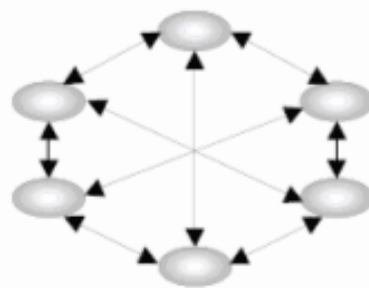
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- Communication
- Cooperation/Collaboration
- Coordination

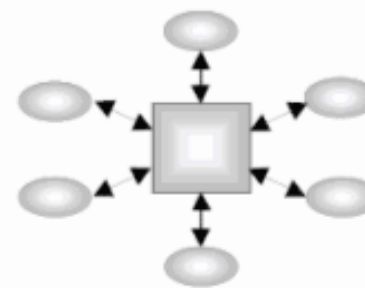
3 C's of Collaboration Information Systems

Communication



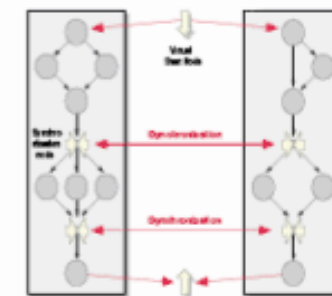
Push-Model

Cooperation



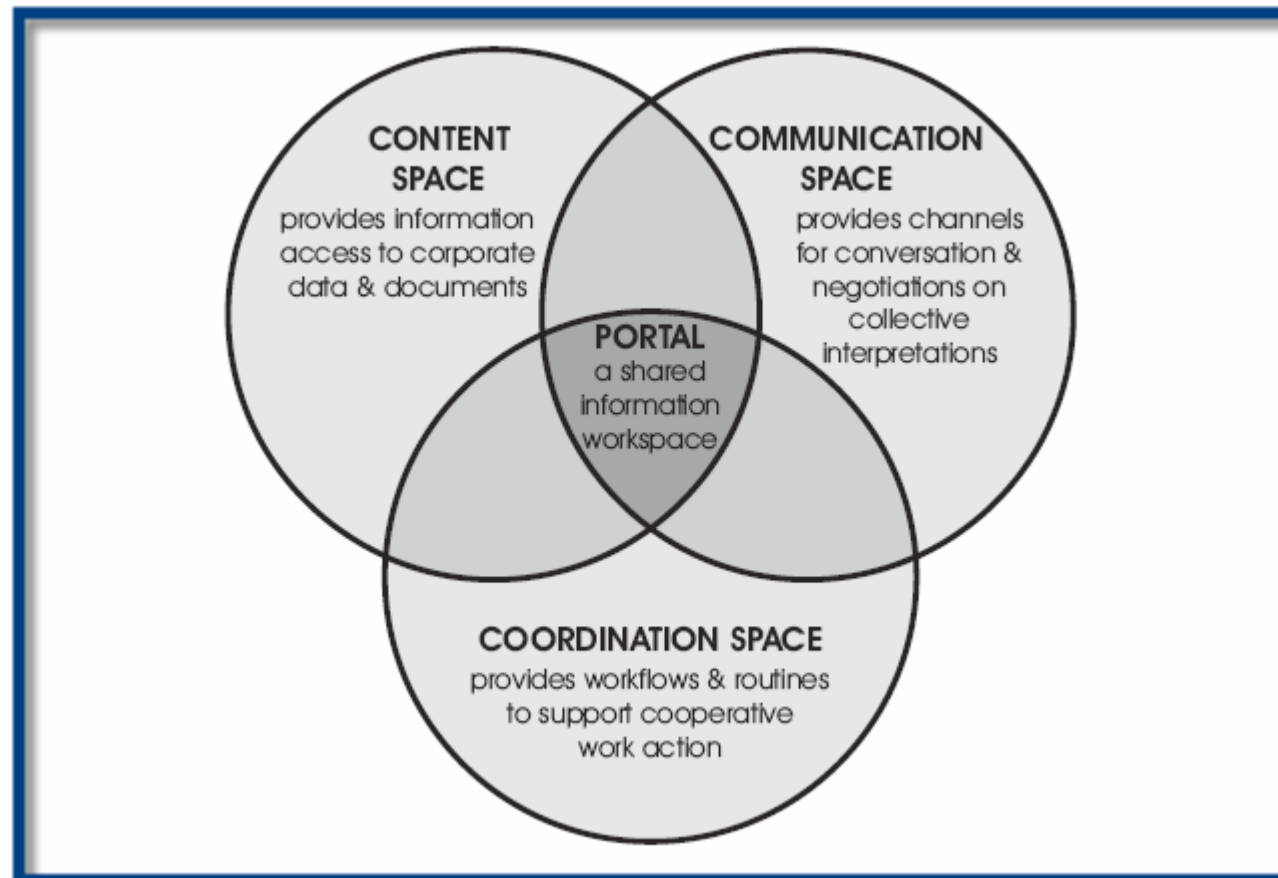
Pull-Model

Workflow



Synchronisation

3C's Collaboration: Dimensionen/Spaces



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Multidimensional Aggregation of Information

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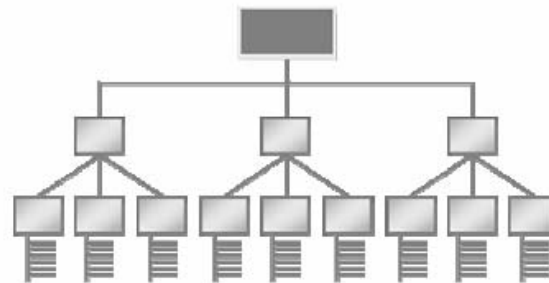
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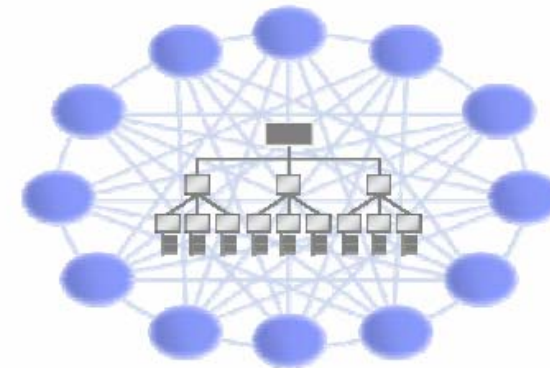
The world is changing

From hierarchies... to networked hierarchies



Formal Work Domain:

- Operations, Performance Management
- Human Resource Management
- Supply Chain Management
- Geographical Divisions
- Marketing
- Manufacturing
- etc.



Informal Work Domain:

- Virtual Teams
- Communities of Practice
- Expert Networks
- Knowledge Communities
- Inside and outside the organizational boundaries
- etc.

Networked Organization

1) Introduction

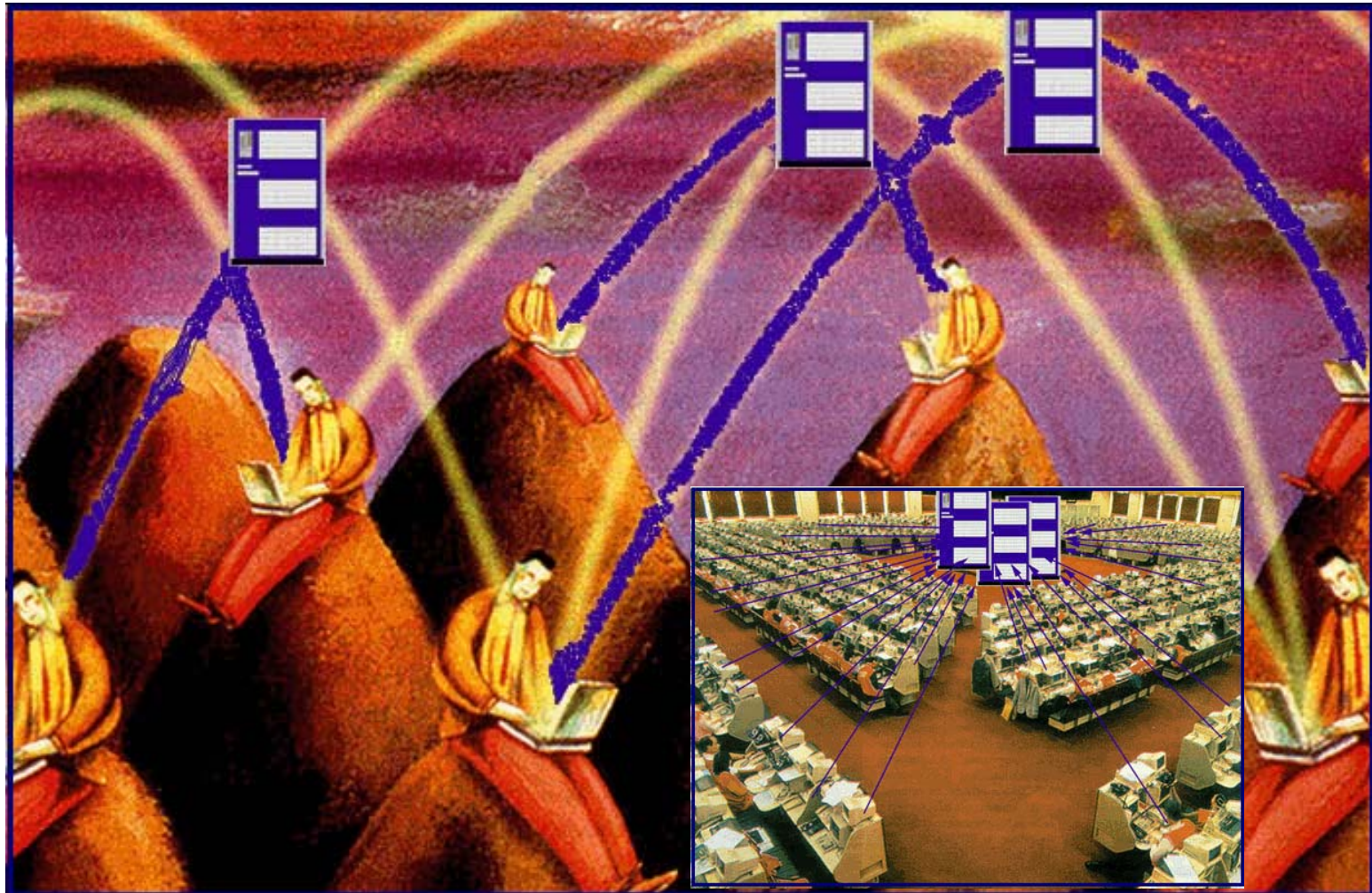
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Support of Social Networking

