



IBM Software Group

Workplace Collaboration Services und die Workplace Client Technologie

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SW IT Architekt

IBM Deutschland GmbH



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Agenda

- **Software, SOA und die Notwendigkeit der Flexibilität**
- **IBM Workplace Collaboration Services**
- **Workplace Client Technologie**
- **Productivity-Tools**
- **Entwicklungstools**
 - Rational Application Developer
 - Bowstreet Portlet Factory
 - Workplace Designer
 - Workplace Forms



IBM Software Group

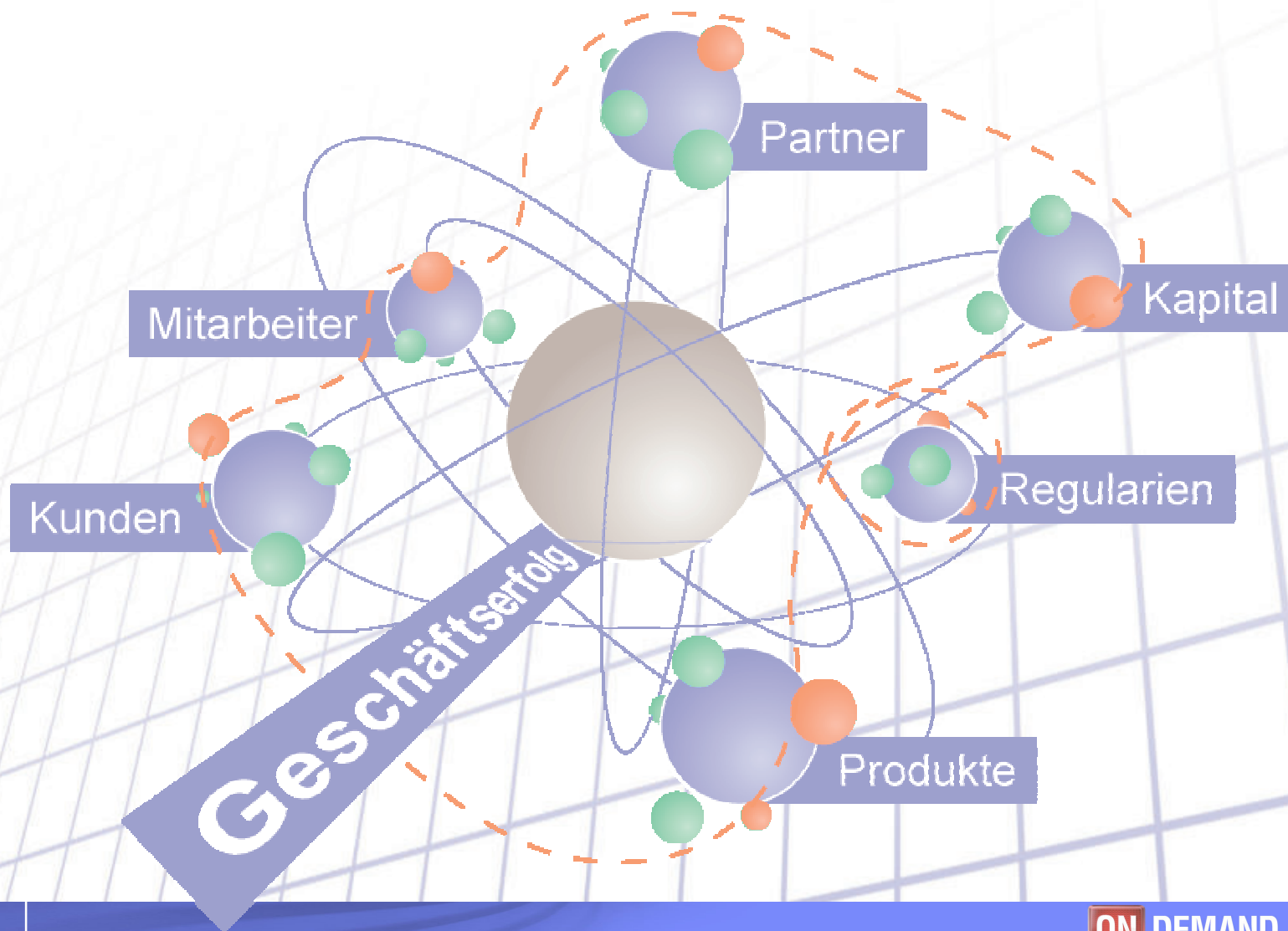
Von Software, SOA und der Notwendigkeit der Flexibilität



ON DEMAND BUSINESS™

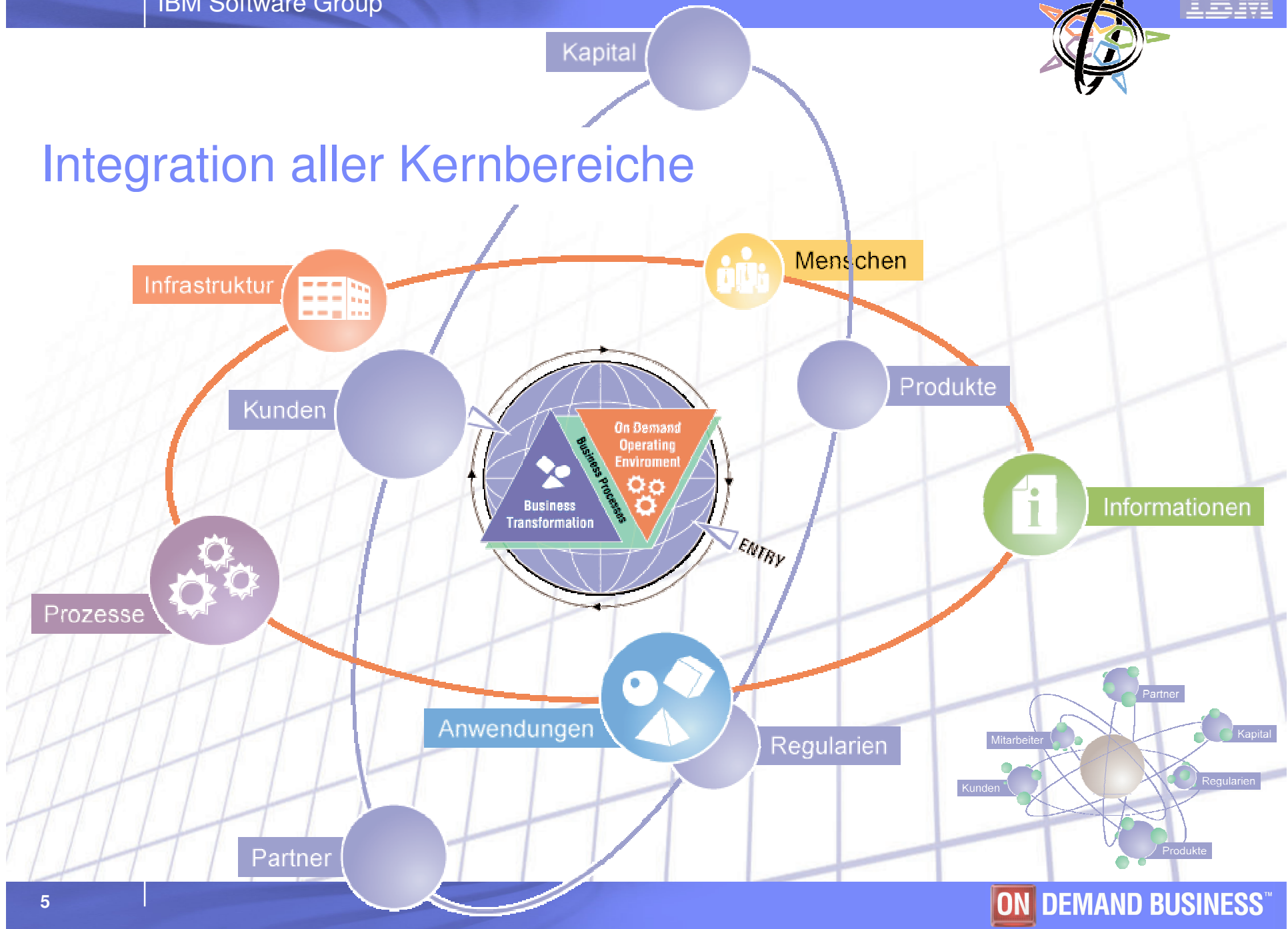


Flexibilität und Reaktionsfähigkeit





Integration aller Kernbereiche

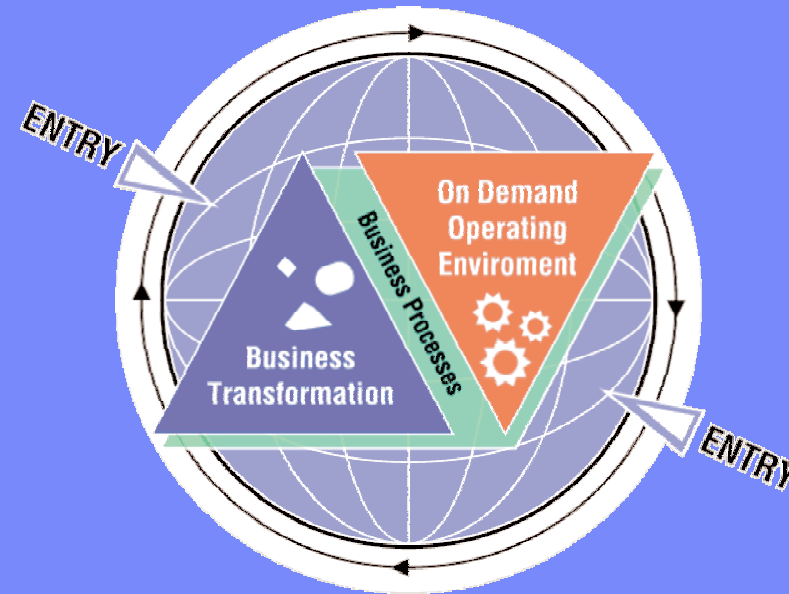




Was ist ein On Demand Business?

Ein On Demand business ist ein Unternehmen das seine **Geschäftsprozesse integriert end-to-end** über Unternehmensgrenzen hinweg mit seinen Geschäftspartnern, Lieferanten und Kunden organisiert hat.

Dieses Unternehmen kann schnell auf veränderte Kundenwünsche, neue Geschäftschancen oder auf äußere Bedrohungen reagieren.





IBM Software ist die Grundlage für On Demand Business

Tivoli software

Sicherer Betrieb und kontrollierte Zugriffe auf die Ressourcen aller Kernbereiche

Lotus software

Workplace und Zusammenarbeit
- Produktivität, Attraktivität und Ergonomie

DB2 Information Management Software

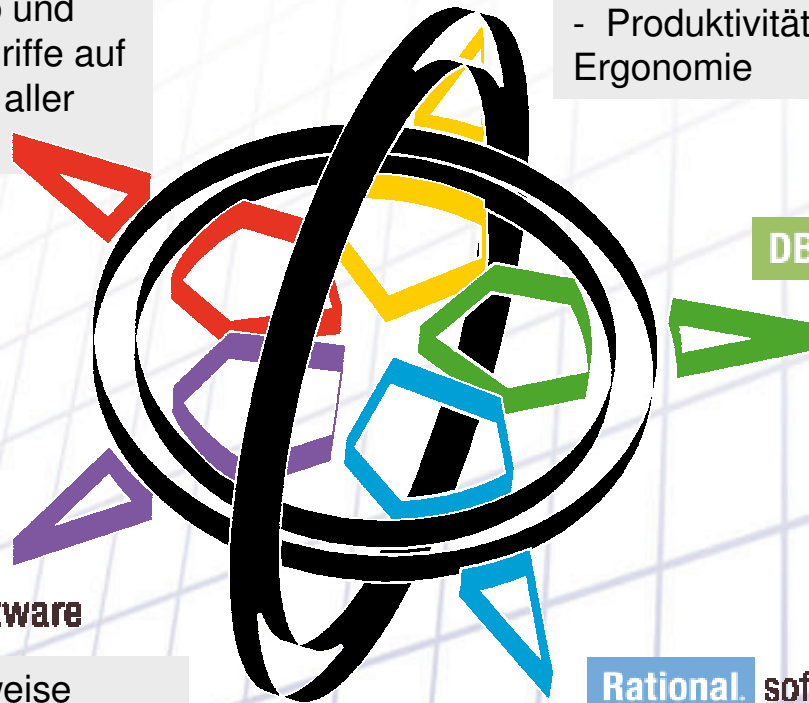
Informations- und Contentmanagement - sichere und auswertbare Geschäftsdaten

WebSphere software

Flexible, schrittweise Integration von Prozessen und Services / Diensten

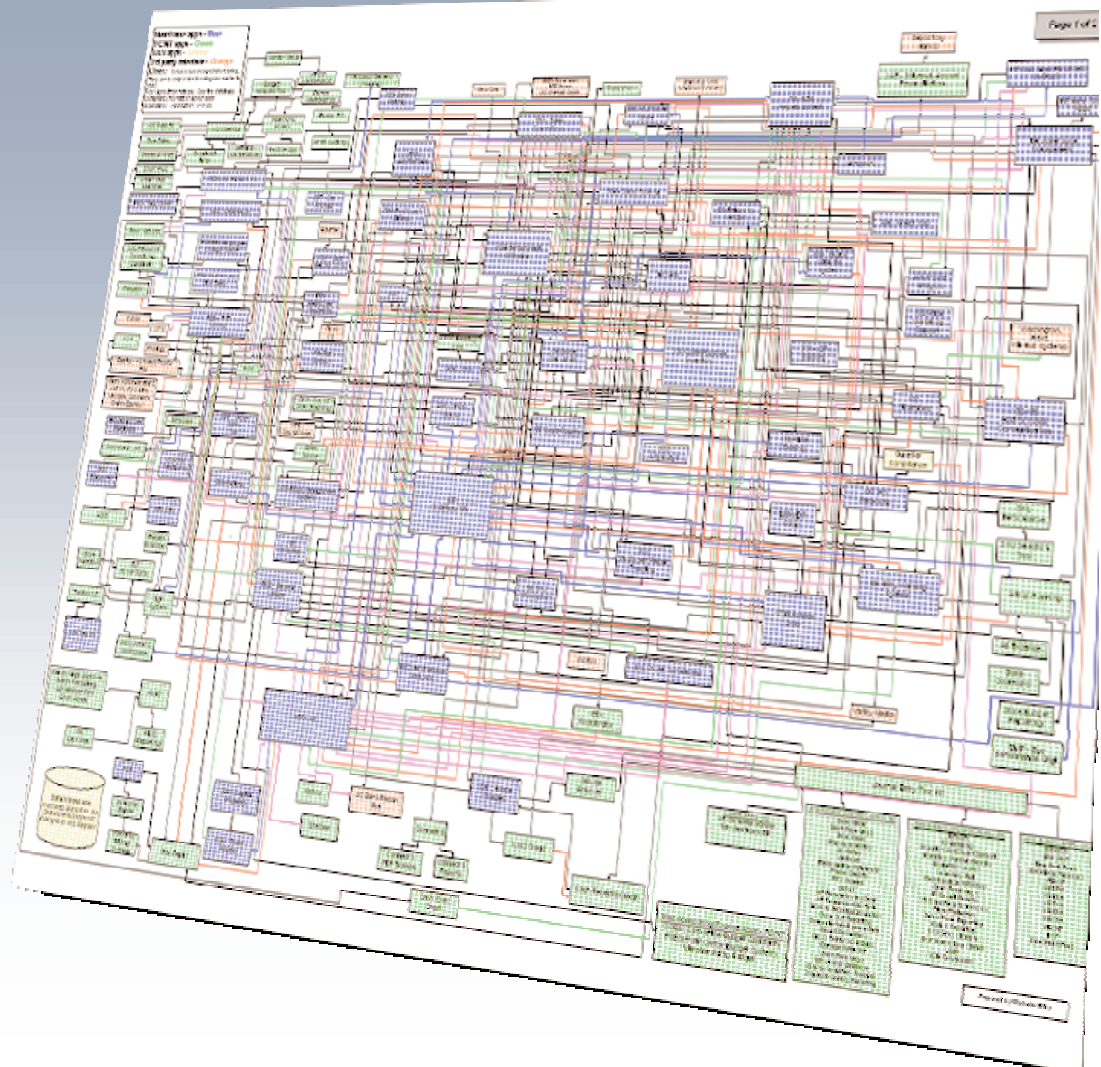
Rational software

Geschäfts- und prozeßorientierte Anwendungsentwicklung sowie Portfoliomanagement



Was hemmt Flexibilität und Wiederverwendung im Business?