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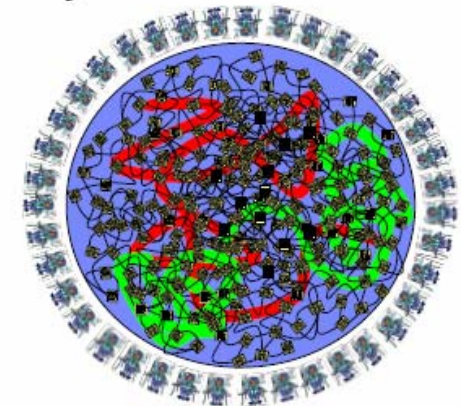
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Social Networking

- Social Networking builds contextual relationships and facilitate better knowledge sharing through transparency.
- Social Networks have diverse uses:
 - Information search and content filtering
 - Sales lead generation
 - Career networking
 - Reviews and rating
 - Social and personal interaction (e.g., music, dating)
 - ... and many others
- Social Networking core principles are:
 - Promoting group interaction among people with common interests/goals
 - Content created from community members, not from a central authority
 - Communities are fluid, with voluntary membership
 - The value is in social capital
 - the collective value of who we know and what we'll do for each other



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Which type of information technology has to be used for supporting 3C's ?

Documents vs. Relational Data/Table

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World of IBM Lotus Notes/Domino

- strategic orientation & communication centric
- knowledge & information management
- tool paradigm on objects – code re-use
- compound documents, semi-structured, very flexible data types
- multimedia, links, embedded methods
- decentralized, bottom-up, user workplace & collaboration centric
- replication, information sharing, robust distribution, redundancy, message objects
- index engine optimized for static access to unstructured data
- support of mobile, nomadic and disconnected user workplace

World of DB2/RDB, Oracle, SAP

- operational orientation & data centric
- transaction processing & high volume
- automation paradigm on data – code efficiency
- records, tables, structured data, restricted flexibility, strict formats
- transactions, dynamic
- central organization, top-down, system centric
- access coordination, referential integrity, redundancy elimination, 2-phase commit, ACID
- index engine optimized for dynamic access to structured data
- static office-based and server-connected workplace

Collaboration Portals: Support Real-Time

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Evolving to Real-Time Business



Collaboration Portals: Definitions

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- **“Collaborative portals enable teams of users to establish their own virtual project areas or communities and decide what they need to work together.”** [Murray 1999]
- **“A common application of portals is the ability to create a shared workspace, often short-lived and self-managed, while incorporating resources and online information. [...] Most business benefits related to portals are derived from the ability to dynamically form teams without the restriction of geography, organization hierarchy, or even corporate boundaries.”** [Palmer 2003]
- **“The shared workspace with any level of access control and workspace, as a retention facility, allows various levels of users to cooperate with each other seamlessly.”** [Jin Kim/Chaudhury/Rao 2002, S. 58]

Collaboration: Current Developments

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Converging Collaborative Capabilities

portals **document editors**
contextual **feeds** **VoIP**
collaboration
activities **web conferences**
chat **blogs** **workspaces**
wikis **documents** **workflow**
tasks **web content** **podcasts**
screen sharing **e-mail** **unified**
presence **messaging**

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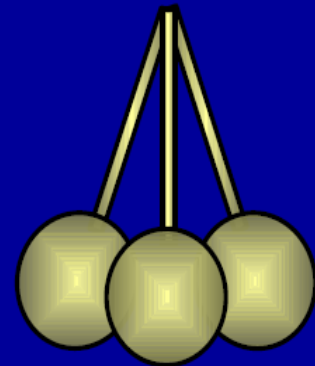
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3C technology is based on Internet - but this does not mean ,Web-Browser‘

Rich Client vs. Browser: Pendulum of User Experiences

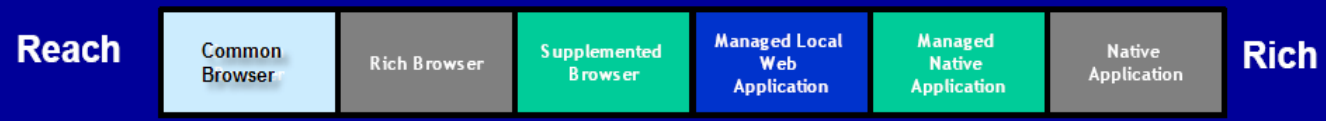
Thin Client Network Application Model

- Multi-tier server model
- Central Management & Deployment
- Large reach – multi-client (browsers)
- Centralized server (Web Services)
- Rich, native, clients no longer the norm



Fat Client Client Server

- Pure browser strategy no longer sufficient
- Customers increasingly asking to go beyond the browser
- But want to stick to a central Management & Deployment



Richness & Function



Workplace Paradigm: Have an integrated middleware layer

1) Introduction

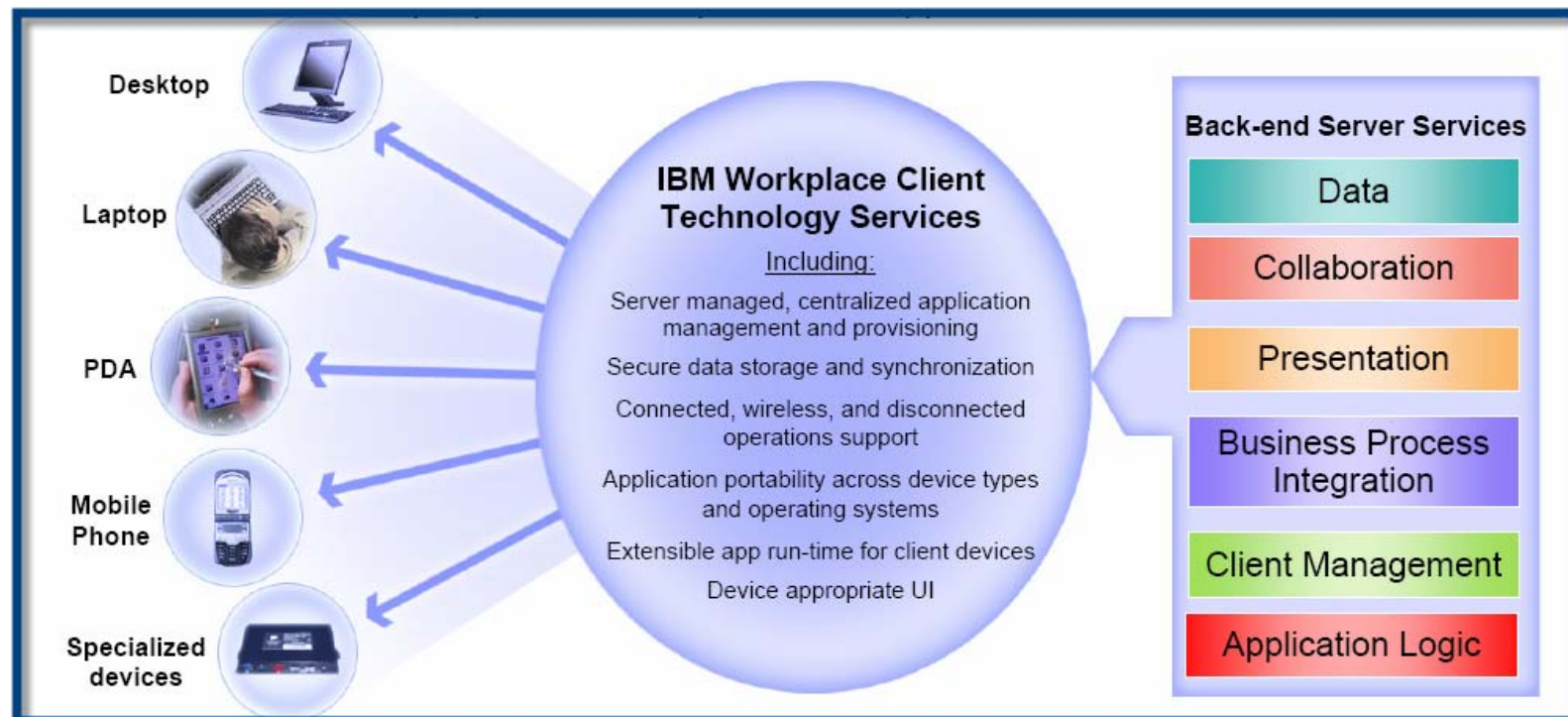
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Current Desktop-Metaphor at the Workplace

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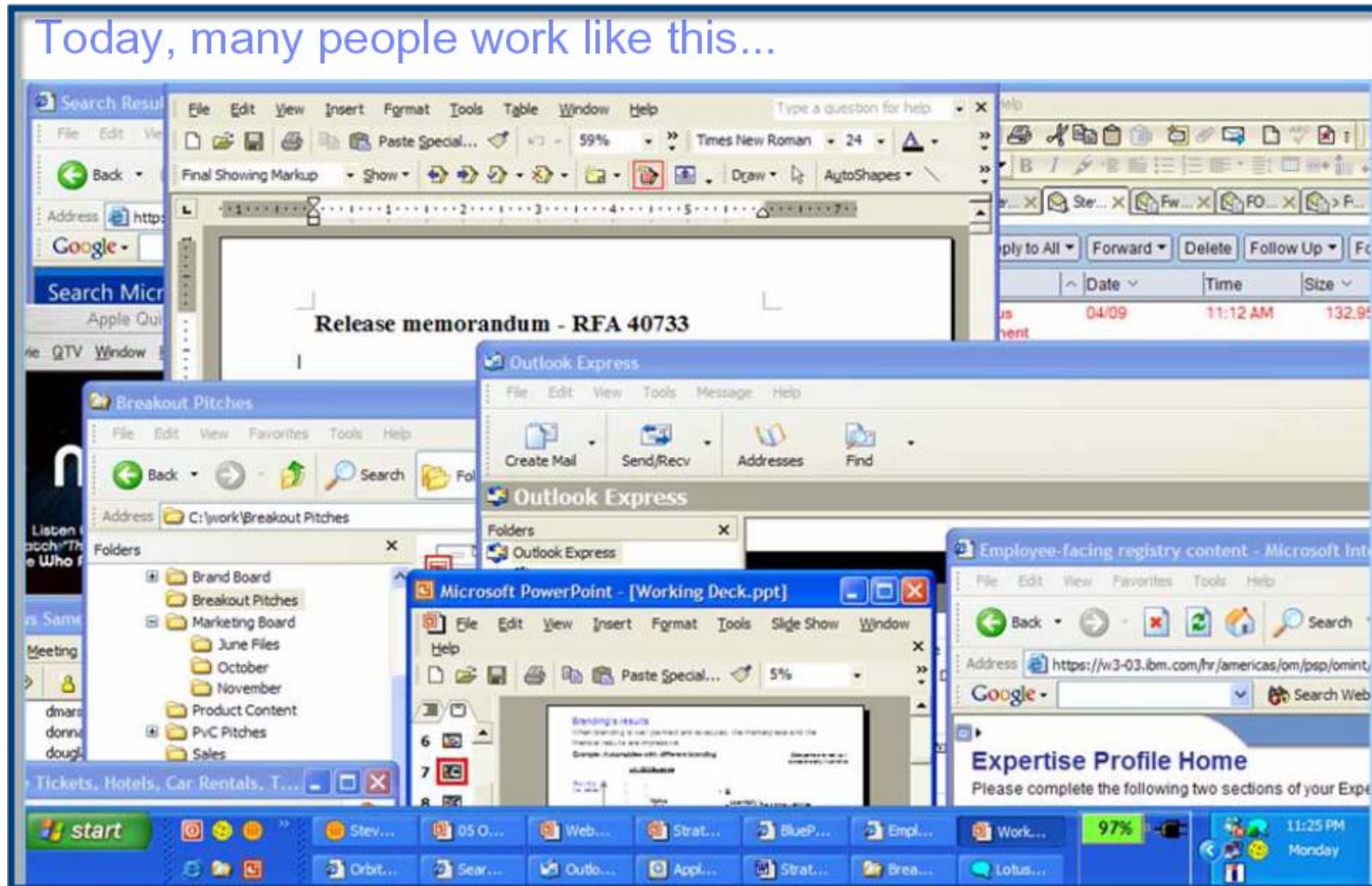
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Workplace Paradigm 1 (IBM)

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IBM Workplace provides:

- A simplified infrastructure for developing, deploying and managing the **“front end”** work environment as part of flexing business processes
- A new **managed client** environment for **centralized administration** across browsers, rich disconnected clients, and mobile devices

◆ IBM Workplace includes:

- Portal technology
- Editor tools
- Collaboration tools
- Content Management tools
- Workflow capabilities



Workplace Paradigm 2 (IBM)

Composite Applications

Built with a Variety of Tools, and skill levels, can be independently assembled

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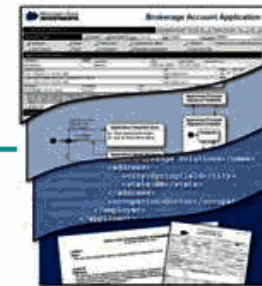
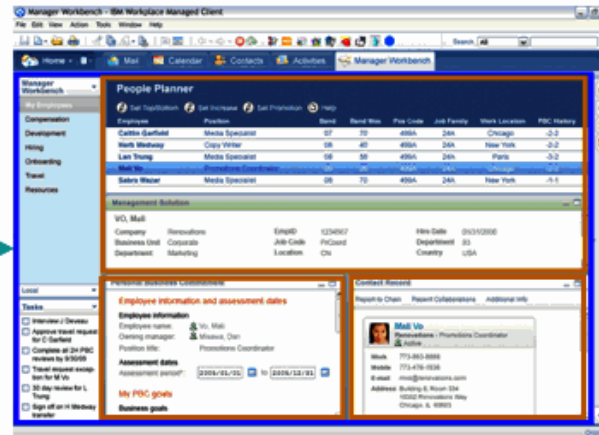
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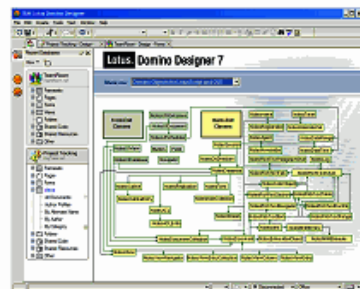
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Composite built with
Bowstreet Factory



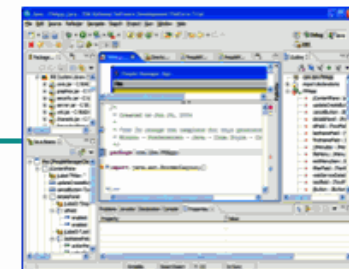
E-form built with
Workplace Forms
Designer



Notes applications built with
Domino Designer

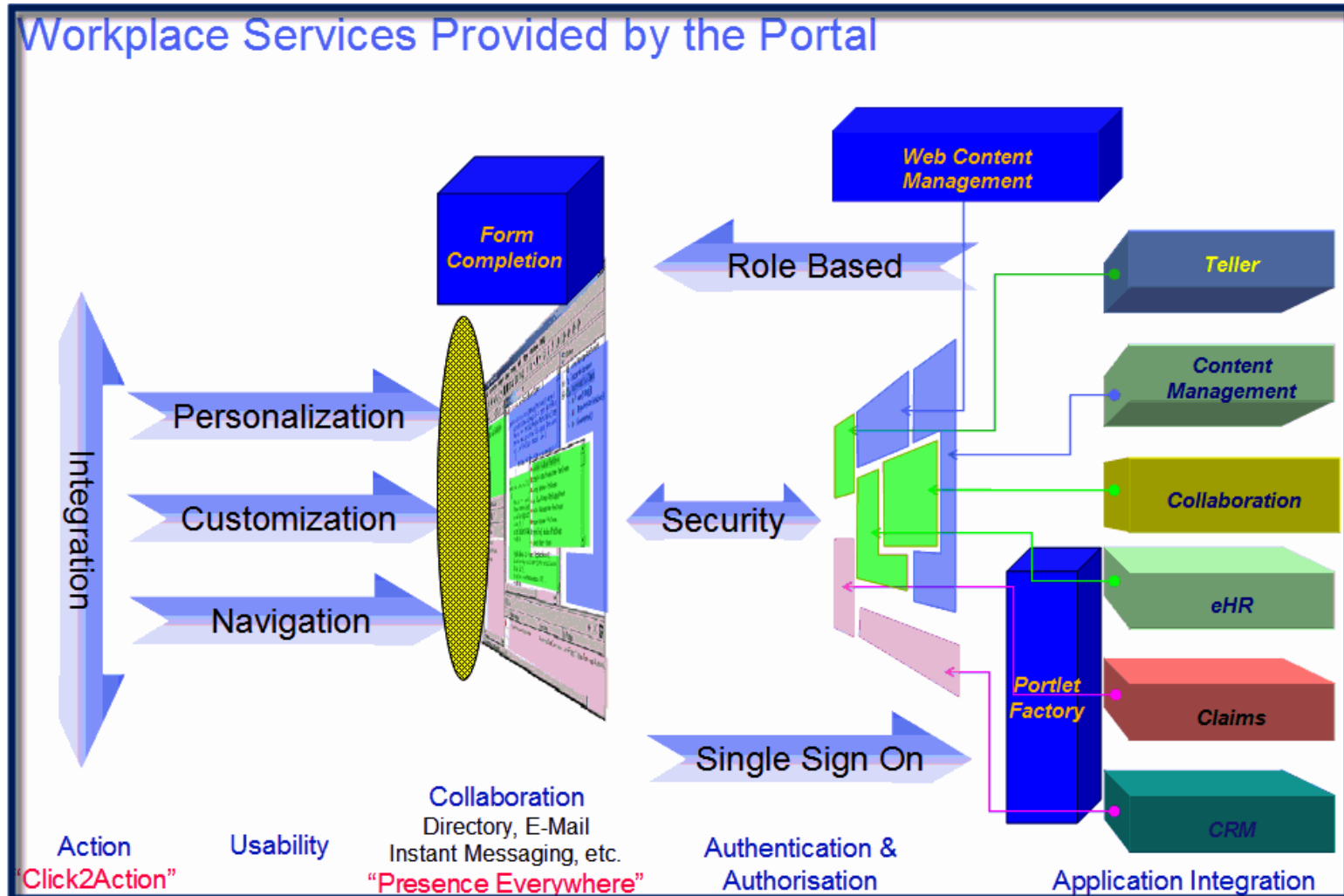


Collaborative applications built
with Workplace Designer



Eclipse component built with
Rational RAD

Workplace Paradigm 3 (IBM)