- Fehlende Standards für Geschäftsprozesse
- Beschränkte strategische Ausrichtung der IT-Architektur
- Punktuelle Anwendungskäufe zur Unterstützung redundanter LOB-Anforderungen
- Infrastruktur ohne Roadmap erstellt





Komplexes Business erfordert flexible Architekturen

Flexibles Business

Flexible IT

On Demand Operating Environment

Service Orientierte Architektur (SOA)

Entwicklung

Software-
entwicklung

Infrastruktur

Integration

Management

Infrastruktur
Management

Rational

Lotus

WebSphere

DB2

Tivoli

■ Ziele

- Flexibilität und Belastbarkeit
- Herstellerabhängigkeit vermeiden
- Spielräume maximieren

■ Offene Standards

- Interoperabilität erlauben durch offene Spezifikationen für APIs offene Protokolle und Datenformate

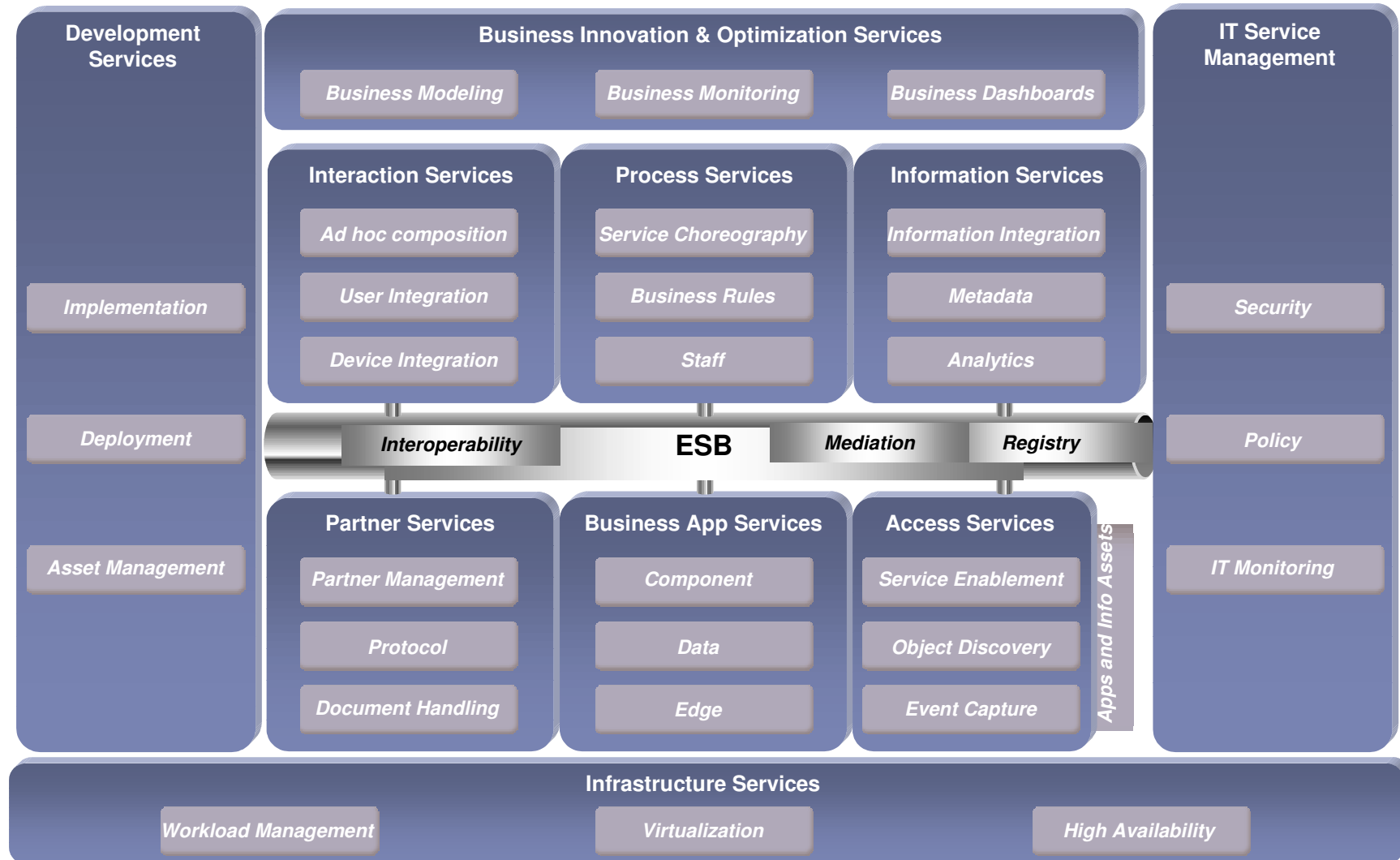
■ Offene Architektur

- Ermöglicht flexible, rekonfigurierbare, wiederverwendbare und austauschbare Lösungen

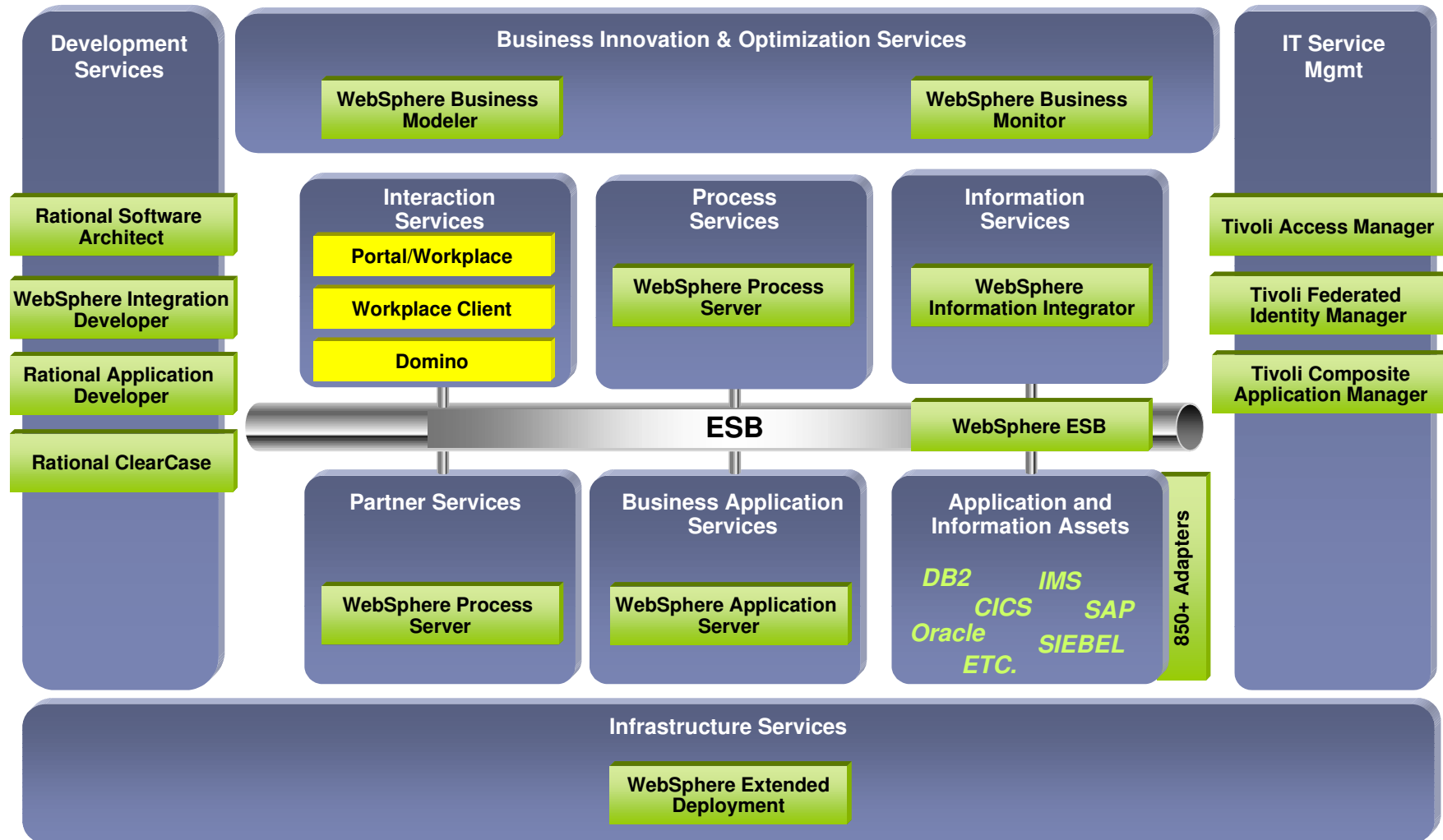
■ Open Source Software

- Offene Standards
- Baut auf die Innovationskraft der Internetgemeinde

SWG SOA Reference Architecture



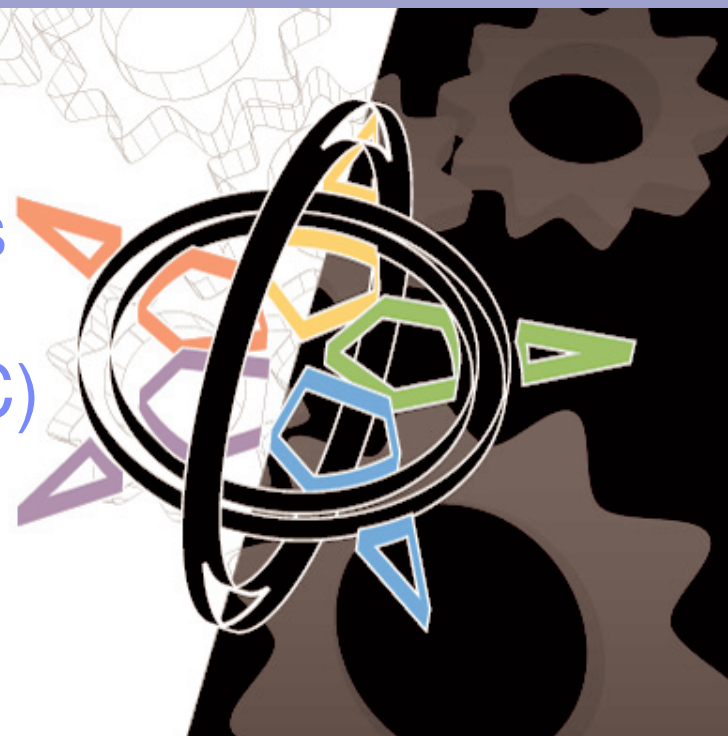
SWG SOA Reference Architecture





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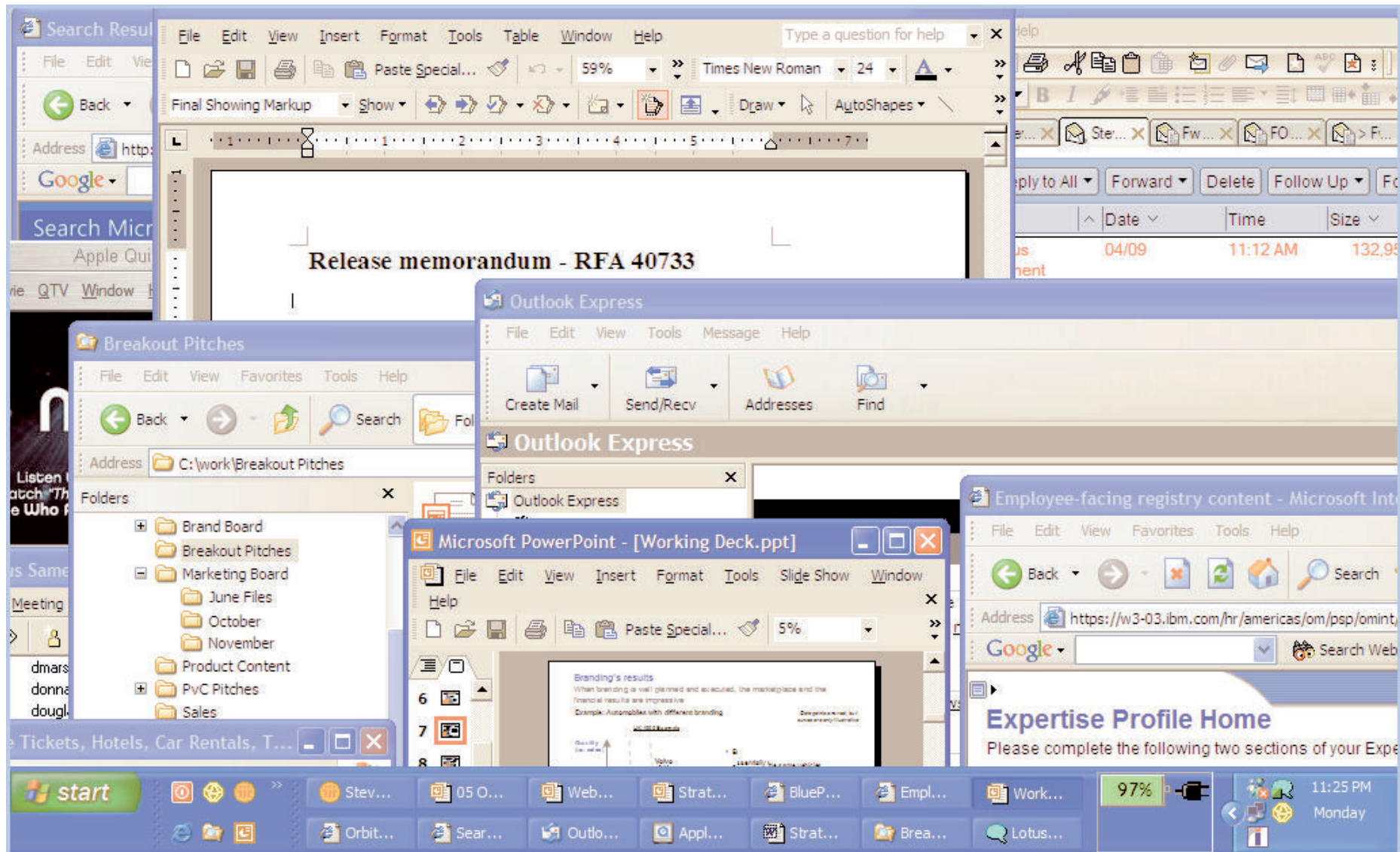
Workplace Collaboration Services und Workplace Managed Client (WMC)



ON DEMAND BUSINESS™

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Heute arbeiten viele so...