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Portal Middleware Layer: support different languages

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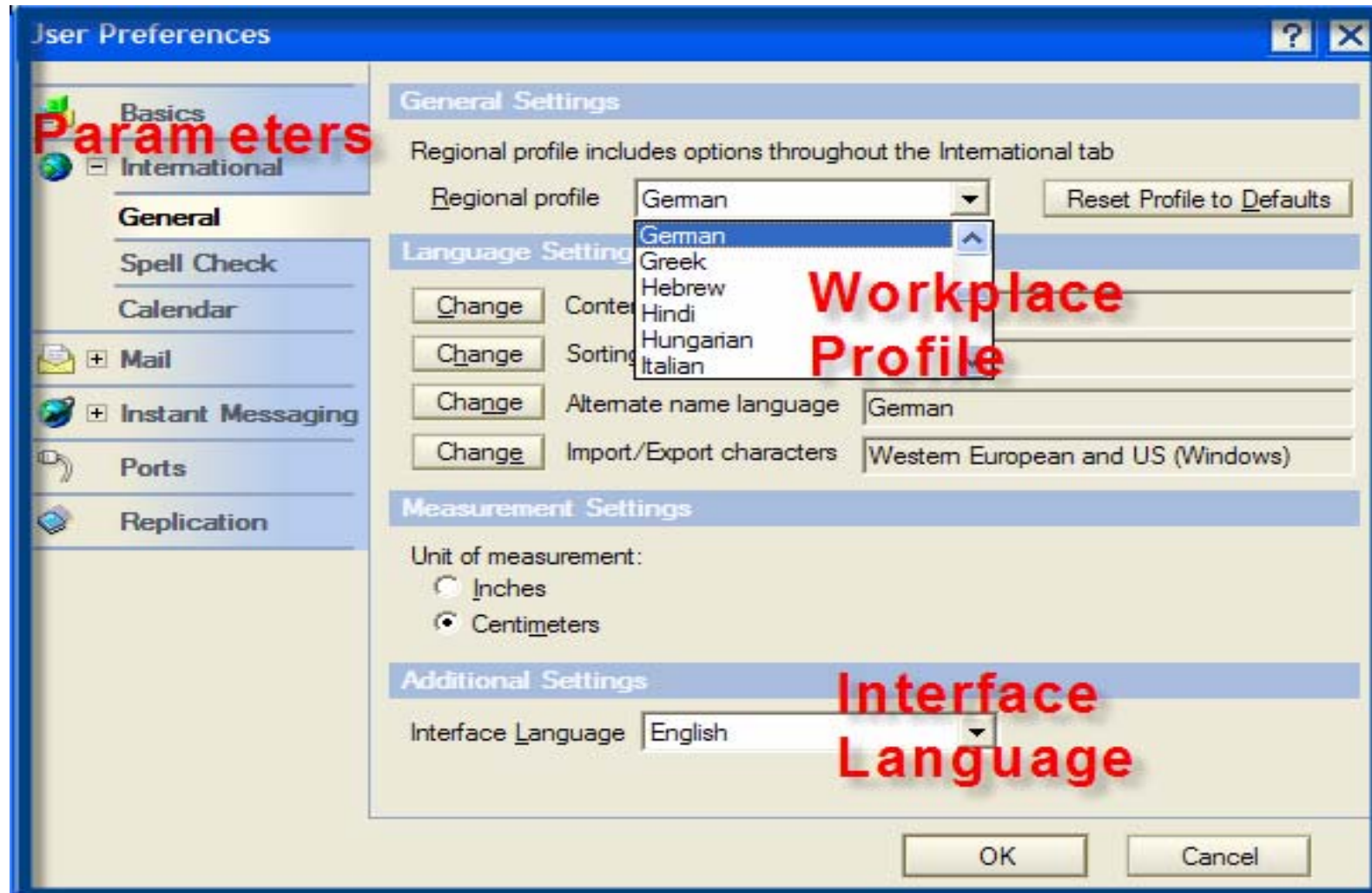
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Process-/Workflow Cockpit: offline option

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The screenshot displays the 'Process Cockpit' interface for Groupware Competence Center. It features a top navigation bar with logos and a main content area divided into six panels, each representing a different workflow category. Each panel contains a list of users and their associated roles or departments.

Category	User	Role/Department
GCC-OF Office	Erdmann - Ingo Erdmann	WI2/FB5/UniPB/DE
	Foerster - Ulrich Foerster	WI2/FB5/UniPB/DE
	Kramer - Franz Kramer	WI2/FB5/UniPB/DE
	Nastansky - Ludwig Nastansky	WI2/FB5/UniPB/DE
	Wang-Nastansky - Pei	
GCC-TR Transact. & Projects	Foerster - Ulrich Foerster	WI2/FB5/UniPB/DE
	Hahn - Olaf Hahn	WI2/FB5/UniPB/DE
	Nastansky - Ludwig Nastansky	WI2/FB5/UniPB/DE
GCC K-Pool	Nastansky - Ludwig Nastansky	WI2/FB5/UniPB/DE
	Ploch - Holger Ploch	WI2/FB5/UniPB/DE
	Pohlkamp - Markus Pohlkamp	WI2/FB5/UniPB/DE
	Strathkoetter - Heiko Strathkoetter	Student/UniPB/DE
	Wang-Nastansky - Pei	
GCC-LP LV&Prüf	Erdmann - Ingo Erdmann	WI2/FB5/UniPB/DE
	Foerster - Ulrich Foerster	WI2/FB5/UniPB/DE
	Hesse - Bernd Hesse	WI2/FB5/UniPB/DE
	Nastansky - Ludwig Nastansky	WI2/FB5/UniPB/DE
	Ploch - Holger Ploch	WI2/FB5/UniPB/DE
Smolnik - Stefan Smolnik	WI2/FB5/UniPB/DE	
Fak WW PhD-Program	Nastansky - Ludwig Nastansky	WI2/FB5/UniPB/DE
GCC Forum	Berg - Thomas Berg	Student/UniPB/DE
	Cramer - Anja Cramer	Student/UniPB/DE
	Funk - Marion Funk	Student/UniPB/DE
	Jaeger - Daniel Jaeger	Student/UniPB/DE
	Koch - Andreas Koch	Student/UniPB/DE
	Rombold - Jan Rombold	Student/UniPB/DE
Strathkoetter - Heiko Strathkoetter	Student/UniPB/DE	

Activity Manager Portal

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The screenshot shows the PAVONE Activity Manager Portal interface. At the top, there is a navigation bar with icons for Welcome Page, Vorlagen, Organisation, Projekte, Hilfe, and GCC Activity Manager. The main content area is divided into several portlets:

- Activity List:** A list of activities with checkboxes and priority indicators. Annotations include "Activity List" and "Expanded Activities" with red arrows pointing to specific items.
- Mail Portlet:** Displays an email from Kevin Cavanaugh regarding a DNUG Award 2006. Annotation: "Mail Portlet".
- Calendar Portlet:** Shows a calendar view with events for DNUG Opening, Monday Dinner, KeyNote, and Award Presentations. Annotation: "Calendar Portlet".
- ToDo Portlet:** Lists tasks such as "0 ToDo list all LN" and "DNUG ToDo List". Annotation: "ToDo Portlet".
- Project Portlet:** Lists projects like "Roadmap DNUG Conf 2006" and "STR101 Introduction to IBM Lotus Workplace". Annotation: "Project Portlet".
- Documents & URLs Portlet:** Lists various documents and URLs, such as "C:\Dokumente und Einstellungen\Administrator\Desktop\DNUG-MO-Ha-Rhodin.mpeg Ink". Annotation: "Documents & URLs".
- People Portlet:** A list of contacts including Angelika Bursig, Bernd Hesse, and others. Annotation: "People".
- Places Portlet:** Lists locations like China, DNUG Konferenz, and Karlsruhe. Annotation: "Places".
- Label Portlet:** Lists labels like Business Intelligence and DNUG/IBM TechForum. Annotation: "Labels".
- Keywords Portlet:** Lists keywords like DNUG/IBM TechForum 2006 Ka. Annotation: "Keywords".
- Organizations Portlet:** Lists organizations like CDHK - Chinesisch-Deutsches and GCC - Groupware Competence Center. Annotation: "Organizations".

Web-Conferencing

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Lotus. Sametime Meeting Center Mon, 1/6/2003 9:45 AM
[Log on to Sametime](#)

[New Meeting](#)

[Active](#)
• [Scheduled](#)
[Finished](#)
[Today](#)

[Unlisted Meeting](#)
[All Meetings](#)

Date	Meeting	Moderator	Status
1/6/2003	12:00 PM Customer Meeting	Chris Crummey/lot	
	2:45 PM Sales Review	Chris Crummey/lot	

e-Meetings

Find Meeting | Schedule Meeting

To find an unlisted meeting, type the exact meeting name.

[Search](#)

Scheduled Meetings 1-5 of 14 Refresh

01/27/03

10:00 am Meeting 1
■ Cathy Robins

01:00 pm Meeting 2
■ Anita Jones

Meeting 3
■ Brenda Churchill

02/04/03

10:00 am Meeting 4
■ Cathy Robins

02/05/02

11:00 am Meeting 5
■ Bill Perkins

1-5-of 14 Refresh

Web-Conferencing

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The screenshot shows a web browser window displaying a whiteboard. The whiteboard content includes:

- Whitebord** (top right)
- Conferencing** (center)
- Logo of Tsinghua University (清华大学) and text: "Tsinghua University", "Groupware Competence Center, University of Paderborn"
- Welcome, Tsinghua University Beijing, P.R.China**
- Image of a building (Tsinghua University)
- Footer: "Electronic meeting on K-Pool implementation at Tsinghua University April 28th, 2005"

Annotations on the screenshot:

- A blue arrow points from the text "English, Chinese, German, French, etc." to the whiteboard content.
- A pink arrow points from the text "Sound Video" to the video feed of a participant in the top right corner.
- A green arrow points from the text "Awareness" to a list of participants in the bottom right corner.
- An orange banner at the bottom of the whiteboard area contains the text: "Automatic Runtime language adaption. Participants use their home language."

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PERSONAL CALENDAR
Zhang Wei

PERSONAL CALENDAR
Arno Rautman

PERSONAL CALENDAR
Tracy Monroe

PERSONAL CALENDAR
Wang Hong

**Calendar
Management:**
Synchronize into
Calendar for Groups/Teams

Group Calendar

Group-Calendar

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PAVONE Group Calendar

Navigation: Standard, Navigator - Standard, Oktober 2006, Today is 22.10.2006

Calendar View: Day, Week, Month

Events:

- 16 Montag Oktober 2006**
 - 16.10: Vorlesungsbeginn (H. Ploch)
 - 16.10: Out of Office (T. Rasche)
 - 16.10: START WS 2006/07 (L. Nastansky)
 - 09:00 - 11:00: [UniPB1H1 * Holger] MODUL W2321 Workplace und Office Systeme (L. Nastansky)
 - 09:15 - 10:45: [H1] W2321 Workplace & Office Systeme (H. Ploch)
 - 14:00 - 15:00: [UniPBIE5.133 * Har] COMETOOL (L. Nastansky)
- 17 Dienstag Oktober 2006**
 - 09:00 - 11:00: [UniPBIN3.237 * Hol] MODUL W4323: Collaborative Application Architectures (L. Nastansky)
 - 11:00 - 12:00: Collaborative Architectures (H. Ploch)
 - 12:00 - 13:00: ...-Sitzung (B. Hesse)
 - 13:00 - 14:00: ... (I. Erdmann; H. Ploch)
 - 14:00 - 15:00: ... (L. Nastansky)
 - 15:00 - 16:00: ... (L. Nastansky)
 - 16:00 - 17:00: ... (J. Mueller; B. Hesse)
- 19 Donnerstag Oktober 2006**
 - 09:00 - 18:00: Out of Office (T. Rasche)
 - 09:15 - 10:45: [N4.206] W1031 Mentoringkurs 1 Wirtschaftsinformatik (H. Ploch)
 - 13:30 - 14:00: Personalratssitzung (U. Foerster)
 - 15:00 - 17:00: [UniPBIE5.133] DEPLOY PAVONE SCM enabled DEMO Environment (L. Nastansky)
 - 19.10: [Internet * Marjori] Lotus: IBM Think!Thursday (L. Nastansky)
 - 16:00 - 16:30: Diskussion Ressourcen (I. Erdmann)
- 20 Freitag Oktober 2006**
 - 20.10: Geburtstag: Ulrich Förster (1959) (A. Bursig)
 - 20.10: Heimarbeitstag (H. Ploch)
 - 20.10: Heimarbeitstag (I. Erdmann)
 - 20.10: Out of Office (T. Rasche)
 - 10:00 - 11:00: [H5.231] Zertifizierungsprogramm (B. Hesse)
 - 13:30 - 15:00: [H5.231] Co-Mentoren-Einführung in die Mentoring Datenbank (B. Hesse)
- 21 Samstag Oktober 2006**
 - 20:00 - 16:00: [Hamburg] VHB Vorstand & Vorstandsbeirat (L. Nastansky)
- 22 Sonntag Oktober 2006**

Document Management

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2) Challenges:
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3) Concepts &
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5) Solutions,
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The screenshot displays the IBM Workplace Managed Client interface. The main window is titled "Renovations - IBM Workplace Managed Client" and shows a document management system. The interface includes a menu bar (File, Edit, View, Actions, Tools, Window, Help), a left sidebar with navigation icons (Messaging, Lotus Notes, Activity Explorer, Documents, Team Spaces, Applications, Web Browser), and a central pane showing a document library structure. The "Renovations" folder is expanded, showing a list of documents and folders. A yellow callout labeled "Action Buttons" points to the "New", "Edit", "Import...", "Export...", and "Delete" buttons above the document list. Another yellow callout labeled "Navigator" points to the "Document Libraries" tree on the left. A third yellow callout labeled "Application Switcher" points to the "Documents" icon in the left sidebar. A fourth yellow callout labeled "Side Bar" points to the "Instant Contacts" list on the right. The document list includes columns for Title, Author, Type, and Modified. The "Fall Market Plan" document is selected.

Title	Author	Type	Modified
Marketing Plans	susanadams700@us.ibm.com	Folder	12/22/05
Peer Reviews	susanadams700@us.ibm.com	Folder	12/22/05
Promos	susanadams700@us.ibm.com	Folder	12/22/05
Fall Market Plan	susanadams700@us.ibm.com	Document	12/15/05
HTML	susanadams700@us.ibm.com	HTML Document	12/22/05
MS Excel workbook	susanadams700@us.ibm.com	Microsoft Office Excel Comma Separated	12/22/05
MS Excel workbook	susanadams700@us.ibm.com	Microsoft Excel Worksheet	12/22/05
MS PPT	susanadams700@us.ibm.com	Microsoft PowerPoint Presentation	12/22/05
MS Word	susanadams700@us.ibm.com	doc file	12/22/05
Open Document Presentation	susanadams700@us.ibm.com	Presentation	12/22/05
Open Document Spreadsheet	susanadams700@us.ibm.com	Spreadsheet	12/22/05
PDF	susanadams700@us.ibm.com	Adobe Acrobat Document	12/22/05
	susanadams700@us.ibm.com	Presentation	12/22/05
	susanadams700@us.ibm.com	wpm file	12/22/05
	susanadams700@us.ibm.com	Rich Text Format	12/22/05
Spreadsheet	susanadams700@us.ibm.com	Spreadsheet	12/22/05
Text	susanadams700@us.ibm.com	Text Document	12/22/05
Word Processing Document	susanadams700@us.ibm.com	Document	12/22/05

Document & Knowledge Management: Versatile Views

1) Introduction

2) Challenges: Information & Knowledge Management

3) Concepts & Technologies

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5) Solutions, Applications, Tools

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Knowledge-Management

TITLE	TAXONOMY
IBM 0 Overview: IBM Software Symposium 2002, 10-14. June 2002, Vienna 2002.	2002 LABEL: Collaboration Software ORGANIZATIONS: IBM Lotus PLACES: Wien THINGS: Conference TIME: 2002
IBM Lotus: 1 GCC Roadmap Lotus presentations: IBM Software Symposium 2002, 10-14. June 2002, Vienna, IBM Corporation, Armonk 2002.	2002 LABEL: Collaboration Software ORGANIZATIONS: IBM Lotus PLACES: Wien THINGS: Conference TIME: 2002
IBM LeBlanc, Robert 2 General Session: Building the Connected Business, IBM, Vienna 2002.	2002 LABEL: e-Business ORGANIZATIONS: IBM PEOPLE: LeBlanc, Robert PLACES: Wien THINGS: Strategy TIME: 2002
IBM: 3 Vanguard Program Notes 6: Workshop 10.05.02, IBM, Vienna 2002.	2002 ORGANIZATIONS: IBM PEOPLE: Blösch, Kai Davenport, Gary Nohet, Ted Votaw, Heidi PLACES: Wien THINGS: Availability Cluster Reliability Server TIME: 2002
IBM: Bowen, Roy W.: AD102 - JZEE for Domino Developers, IBM, Wien 2002.	2002 HIDEWHEN: GCC-LowAccess ORGANIZATIONS: IBM PLACES: Wien TIME: 2002

"Theme"-View

TOP > G > GC > GCC TEACHING > LECTURE 2005 SS > 052462 SEMINAR ZUR WIRTSCHAFTSINFORMATIK - TOPICS/THEMES

TITLE	ORGANIZATIONS
Gerhold, Claudia: GCC Teaching: Empirische Analyse der Winfo-Foren Diskussionsdatenbank - Nutzungsverhalten, Effektivität und Verbesserungspotenziale, Groupware Competence Center, Paderborn 2005.	GCC - Groupware Competence Center
GCC Teaching: Evaluierung und prototypische Einbindung eines Natural Language Processors in eine Lotus Domino Datenbank, Universität Paderborn, Paderborn 2005.	GATE Knowledge Management NLP
GCC Teaching: HP01: Evaluierung, prototypische Installation und Integration des Websphere Information Integrator OmniFind Edition Servers 2005.	Enterprise Search GS-Portal OmniFind Websphere Information Integrator
Niewald, Moritz: GCC Teaching: IE02: Entwicklung eines generischen Notes View Plugins auf Eclipse Basis für den IBM Workplace Client, GCC, Paderborn 2005.	Eclipse JZEE Workplace Client

Snippet-Management & Rendering

- GCC Team; Nastansky, Ludwig: 1. Competence Center, Paderborn 2004. TYPE: Media Object | RTF. THEME(s): GCC Team / 1 Manager
- GCC Team; Pulst, Edda: 2. Prof. Dr. Paderborn 2004. TYPE: Media Object | RTF. THEME(s): GCC Team / 1 Manager
- GCC Team; Holland, Joseph W.: 3. Center, Paderborn 2004. TYPE: Media Object | RTF. THEME(s): GCC Team / 1 Manager
- GCC Team; Bursig, Angelika: 4. An... Excellence... THEME(s): GCC Team / 1 Manager
- GCC Team; Kramer, Franz: 5. Dipl. TYPE: Media Object | Miscellaneous. THEME(s): GCC Team / 1 Manager
- Nastansky, Ludwig: Nastansky, Ludwig 2004. TYPE: Media Object | RTF. THEME(s): Nastansky / 01-Profile

Groupware Competence Center im IBM Business Partner Ka...
Das 1991 an der Universität Paderborn gegrü... Groupware Competence Center unter der Leit... Prof. Dr. Ludwig Nastansky ist IBM Premier Bu... Partner und beschäftigt sich schwerpunktmäß...