IBM Workplace personalisiert die Daten und Prozesse

IBM Workplace_ My Work

My Work Templates Administration Edit my profile Actions Help Log out

My Work HR Documents Collaboration Manager Portal I am available

Inbox

#	Name	Modified
Today Tuesday, February 22 (1 New)		
6	Out of the office Sean Ferrell	3:43P
	If anybody else...	2:50P
	In the DUE database	2:25P
	Andy Sloan	
5	Please let me kno Douglas Star	2:05P
20	I added some...	2:03P
	Sean Ferrell	

Calendar

9:00 - 12:00 Strategy Review
12:00 - 1:00 Lunch with Investors
2:00 - 3:00 Technical Task Force

April

Su	Mo	Tu	We	Th	Fr	Sa
27	28	29	30	31	1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30

Client Details

★★★★★ Customer Number: 2245-8870-236

Contact Info: 12809 Sycamore Lane, Bridgewater, NJ 08807, (H) 908-555-2312

Recent Communication: 12/29/2004 8:19PM Daughter just departed college. transition for daughter.

Accounts Mix Overview

Key	Account Number	Account Name	Current Balance	Last Update
Yellow	234786-2999-200-1289	Preferred Checking	\$3,400.00	1/3/2005
Purple	100292-2777-001-2001	Money Market Advantage	\$27,865.00	10/20/2004
Pink	100201-2001-100-2992	Savings Platinum	\$6,500.09	12/20/2004
Blue	4356-2992-2999-0000	Visa Gold	\$12,345.00	1/2/2005
Magenta	200202-2992-277-3553	180 day CD	\$63,090.78	7/8/2004

Relationship Mix

Bar chart showing revenue mix for 4/20/2003, 5/20/2003, and 6/20/2003. The Y-axis ranges from \$0 to \$70,000.00. The chart shows four categories of revenue (Yellow, Purple, Pink, Magenta) for each date.

Documents for Review

- Strategy Review Slides (Microsoft Powerpoint Pres..., 1,704 KB)
- Technical Taskorce Report (Adobe Acrobat Document, 633 KB)
- Status Report (Microsoft Word Document, 468 KB)

Contacts

Friends

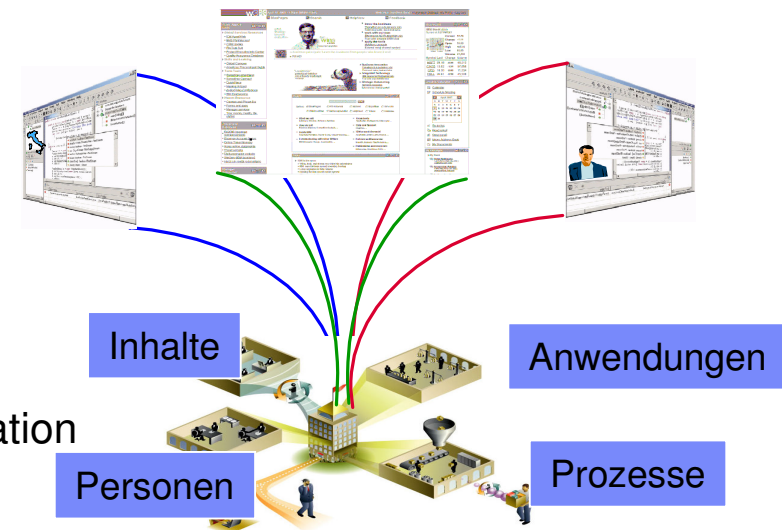
- Meggan Grupo
- Charlie Notting
- Bob Morris
- Denise Shay

Revenue Scorecard

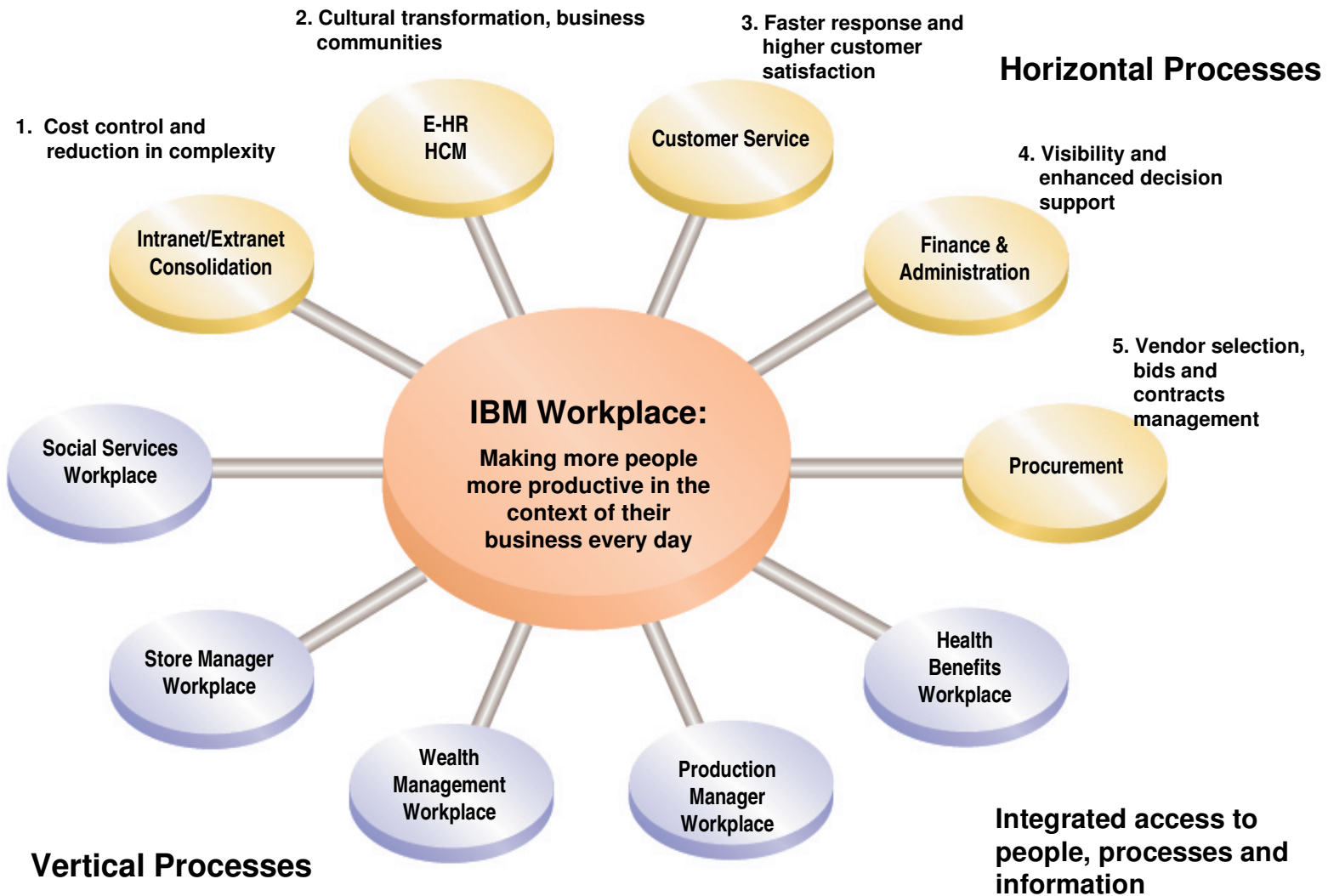
Bar chart showing revenue scorecard for 4/20/2003, 5/20/2003, and 6/20/2003. The Y-axis ranges from 25 to 40. The chart compares Target (Green) and Actual (Blue) revenue for each date.

Was ist Workplace

- Eine Familie von integrierten, kollaborativen Produkten, die eine höhere Leistung ermöglichen.
- Beinhaltet Funktionen wie
 - E-mail,
 - Instant Messaging,
 - Web conferencing,
 - E-learning
 - Dokumentenmanagement und Office-Integration
 - Team-Arbeit
 - etc.
- Personalisierter, ggf. rollenbasierter Arbeitsplatz
- Integration von Personen, Anwendungen, Informationen, Prozessen



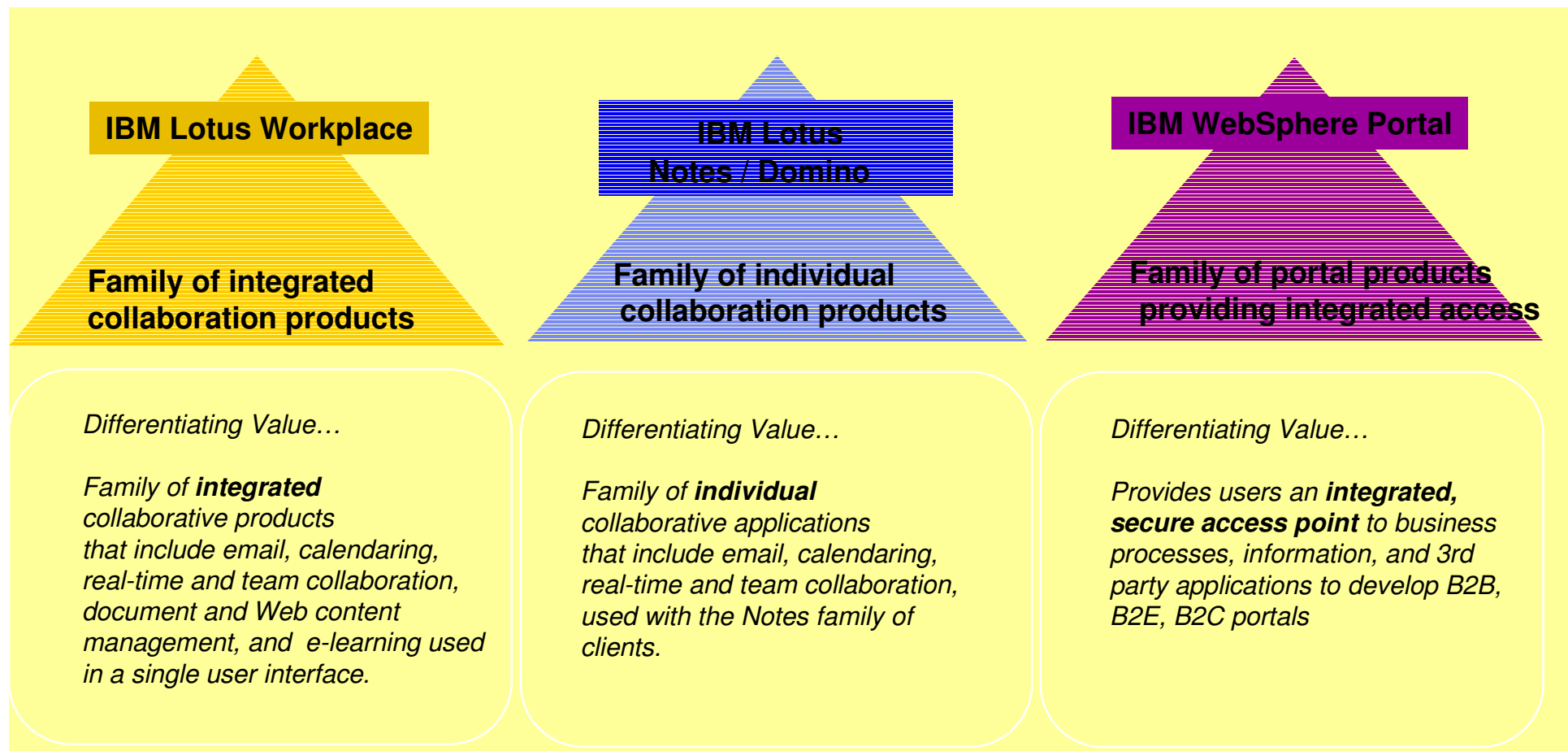
Workplace



Workplace for...

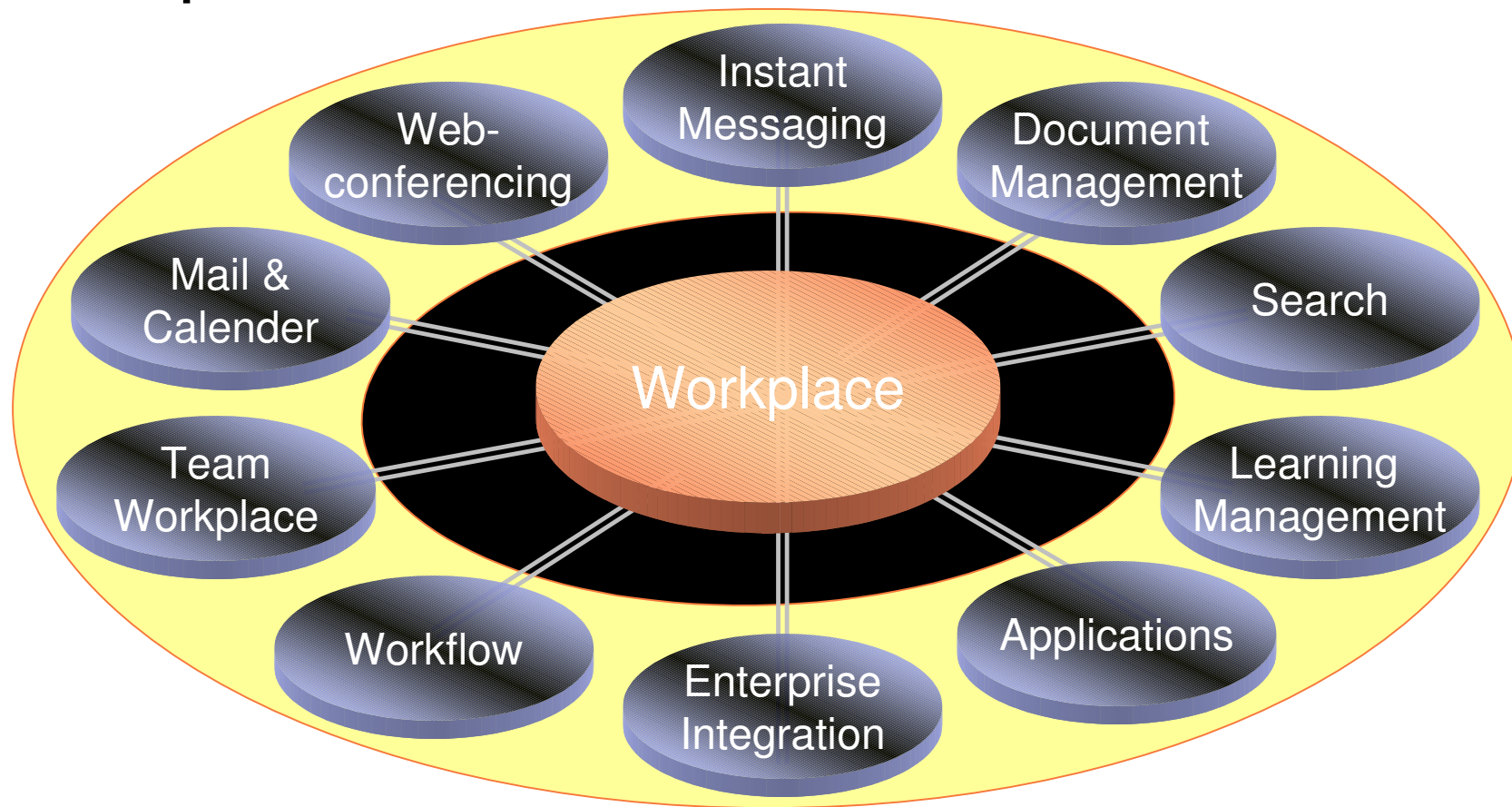
- **IBM Workplace for Automotive Retail and Aftermarket**
- **IBM Workplace for Branch Banking**
- **IBM Workplace for Consumer Products Sales Mgt**
- **IBM Workplace for Electronics Design to Manufacturing**
- **IBM Workplace for Government Case Work**
- **IBM Workplace for Government Citizen Service**
- **IBM Workplace for Healthcare Administration**
- **IBM Workplace for Healthcare Clinicians**
- **IBM Workplace for HR Managers**
- **IBM Workplace for Insurance Claims Management**
- **IBM Workplace for Non-Life Underwriting**
- **IBM Workplace for Retail Advertising, Marketing and Promotions Mgt**
- **IBM Workplace for Retail Merchandise Management**
- **IBM Workplace for Retail Store Operations**
- **IBM Workplace for Retail Supply Chain Management**
- **IBM Workplace for Telecom Contact Center**
- **IBM Workplace for Telecom Field Service**