IBM Certified Instructor Program Awards 2006
Lotusphere 2006 in Orlando, worldwide IBM C... Instructor Day Awards: GCC members Ingo Er... and Markus Pohlkamp were honored for their... outstanding achievements as IBM Certified Ins... [more]

The GCC Summer Party 2005
The annual GCC Summer Party took place... Minigolf-Freizeitpark Auf der Lieth. See the GC... celebrating! [more]

Experts meet for Selecting Spanish Wine
... we continue just another time on a long stand... tradition! [more]

Project Management: Structure Builder

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The screenshot displays the PAVONE Project Management interface. At the top, the window title is "PAVONE ProjectBuilder - [Project: Audit Preparation Process]". Below the title bar is a menu bar (File, Edit, Create, View, Options, Window, Help) and a toolbar with various icons. The main workspace is divided into several panes:

- Left Pane:** A hierarchical tree structure for "AuditPrep01" showing four phases: Phase I, Phase II, Phase III, and Phase IV. Each phase contains sub-tasks like "Meeting with...", "Create audit...", "Outline of...", "Conduct kick...", and "Phase I corr...".
- Center Pane:** A detailed view of the project structure, including a "Navigator - Planning" section with options like "Project Structure", "Major Tasks", and "Classification". Below this is a table of tasks.
- Right Pane:** A vertical list of tasks and milestones, including "Preparation", "Preliminary 1", "Milestone: P", "Audit firm pe", "Preparation", "Discussion", "Audit commi", "Milestone: R", and "Milestone: F".

The task list table in the center pane is as follows:

Task name	Resource(s)	Type/Status
AuditPrep01: Audit Preparation Process		
Management		
Audit Preparation Process (Microsoft Proj...		Project Management
Audit Preparation Process (Microsoft Proj...		Project files
Audit Preparation Process (Microsoft Proj...		Workload
Project: Audit Preparation Process		
AuditPrep01		Critical/Started
Phase I		Started
Meeting with board of directors audit co Arautm,Tmonro,Bstyle		Finished
1 No subject [0]		Report
1 No subject [0]		Report
Create audit framework document	Tmonro	Finished
Meeting with the audit firm	Dthiba,Jfrank,Bstyle,Arautm	Finished
Outline of audit procedures, audit timin	Jfrank,Dthiba	Finished
Create audit plan	Rander,Bstyle,Jfrank	Finished
Conduct kick-off meeting	Bstyle,Rander,Nlindn	Finished
Phase I complete		Finished
Phase II		Started
Preaudit review	Rander,Nlindn,Bforqu,Jfrank,Dthi	Started
Ongoing discussions of preaudit review	Jfrank,Dthiba,Arautm,Bstyle	Started
Generate document outlining findings f	Jfrank,Dthiba	Started
Meeting with CEO to discuss preaudit r	Arautm,Bstyle,Shayes	Started
Report of preaudit review sent to audit c	Arautm	Critical/Started
Phase II complete		Started
Phase III		Started
Implement preaudit review results	Rander,Bstyle	Started
Final internal review of financials and b	Rander,Bstyle	Started
Final adjustments and accruals record	Bstyle,Rander,Nlindn	Critical/Started

Project Management: Gantt Chart

1) Introduction

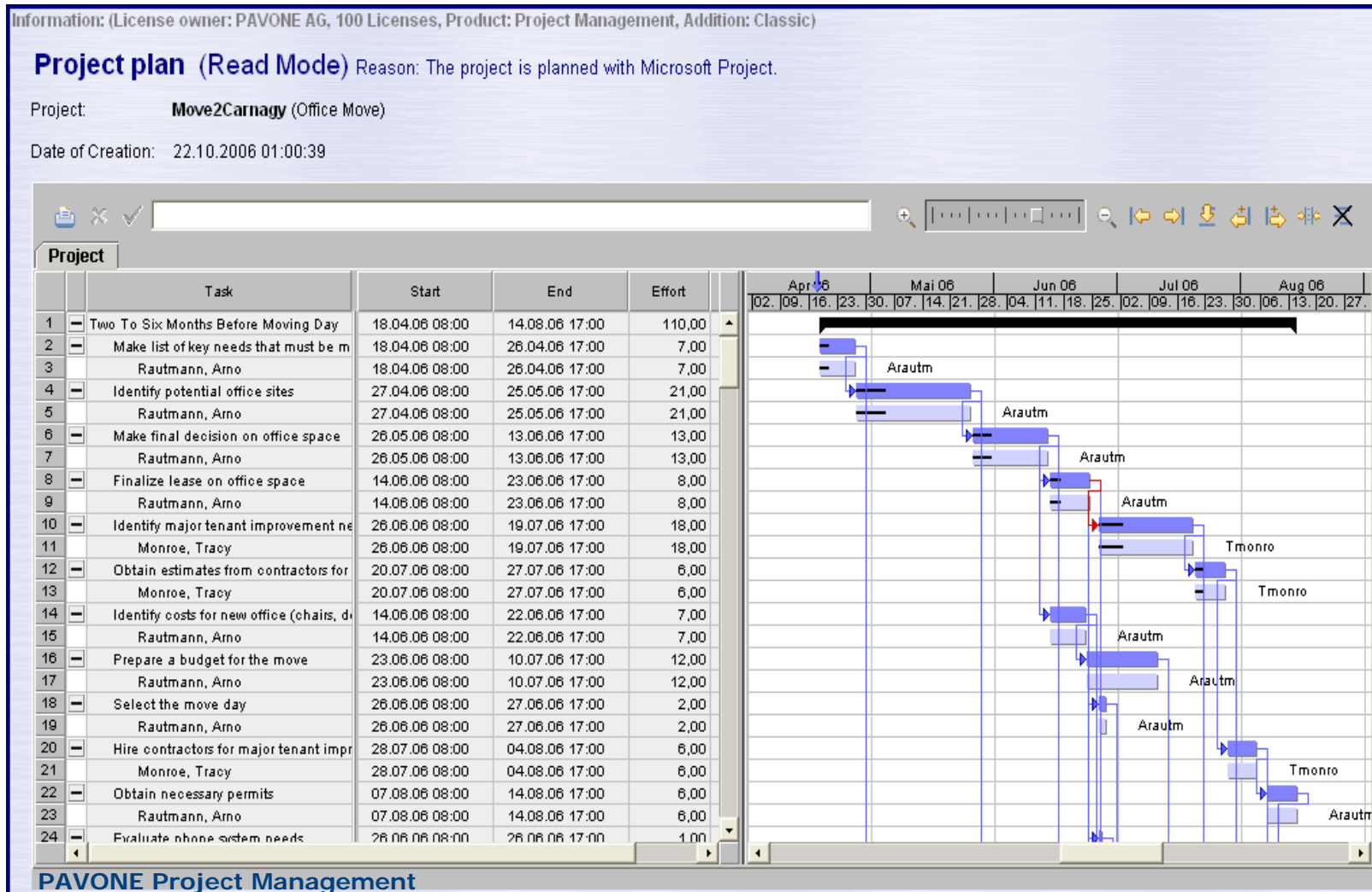
2) Challenges: Information & Knowledge Management

3) Concepts & Technologies

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Contacts



Multi-Project Management: Workload Summary Report

1) Introduction

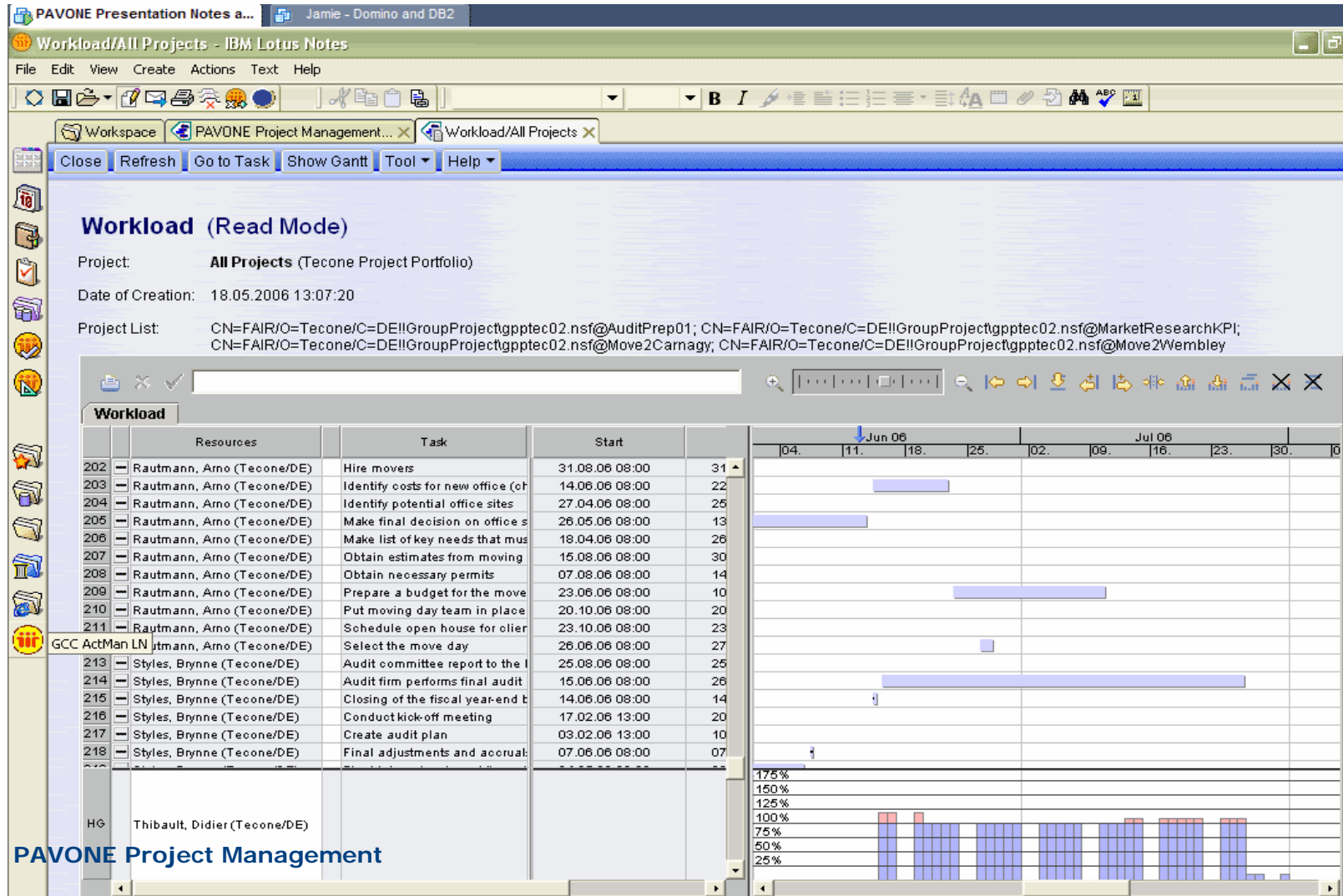
2) Challenges:
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Technologies