Lotus Product Families



Lotus Notes/Domino-Produktfamilie

- **Integration der Lotus Domino-Produkte zu einem integrierten Workplace**



[Click here for Welcome Page options](#) ▼



Team

Open Threads

[New Calendar Entry](#)

189 days left

Launch Follow Up

Add Group Remove Group

Web Notes

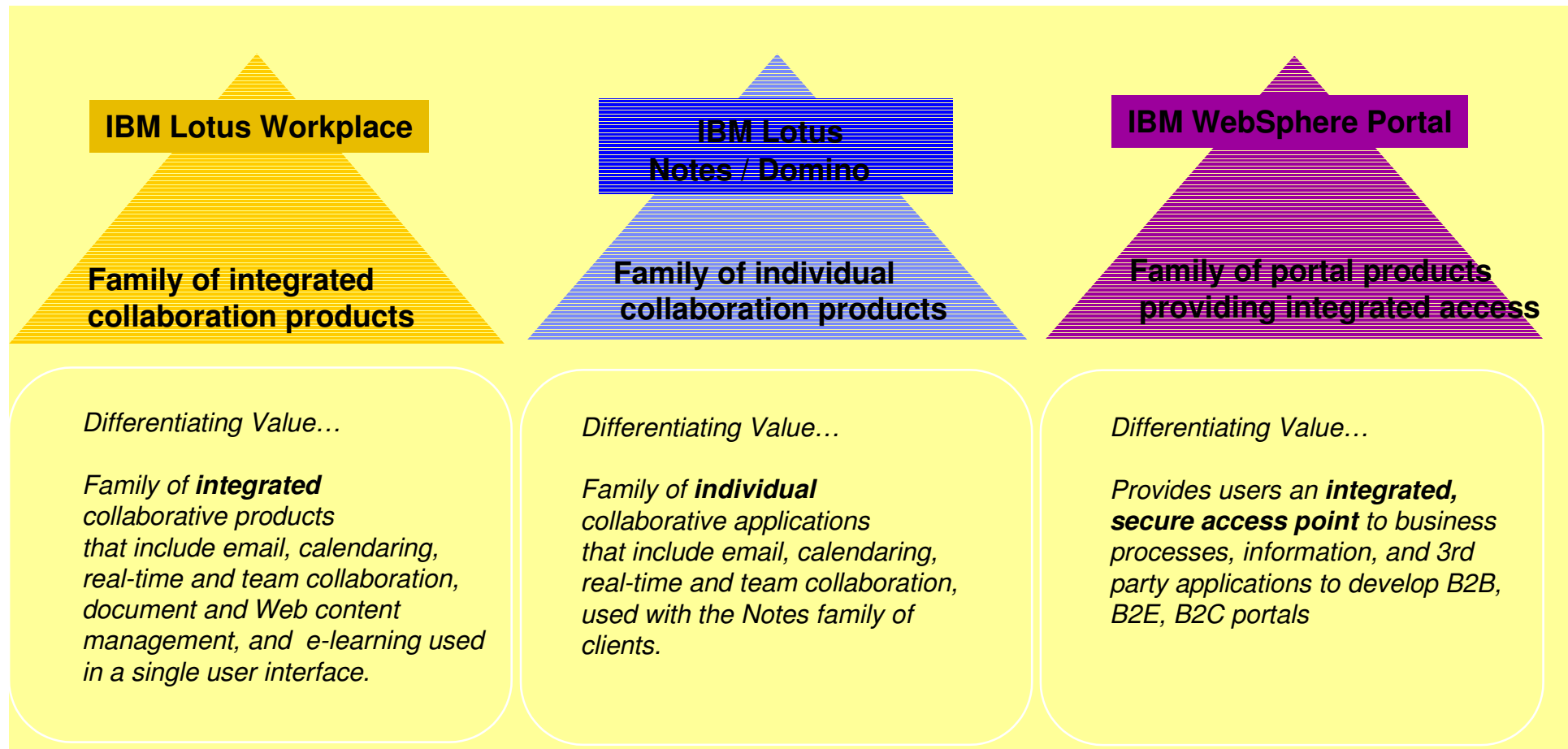
Launcher

- Flash MX
- Fireworks 3
- Application Developer 5
- Roxio Easy CD & DVD C
- TightVNC Viewer (Fast C

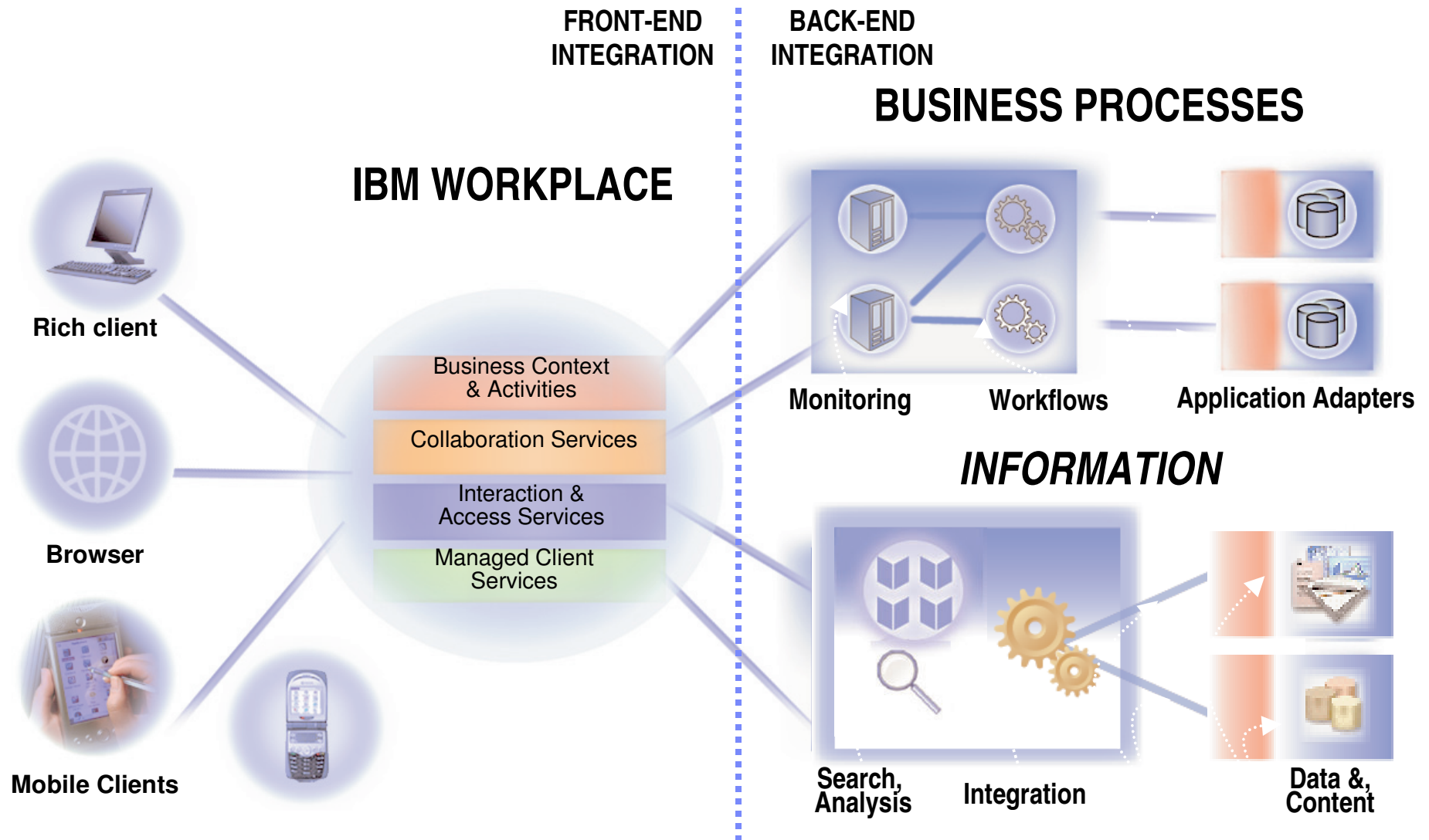
☐ I Am Away

Lotus

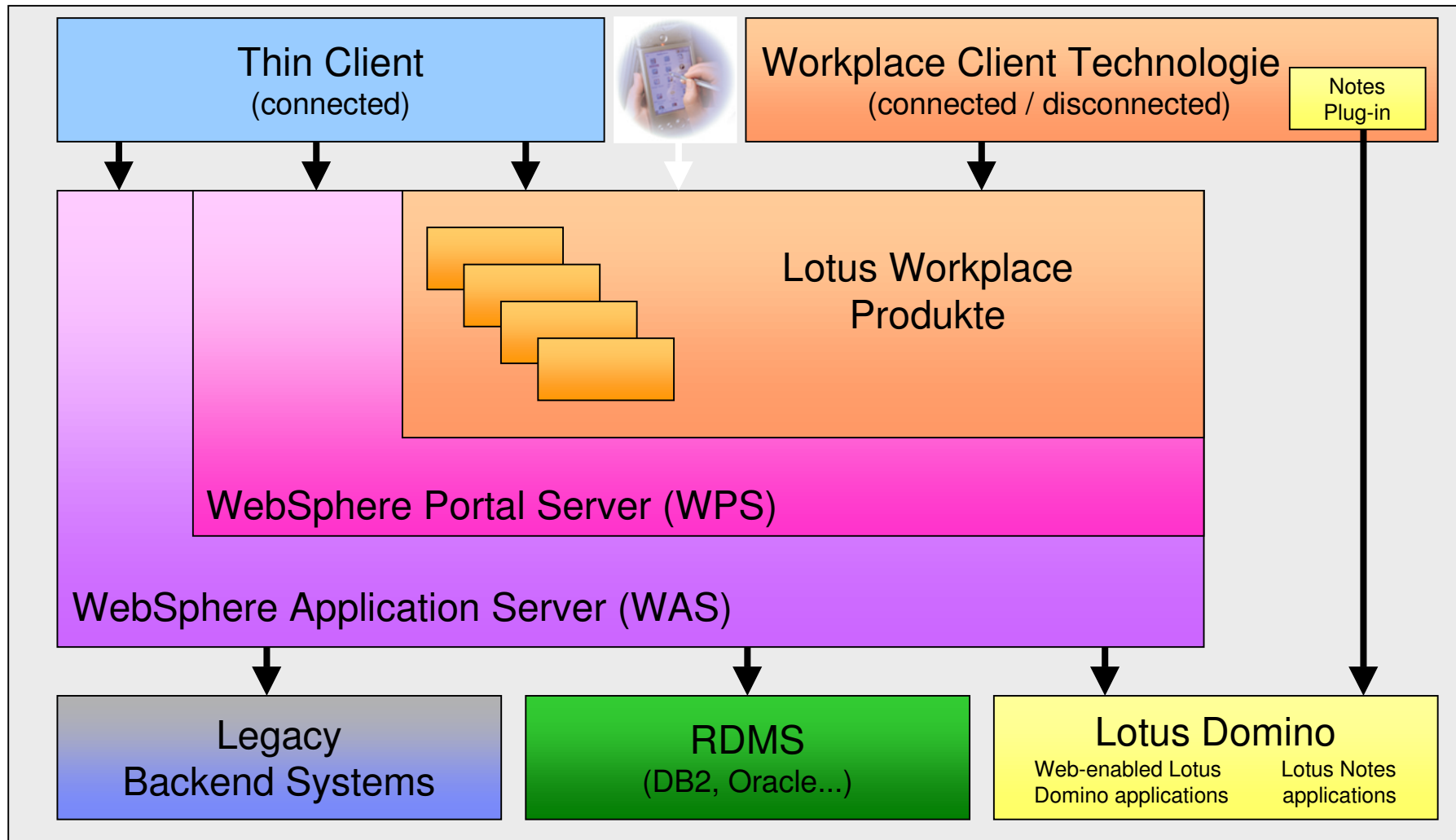
Lotus Product Families

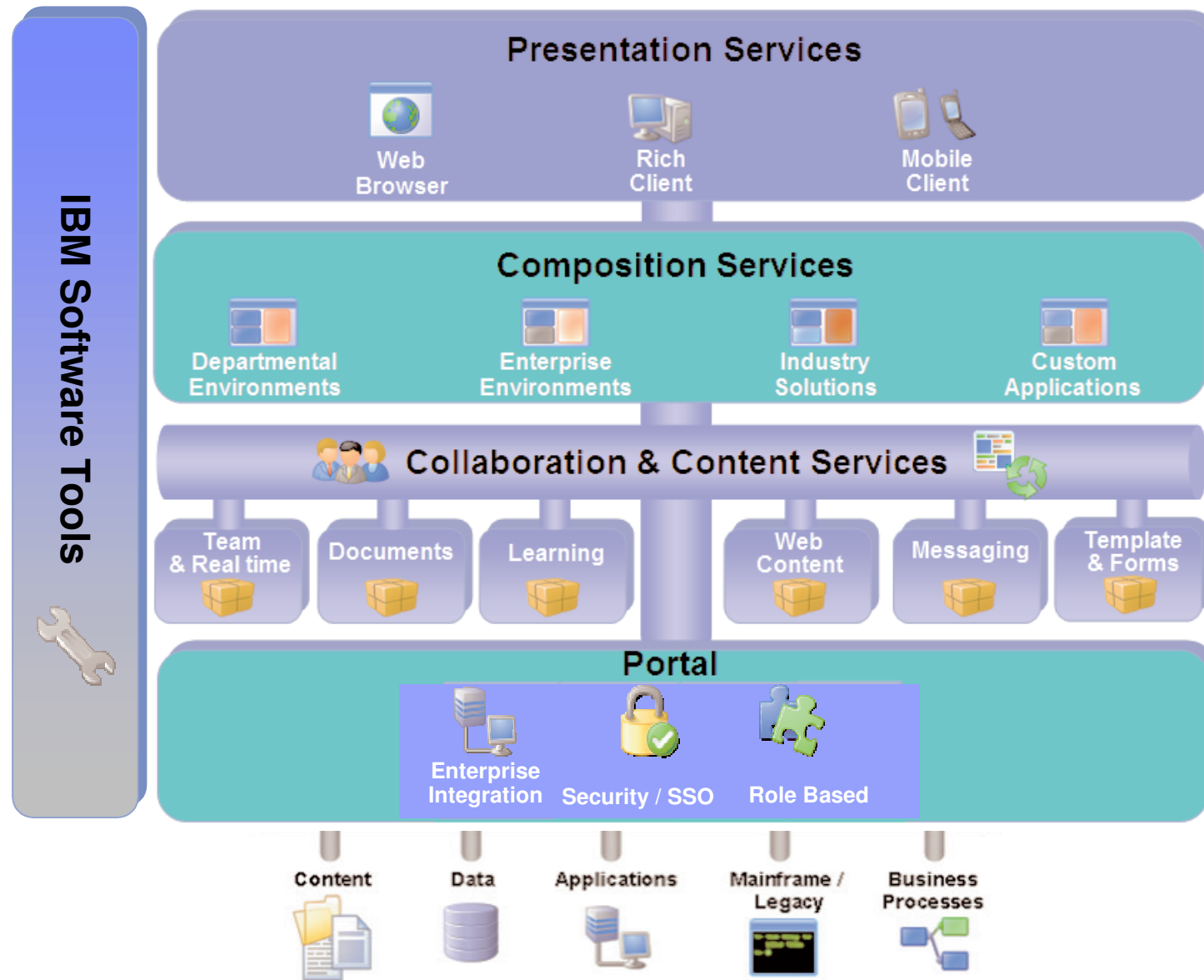


Managed Client Model

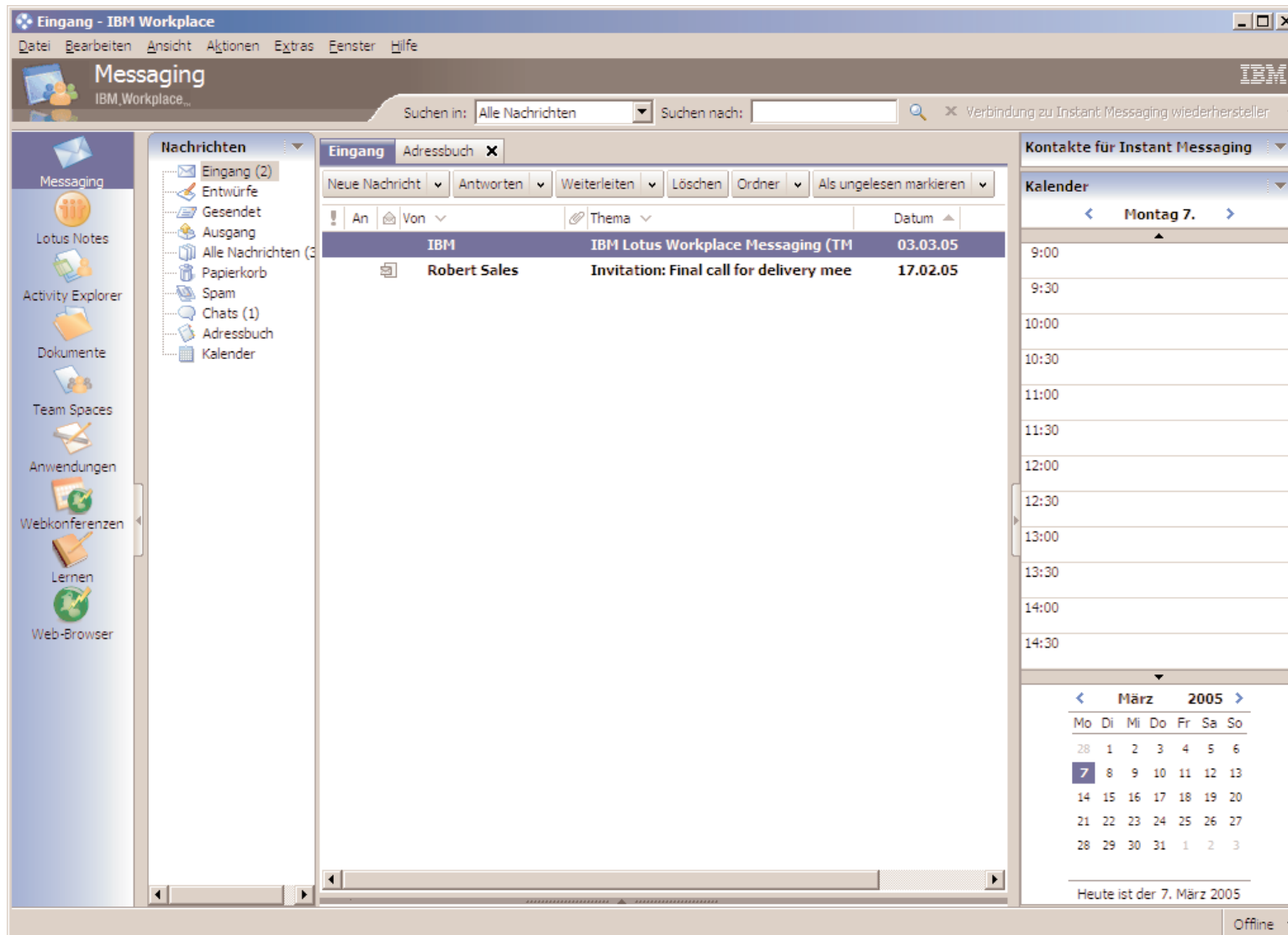


Workplace Architektur





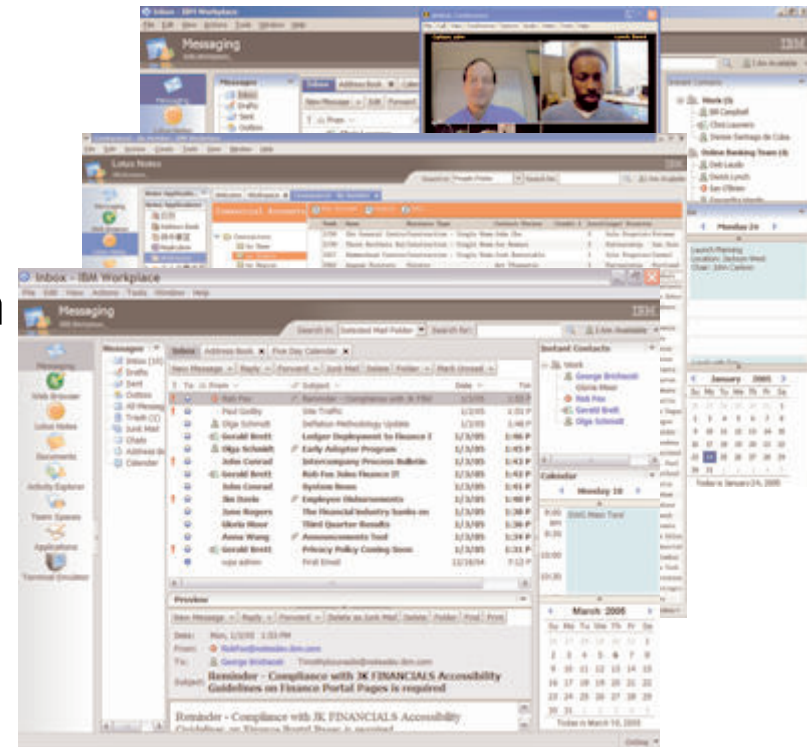
Workplace Client Technologie



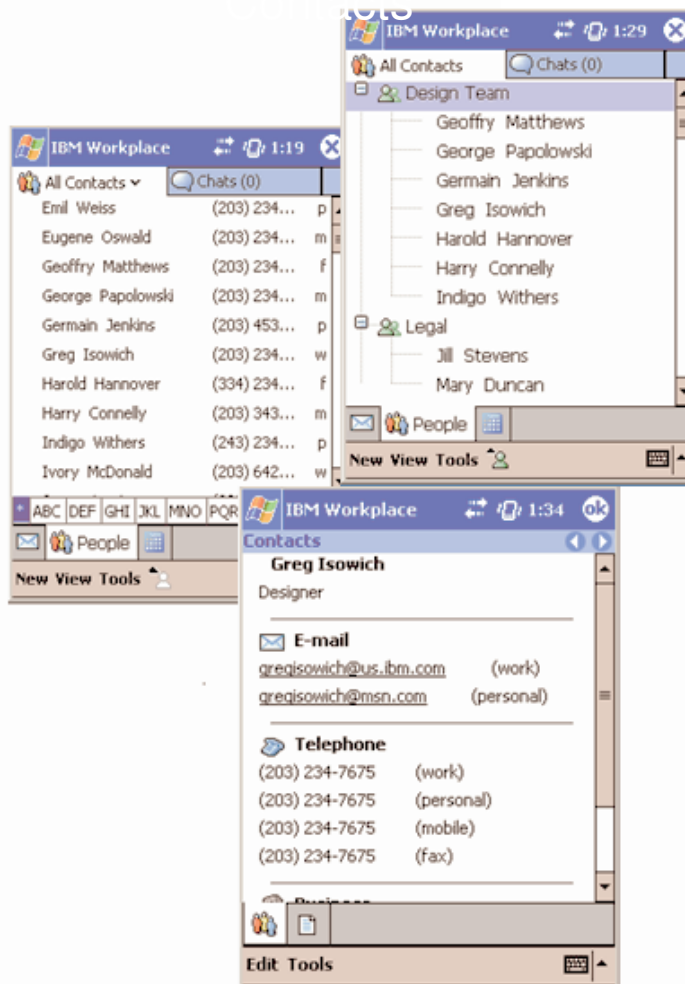
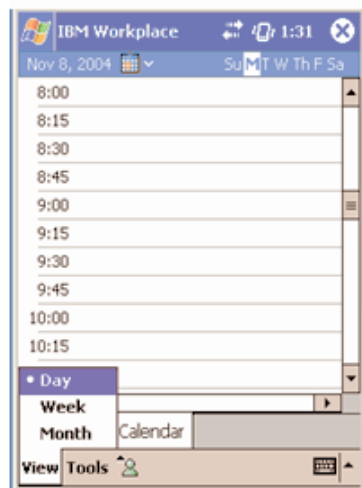
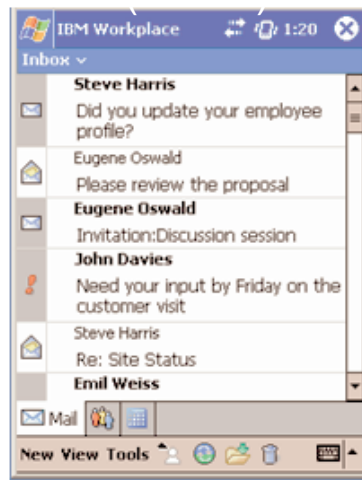
Workplace Client Technologie

Vorteile

- **Eclipse-Client-Technologie**
- **Open Source**
- **Unterstützt Betriebssystemplattform**
 - Windows
 - Linux
 - MAC (geplant)
- **Client-Deployment**
- **Anwendungs-Rollout**
- **Office-Integration (Textverarbeitung, Kalkulation, Präsentation)**
- **Security**



Workplace-Mobile Client





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IBM Workplace Managed Client (WMC) 2.6 Technology Overview



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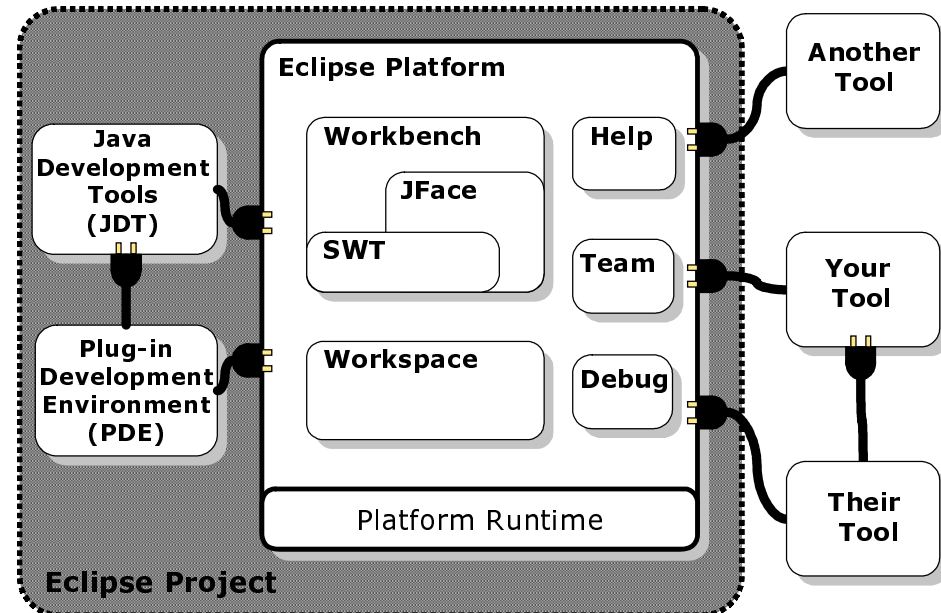
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WMC 2.6 Stack – Eclipse

IBM Workplace Managed Client (WMC) 2.6 is a layered platform with Eclipse 3.02 at the foundation

Eclipse:

- Provides Core Runtime
- OSGi Container
- Rich UI Framework
- Extension Framework
- Multi-platform



Eclipse 3.02+ (with IBM contributions)