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5) Solutions,
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Multi-Project Management: Project Portfolio Risk Report

1) Introduction

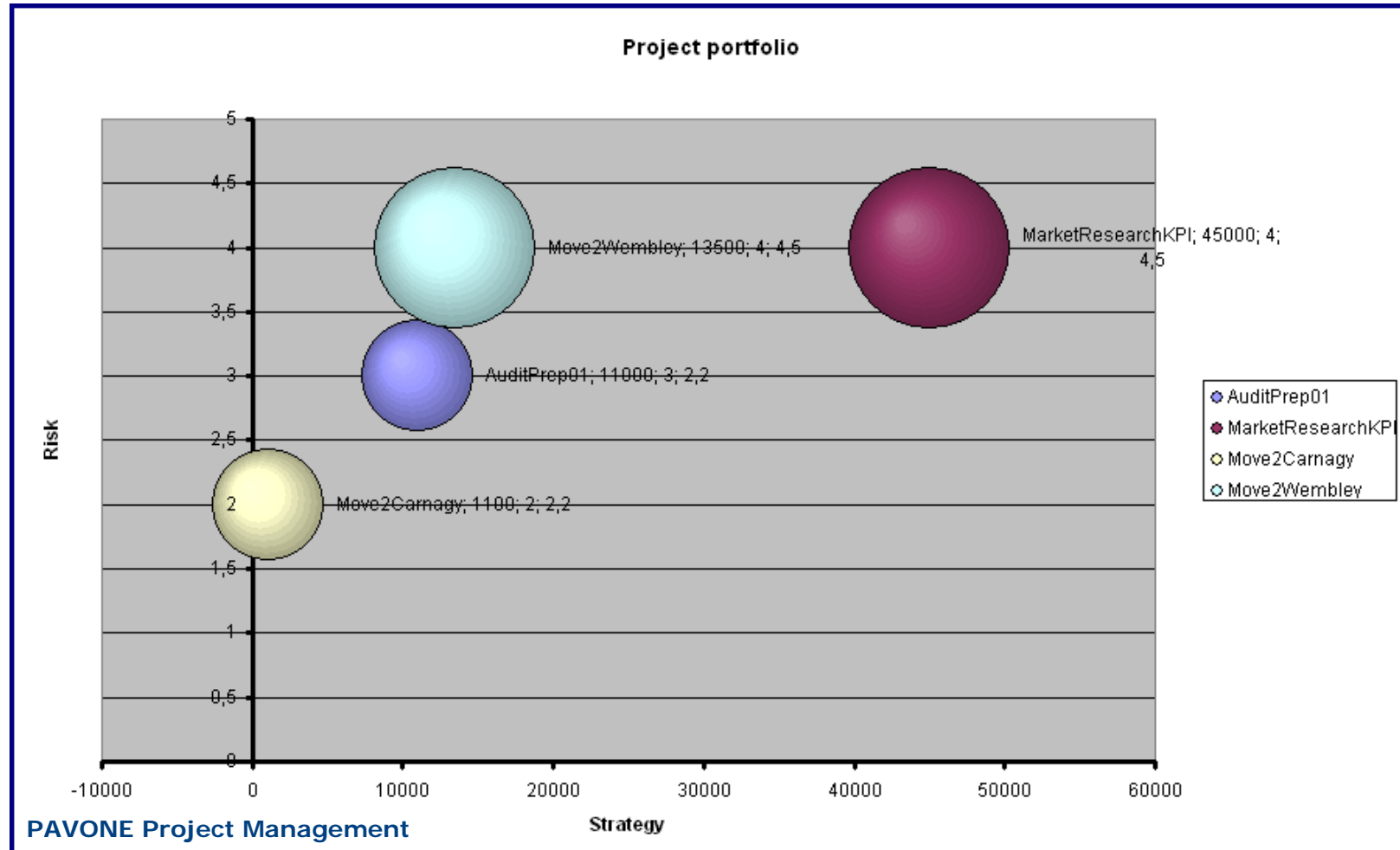
2) Challenges:
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3) Concepts &
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Organizational Structure: Departments

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Chart-
Layout

The screenshot displays the PAVONE Organization Modeler interface. On the left, a hierarchical organizational chart is shown for the University of Paderborn - UniPB, Faculty of Business Administration & Economics. The chart includes departments such as '0 Dean's Office - Dekanat', '1 Dep. Management', '2 Dep. Accounting and Finance', '3 Dep. Wirtschaftsinformatik - Business Information Systems', '4 Dep. Economics', '5 Dep. for Business and Human Resource Education', '6 Dep. WWI/Recht', and '9 Studierende & Alumni - Student Affairs & Alumni'. On the right, the 'Database-Layout & Database-Management' view is shown, featuring a 'People in Department' table with columns for department names and lists of individuals. The interface also includes a 'Navigator - Standard' pane with options like 'People', 'Organization', 'Departments', 'Workgroups', 'Roles', 'Overview', 'Skills', and 'My Tasks'.

Database-Layout &
Database-Management

PAVONE Organization Modeler

Organizational Structure: Teams & Workgroups

1) Introduction

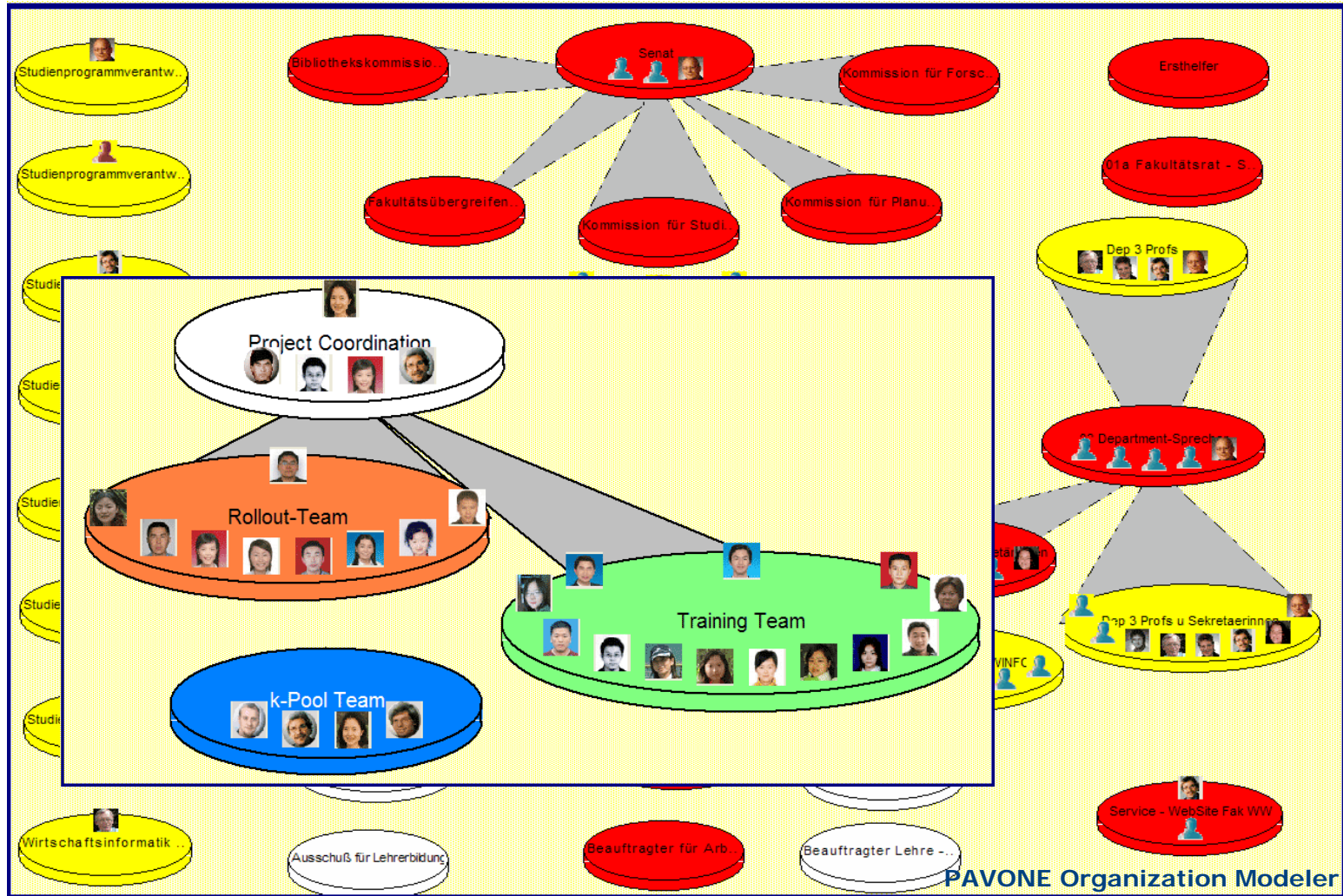
2) Challenges:
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Workflow: Example „Travel Application“

1) Introduction

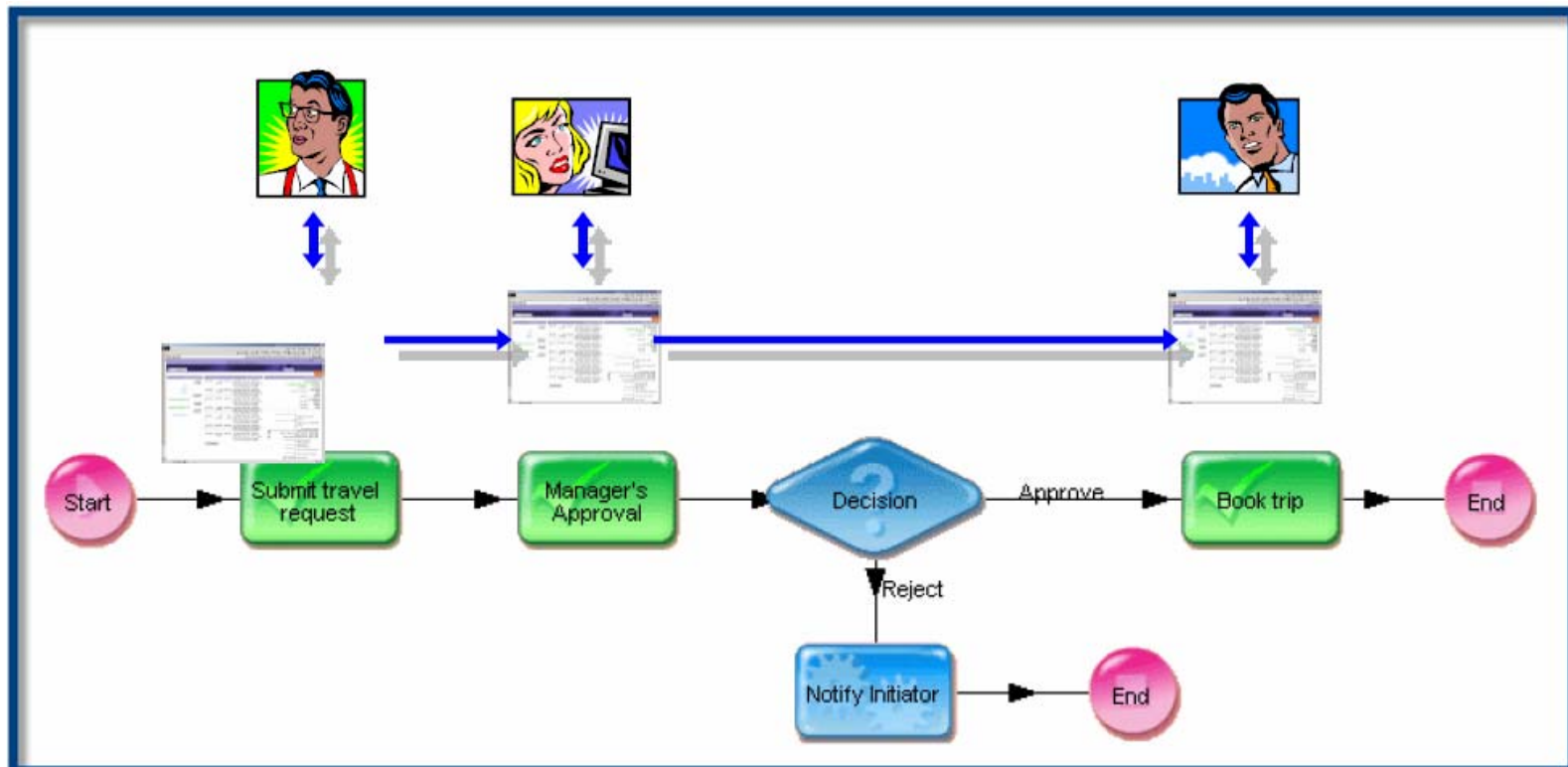
2) Challenges:
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Organizational Structure: Workflows & Processes

1) Introduction

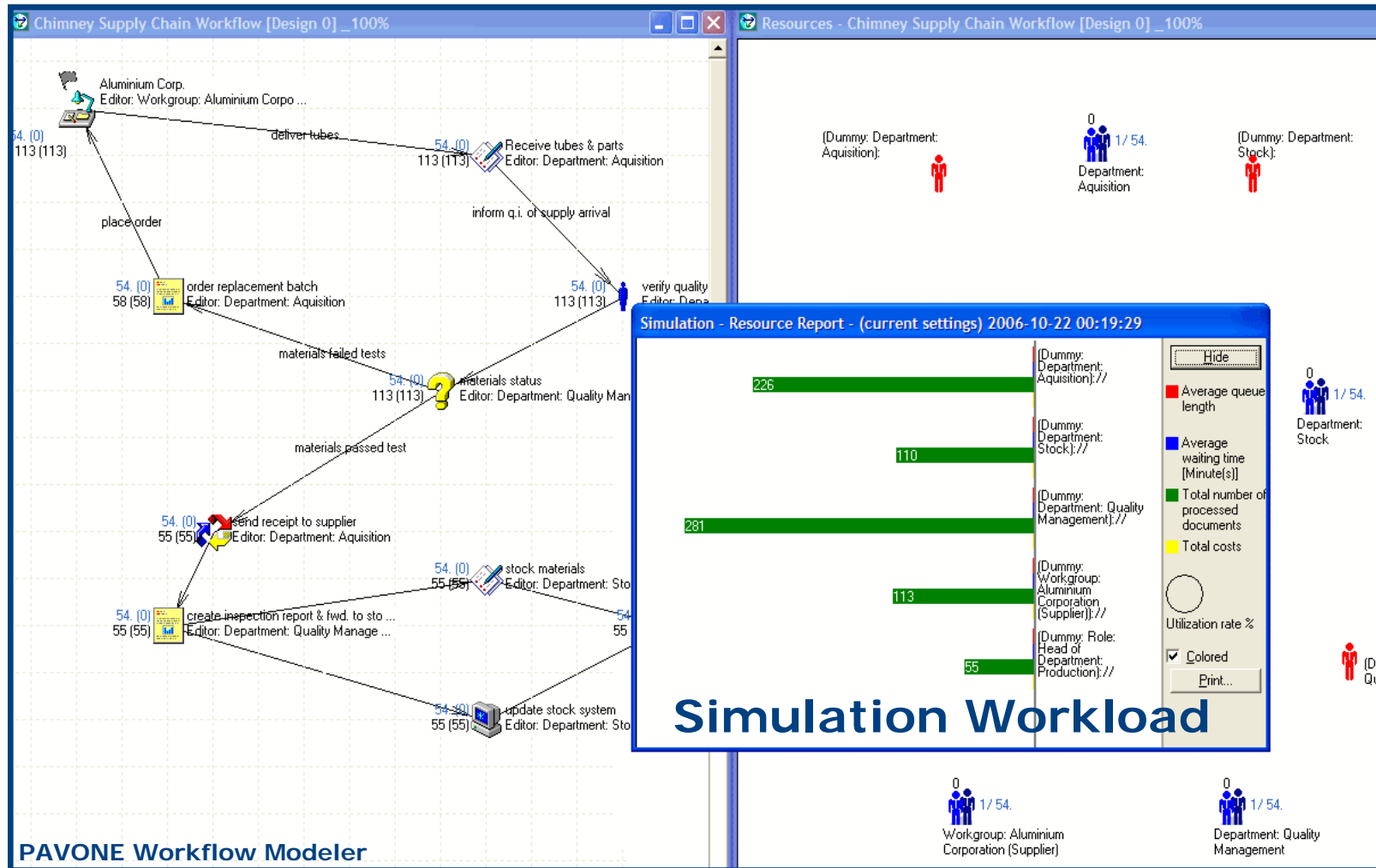
2) Challenges: Information & Knowledge Management

3) Concepts & Technologies

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5) Solutions, Applications, Tools

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Contacts



1) Introduction

2) Challenges: Information & Knowledge Management

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5) Solutions, Applications, Tools

- Stuart McRae, New Concepts for the Integrated e-Workplace - Innovating to Improve People Productivity and Organisational Effectiveness (IBM, DNUG University Days Paderborn 2008)
- Stefan Hepper: WebSphere Portal and IBM Workplace: Portlet Programming Model and Techniques (IBM, Lotusphere Orlando 2005)
- Carl Kraenzel, Peter van de Graaf: Rich Clients: Extending the Value of IBM Portal and IBM Workplace Solutions with IBM Workplace Client Technology (IBM, Lotusphere Orlando 2005)
- PAVONE Inc.: Enterprise Office, Project Management, Workflow, et al.
- GCC University of Paderborn: k-Pool

References/
Contacts

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3) Concepts &
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