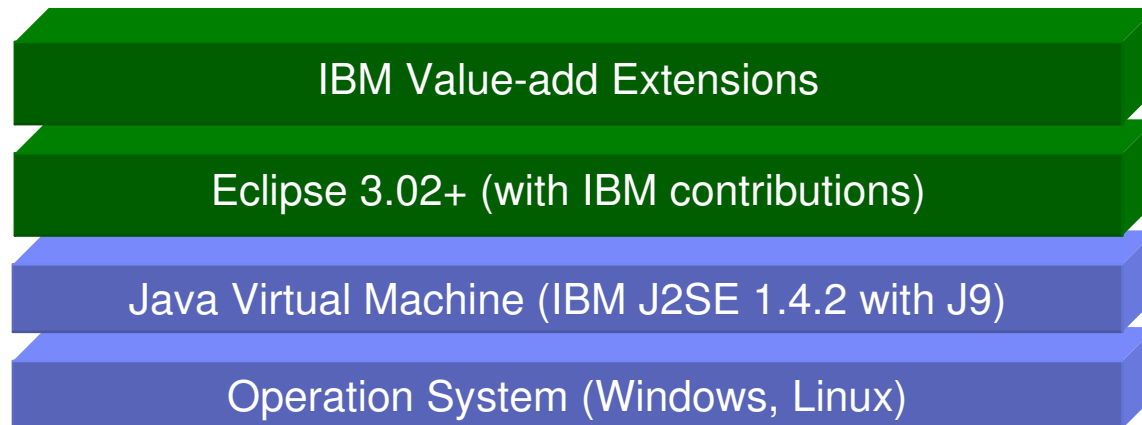
Java Virtual Machine (IBM J2SE 1.4.2 with J9)

Operation System (Windows, Linux)

WMC 2.6 Stack – IBM Value-add Extensions

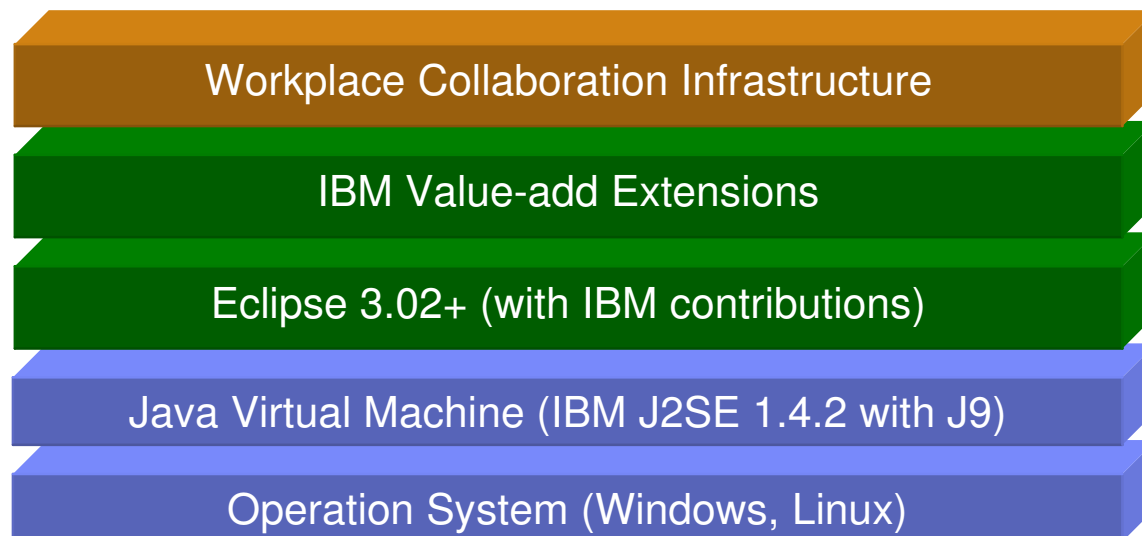
IBM adds many value-add services for building rich applications:

- **Secure Local Credential Store**
- **Encrypted Database (Derby)**
- **Offline Mode**
- **Server-side Application Provisioning**
- **Personalities**
- **Logging**
- **Search Framework**
- **Synchronization Framework**
- **Enhanced Browser with SSO**
- **Enhanced SWT Widgets**
- **Rich Text Widget**
- **Alerts**
- **DB2e**
- **DB2e ISync**
- **MQe**
- **J2EE Web Container**



WMC 2.6 Stack – Workplace Collaboration Infrastructure

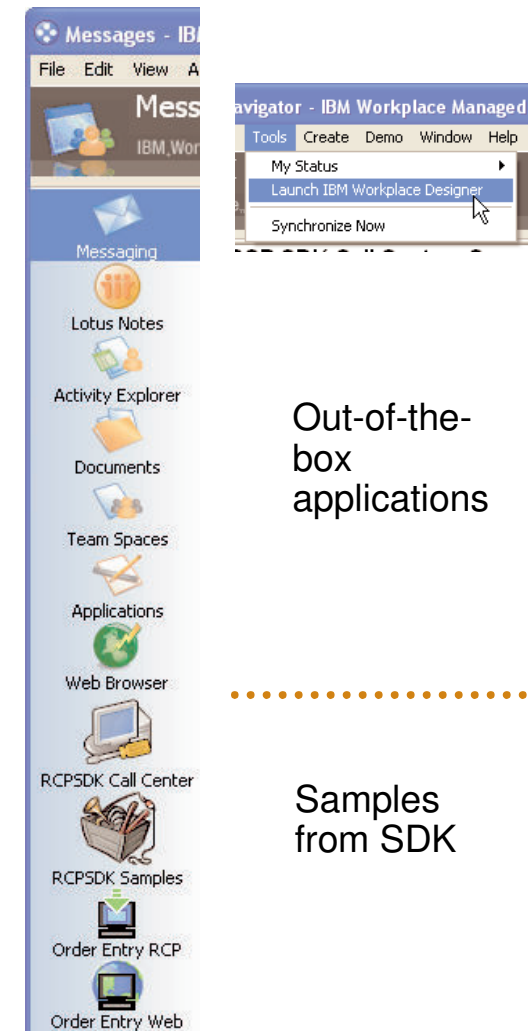
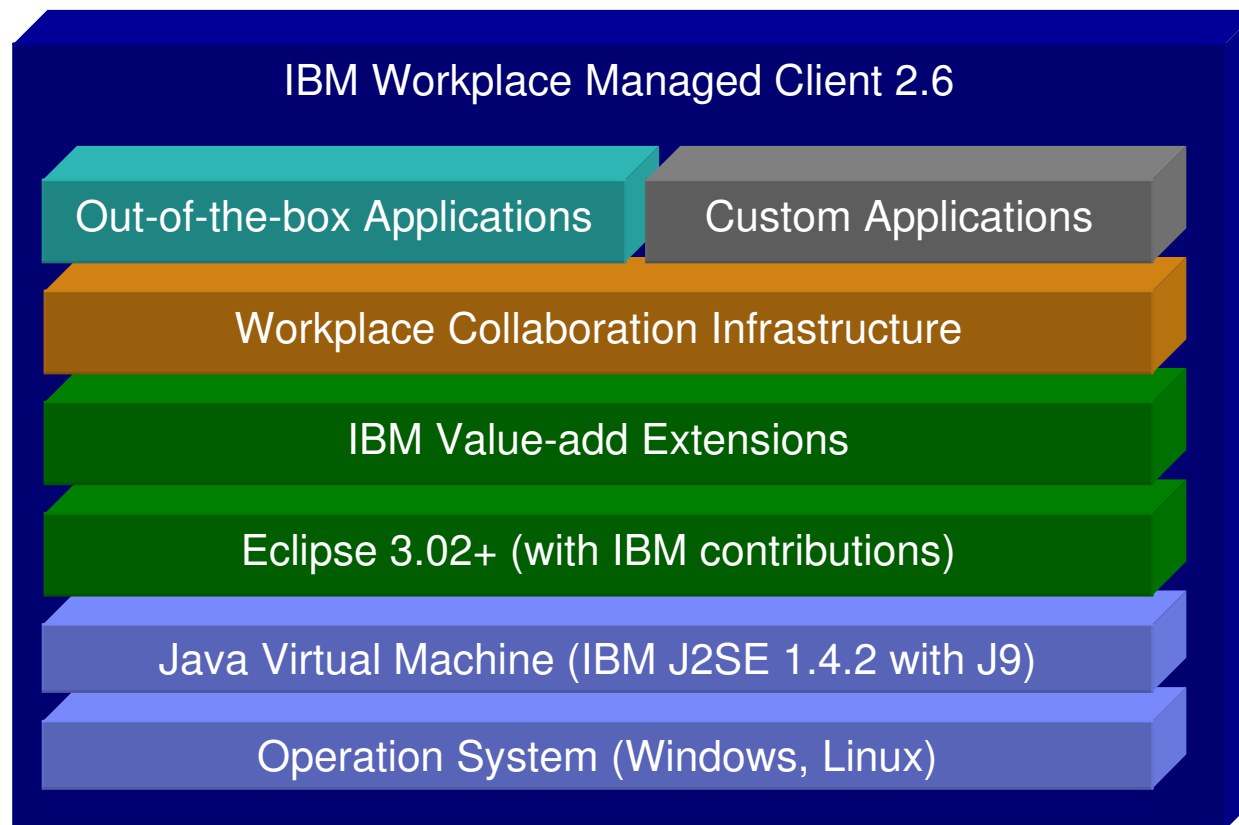
Workplace Collaboration Infrastructure layer provides additional services, branding, and integration with Workplace server-side services



- **Authentication to server-side user registry**
- **Password Management**
- **Policy Manager**
- **IBM Workplace Branding**
- **IBM Productivity Editors**
- **Instant Messaging**
- **Workplace Application Infrastructure**
- **Workplace Collaborative Services API**
 - Mail Service
 - Calendar Service
 - Document Service
 - Discussion Service
 - Web Conference Service
 - Application Service
 - Template Service

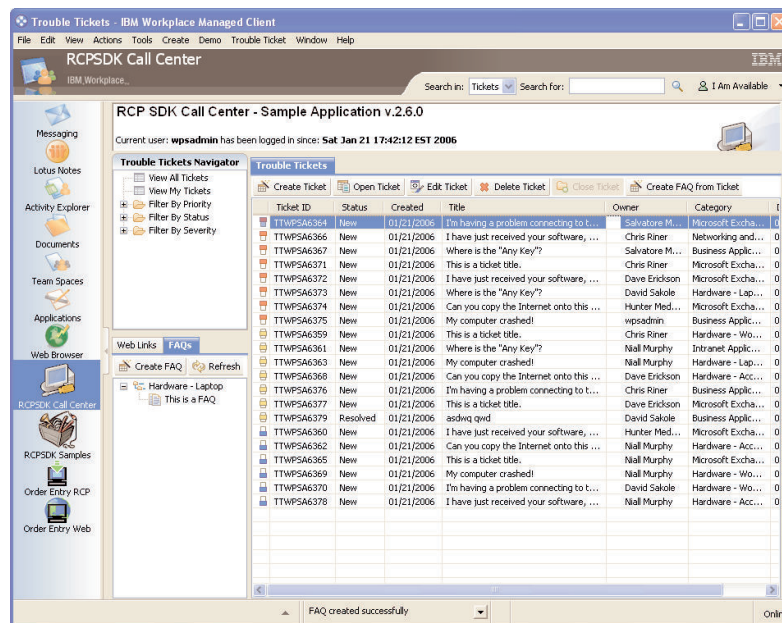
WMC 2.6 Stack - Applications

Applications can use APIs from any of the lower tiers. Additional APIs can be contributed to the platform.



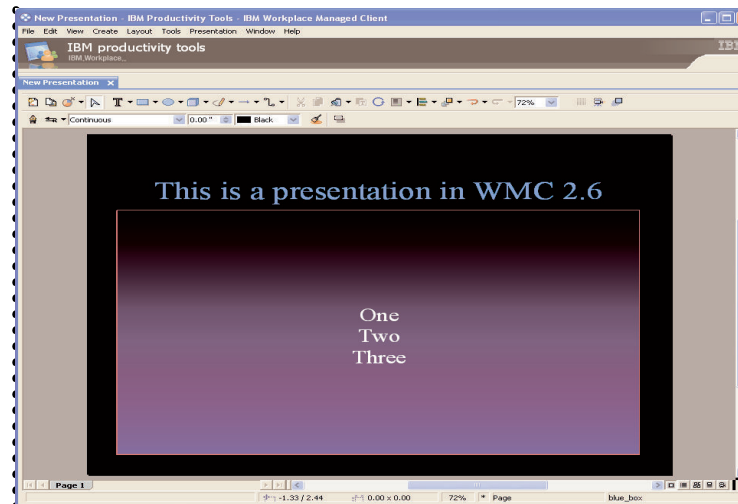
WMC 2.6 Custom Application Types

Pluggable Application



- Default Workplace personality
- Accessed via Application Switcher
- Layout using RCPML

Stand-alone Application



- Custom personality
- Complete control over UI and behavior
- Layout using perspective class
- Launch from OS
- Example: productivity tools

Demo of Call Center Sample from SDK

Call Center - IBM Workplace

File Edit View Actions Tools Create Demo Window Help

RCPSDK Call Center

Search in: Tickets Search for: I Am Available

RCP SDK Call Center - Sample Application v.2.5.0

Current user: wpsadmin has been logged in since: Thu Mar 10 19:37:24 PST 2005

Trouble Tickets Navigator

- View All Tickets
- View My Tickets
- Filter By Priority
- Filter By Status
- Filter By Severity

Web Links **FAQs**

- Create FAQ
- Refresh
- Hardware - Workstation
- Networking and Internet

Trouble Tickets

Create Ticket Open Ticket Edit Ticket Delete Ticket Close Ticket Create FAQ from Ticket

Ticket ID	Status	Created	Title	Owner	Category
TTWPSA4894	New	03/10/2005	Can you copy the Internet onto this ...	Hunter Medney	Hardware - Lap...
TTWPSA4896	New	03/10/2005	I'm having a problem connecting to t...	wpsadmin	Hardware - Acc...
TTWPSA4897	New	03/10/2005	This is a ticket title.	Chris Riner	Hardware - Acc...
TTWPSA4900	New	03/10/2005	Can you copy the Internet onto this ...	Raj Balasubram...	Hardware - Acc...
TTWPSA4902	New	03/10/2005	I'm having a problem connecting to t...	David Sakole	Networking and...
TTWPSA4903	New	03/10/2005	This is a ticket title.	Hunter Medney	Intranet Applic...
TTWPSA4906	New	03/10/2005	Can you copy the Internet onto this ...	wpsadmin	Microsoft Excha...
TTWPSA4907	New	03/10/2005	My computer crashed!	Niall Murphy	Hardware - Acc...
TTWPSA4910	New	03/10/2005	I have just received your software, ...	Raj Balasubram...	Business Applic...
TTWPSA4891	New	03/10/2005	This is a ticket title.	Chris Riner	Networking and...
TTWPSA4893	New	03/10/2005	Where is the "Any Key"?	Raj Balasubram...	Business Applic...
TTWPSA4898	New	03/10/2005	I have just received your software, ...	Hunter Medney	Business Applic...
TTWPSA4899	New	03/10/2005	Where is the "Any Key"?	David Sakole	Microsoft Excha...
TTWPSA4904	New	03/10/2005	I have just received your software, ...	Niall Murphy	Intranet Applic...
TTWPSA4905	New	03/10/2005	Where is the "Any Key"?	Hunter Medney	Intranet Applic...
TTWPSA4909	New	03/10/2005	This is a ticket title.	wpsadmin	Hardware - Lap...
TTWPSA4892	New	03/10/2005	I have just received your software, ...	Hunter Medney	Microsoft Excha...
TTWPSA4895	New	03/10/2005	My computer crashed!	Salvatore Mazz...	Hardware - Acc...
TTWPSA4901	New	03/10/2005	My computer crashed!	Raj Balasubram...	Intranet Applic...

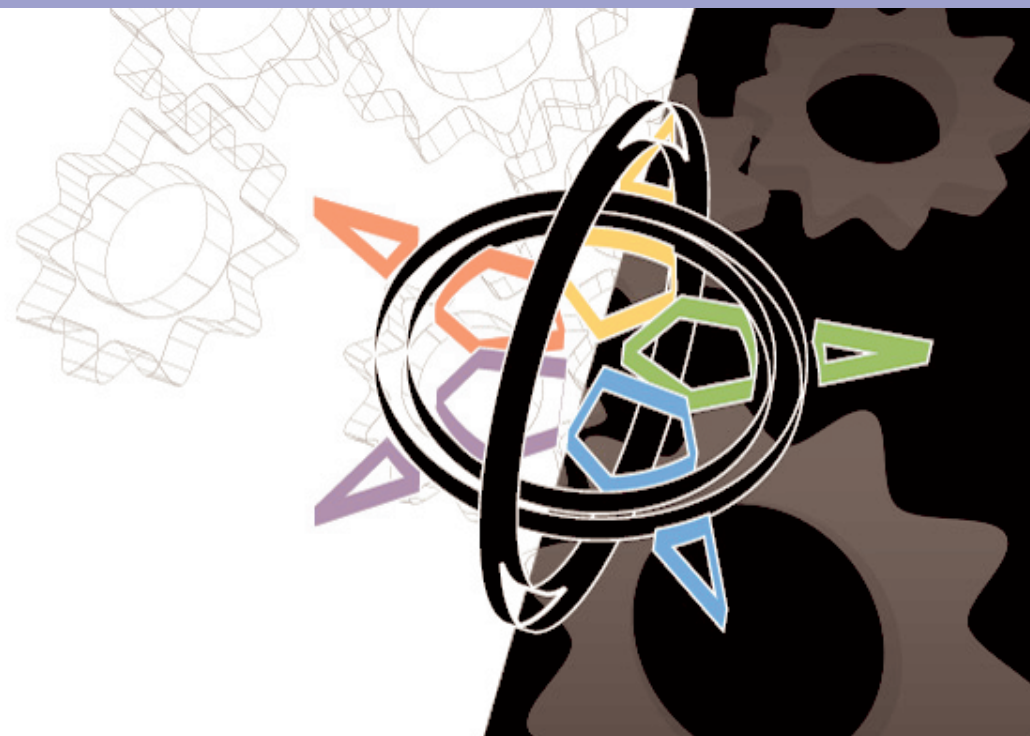
Trouble Ticket deleted successfully

Online



IBM Software Group

Productivity-Tools



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IBM Word Processing Editor

The screenshot shows the IBM Word Processing Editor interface. The top toolbar includes icons for file operations, text formatting, and layout. The document content is as follows:

- ♦ Build a Patio/Deck
- ♦ Finish a Basement/Bonus Room
- ♦ Remodel a Kitchen/Bath
- ♦ Create a Baby Room/Child's Playroom

There are lots of “spin-off” and ancillary sales opportunities associate with these general topics.

Pilot Program

The meet our objective, we piloted a “Do-It-This-Weekend” program - a series of Saturday morning workshops in or Baltimore store. When customers completed a workshop they get a gift certificate for 20% off. Attendance was high; sales were even higher. We now propose to roll out this program worldwide.

We have included a table to display the revenue summary for each workshop in the Baltimore store.

Revenue Summary

Workshop Title	Attendance	Total Sales	Projected WW Revenue
Build a Patio/Deck	107 people	87 customers purchased total of \$266,878	\$33,900,000.00
Finish a Basement/Bonus Room	96 people	91 customers purchased total of	

IBM Spreadsheet Editor

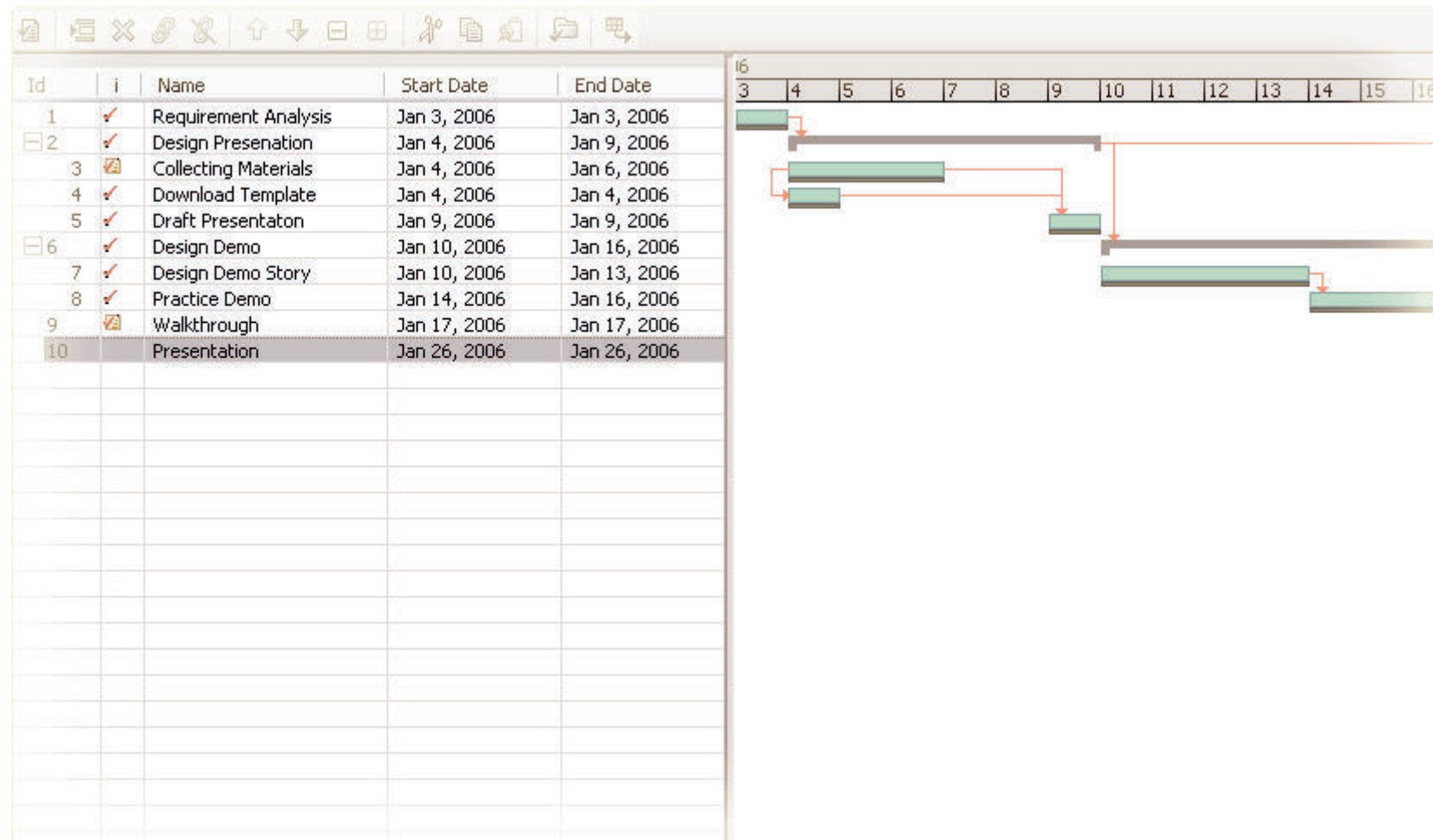
The screenshot shows the IBM Spreadsheet Editor interface. The spreadsheet has two main sections. The first section, 'Build a Patio Deck', starts at row 1 and ends at row 8. The second section, 'Finish a Basement Bonus Room', starts at row 10 and ends at row 17. Each section has a header row with options and a 'Total(s)' column. The data rows follow, showing various metrics like Seats, Attended, Purchase, % of Purchase, Sales, Ave. Sale/Buyer, and % of Total Sales.

	A	B	C	D	E	F	G	H	I	J	K
1	Build a Patio Deck	Option A	Option B	Option C	Custom	1 Month	3 Months	6 Months	Total(s)		
2	Seats	-	-	-	-	-	-	-	100		
3	Attended	-	-	-	-	-	-	-	107		
4	Purchase	33	26	7	5	9	3	4	87		
5	% of Purchase	38%	30%	8%	6%	10%	3%	5%	100%		
6	Sales	\$79,383	\$62,609	\$23,915	\$42,502	\$17,780	\$14,050	\$11,640	\$251,879		
7	Ave. Sale/Buyer	\$2,406	\$2,408	\$3,416	\$8,500	\$1,976	\$4,683	\$2,910			
8	% of Total Sales	32%	25%	9%	17%	7%	6%	5%	100%		
9											
10	Finish a Base-ment Bonus Room	Option A	Option B	Option C	Custom	1 Month	3 Months	6 Months	Total(s)		
11	Seats	-	-	-	-	-	-	-	100		
12	Attended	-	-	-	-	-	-	-	96		
13	Purchase	45	19	13	5	2	4	3	91		
14	% of Purchase	49%	21%	14%	5%	2%	4%	3%	100%		
15	Sales	\$68,913	\$59,812	\$41,851	\$53,321	\$12,350	\$19,455	\$10,568	\$266,269		
16	Ave. Sale/Buyer	\$1,531	\$3,148	\$3,219	\$10,664	\$6,175	\$4,864	\$3,523			
17	% of Total Sales	26%	22%	16%	20%	5%	7%	4%	100%		
18											

IBM Presentation Editor



IBM Project Planner



IBM Productivity Tools

The screenshot shows the IBM Productivity Tools interface. The title bar reads "Fall Market Plan - IBM Productivity Tools - IBM Workplace". The menu bar includes File, Edit, View, Create, Layout, Tools, Table, Window, and Help. The tab bar shows "Fall Market Plan", "Weekend Promo", "In Store Promo", and "Buyers Promos". The main toolbar contains various icons for text, table, and layout editing. The object toolbar includes icons for alignment and zoom. The main editing area contains the following text and table:

When customers completed a workshop they get a gift certificate for 20% off. Attendance was high; sales were high. We propose to roll out this program worldwide.

We have included a table to display the revenue summary for each workshop in the Baltimore store.

Revenue Summary

Workshop Title	Attendance	Total Sales	Projected WW Revenue
Build a Patio/Deck	107 people	87 customers purchased total of \$266,878	\$33,900,000.00
Finish a Basement/Bonus Room	96 people	91 customers purchased total of \$443,765	\$66,564,750.00
Remodel a Kitchen/Bath	116 people	103 customers purchased total of \$839,950	\$125,992,500.00
Create a Baby Room/Child's Program	134 people	126 customers purchased total of \$603,000	\$90,450,000.00

Promotion Themes

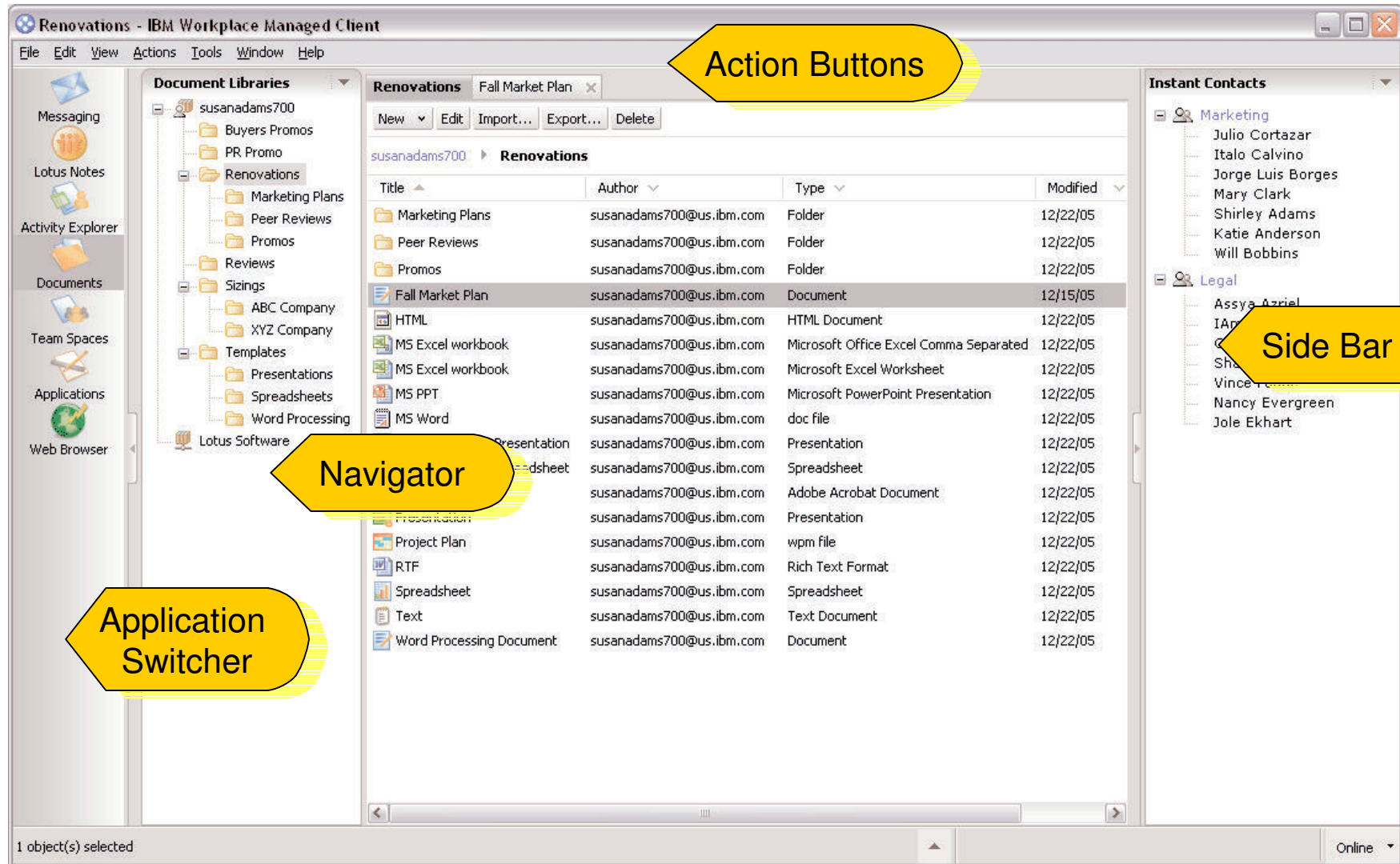
For the worldwide campaign, we will need to prepare a series of promotional brochures, web and print ads, media commercials and so forth. The ads will serve to entice new customers, keep existing customers coming back, and demonstrate Renovations' value add over the competition.

Renovations

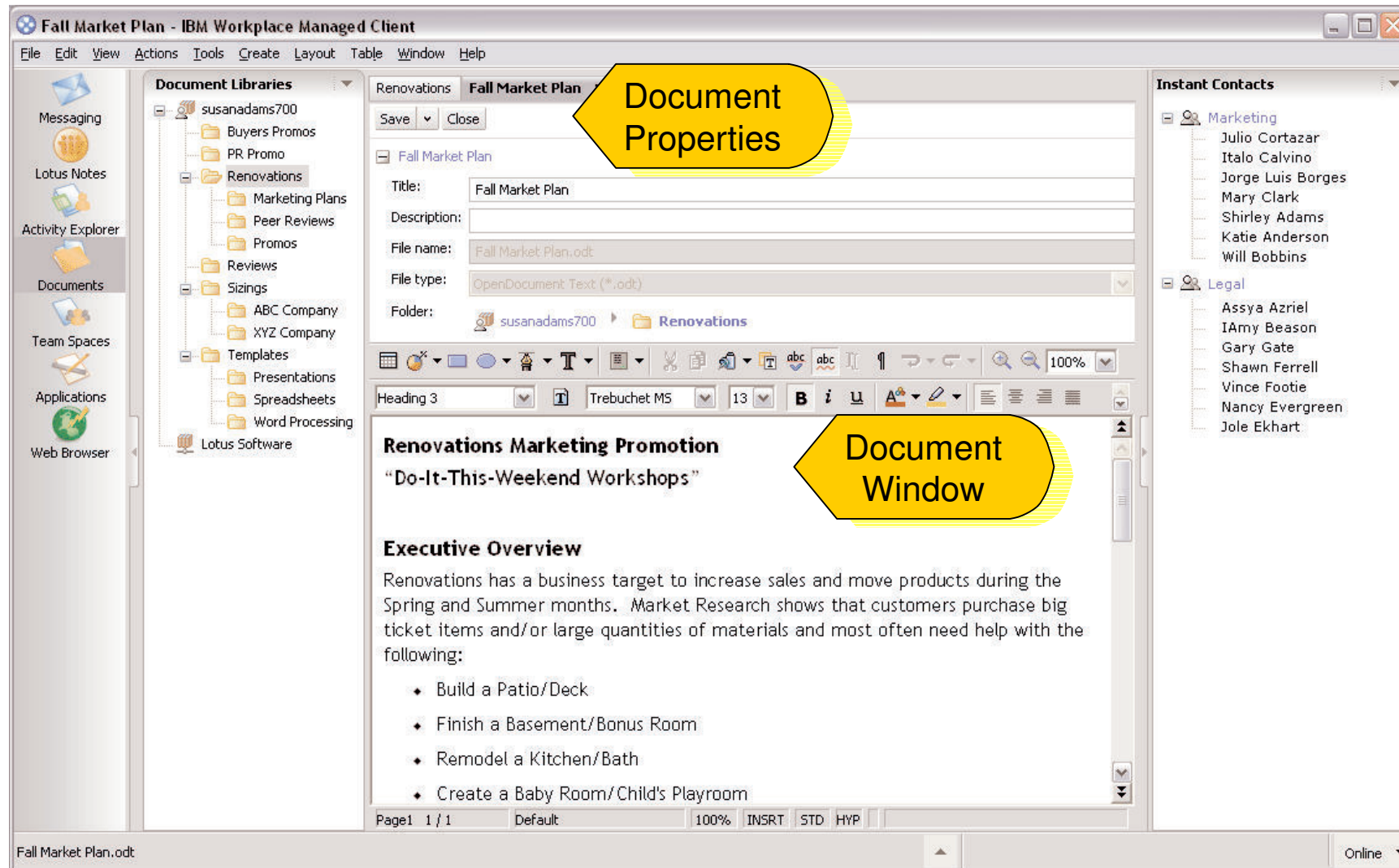
Receive a 20% discount coupon good for 6 months on all purchases.

The status bar at the bottom shows "Page1 1 / 1", "Default", "100%", "INSRT", "STD", "HYP", and "Status Bar".

Workplace and Document Management



IBM Productivity Tools in Workplace Documents



Administration and Policy

The screenshot displays the 'WebSphere Administrative Console' within a 'Microsoft Internet Explorer' window. The console's title bar and menu bar are visible. The main content area is titled 'WebSphere Application Server Administrative Console Version 5' and includes a navigation bar with links: Home, Save, Preferences, Logout, and Help. The settings are organized into a table-like structure with three rows of configuration options, each with a checkbox or radio button and a descriptive help text.

Allow IBM productivity tools	☒	Select to allow users to use the word document, spreadsheet, presentation, and
Allow users to run macros in IBM productivity tools	☐	Select to allow rich client users to run macros in the IBM word document, spreadsheet and presentation editors.
Use IBM productivity tools in document libraries	☐ Use only IBM productivity tools ☐ Always use the default tools of the computer. ☒ Use IBM productivity tools for supported file types. Otherwise use the default tools of the computer.	Select one option that may or may not include the use of IBM productivity tools for editing documents in document libraries (rich client only). Supported file types include .doc, .ppt, .xls, .dot, .pot, .xlt, .sxw, .sxi, .sxc, .stw, .sti, .stc, .ods, .ots, .odp, .otp, .odt, .ott.
Allow import of files	☒	Select to allow rich client users to import files into document libraries.
Allow export of files	☒	Select to allow rich client users to export files from document libraries into their file system.

The bottom of the window shows a status bar with 'Done' and 'Internet' icons.

Open Standards Support and File Formats

- **Operating System: Linux and Windows**
- **Plug-in to the Workplace Client platform**
- **Supports multiple file formats**
 - Open-standards-based OO.o and Open Document Format (ODF)
 - Microsoft Office formats
 - Save files to Adobe Acrobat (.pdf) format

Multiple users edit the same document on different clients



Interoperability

■ Interoperability with Microsoft Office

- All four productivity tools can read and write Microsoft Office files
 - Microsoft Office 95/97/2000/XP
 - Microsoft Project XML format Project Planner default
- Word Processing, Spreadsheet and Presentation editors offer a rich feature set providing many capabilities of the Microsoft Office counterparts
- Project Planner, less feature rich, aims to provide simple project management capabilities
- Microsoft Office VBA macros scripts are not supported
 - Can be opened and analyzed, but will not run in IBM Productivity Tools

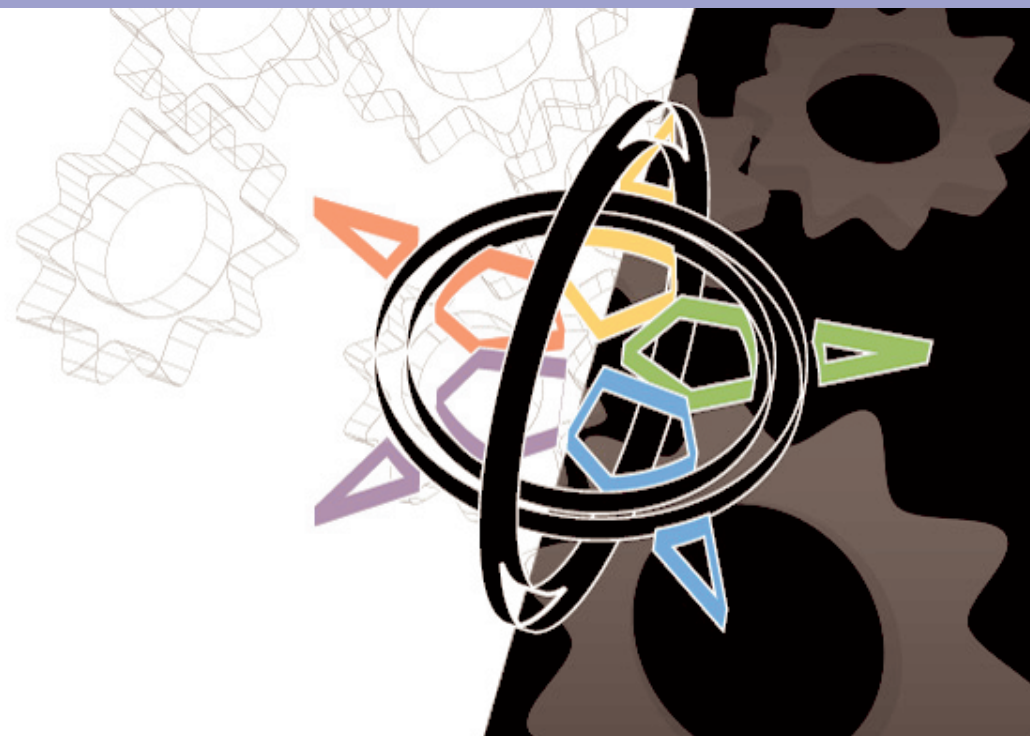
Recap

- **Feature-rich, low-cost alternative**
- **Bundled with the Workplace Managed Client license**
- **Server-managed, easy to deploy and maintain**
- **Secure document store in Workplace Documents**
- **Interoperates with MS Office files**
- **Support for easy file transitions with OASIS Open Document Format (ODF)**



IBM Software Group

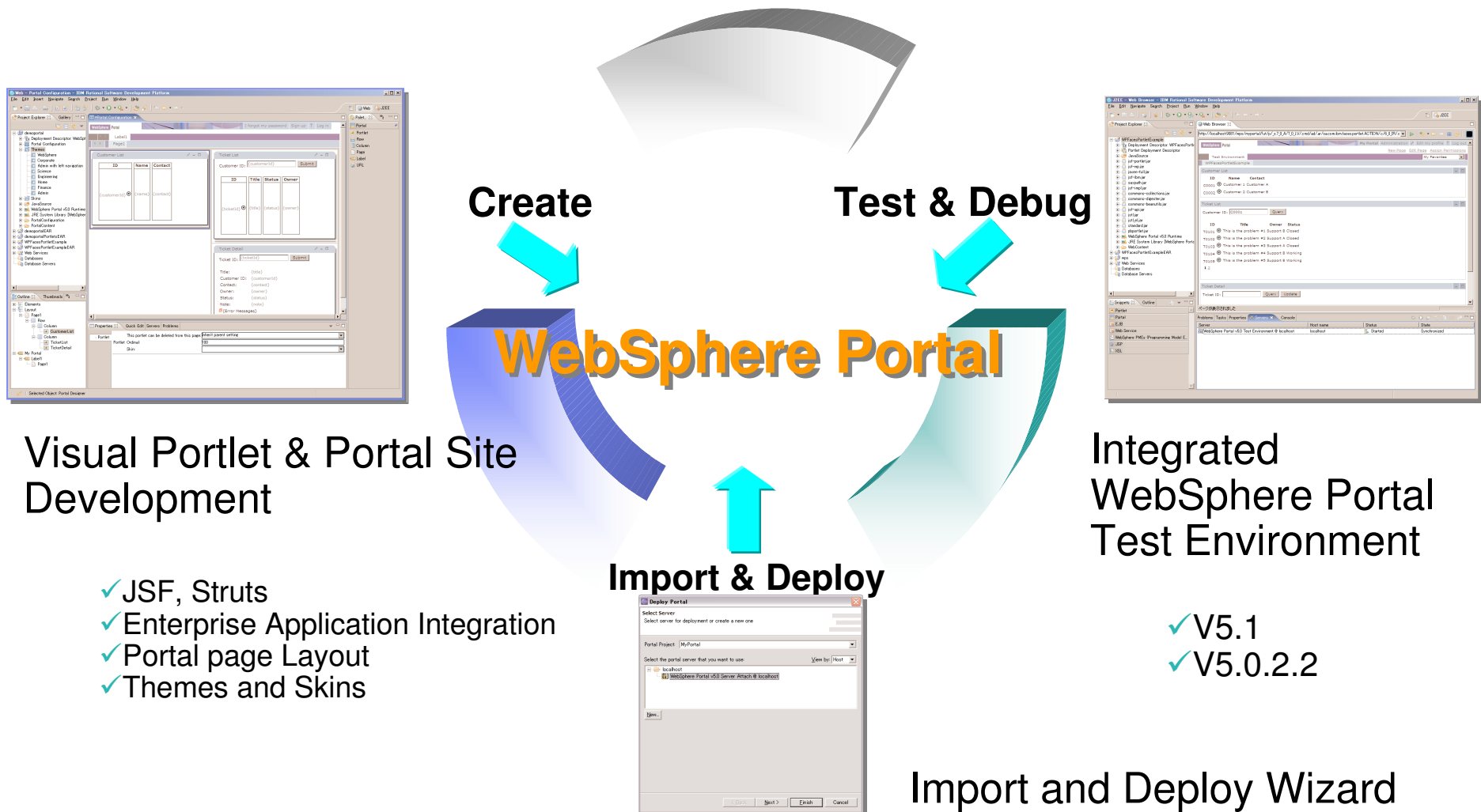
Überblick über Entwicklungstools für Portal und Workplace



ON DEMAND BUSINESS™

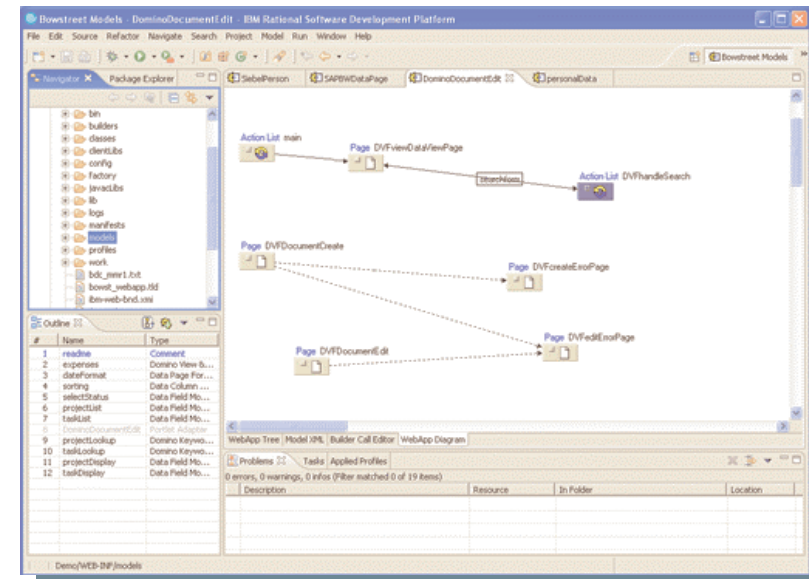
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Rational Application Developer V6



Key Features of Bowstreet Portlet Factory

- **Tight Integration with WebSphere Portal**
(auto deploy portlets, Click-2-Action, People Awareness, SSO)
- **Rational Application Developer plug-in**
- **Multi-page, complex portlets without coding**
- **Robust integration capabilities**
- **Unlimited customization – without the maintenance overhead**
- **Business user configuration**
- **Rapid iteration and change**
- **Automation of *your* code**
- **Flexible deployment options**
- **Robust solution foundation**



“We selected Bowstreet Portlet Factory as a powerful and versatile vehicle for the rapid deployment of high-impact business applications...”

Steve Sacho,
Manager of web and application development
Pfizer Global Manufacturing

IBM Workplace Designer

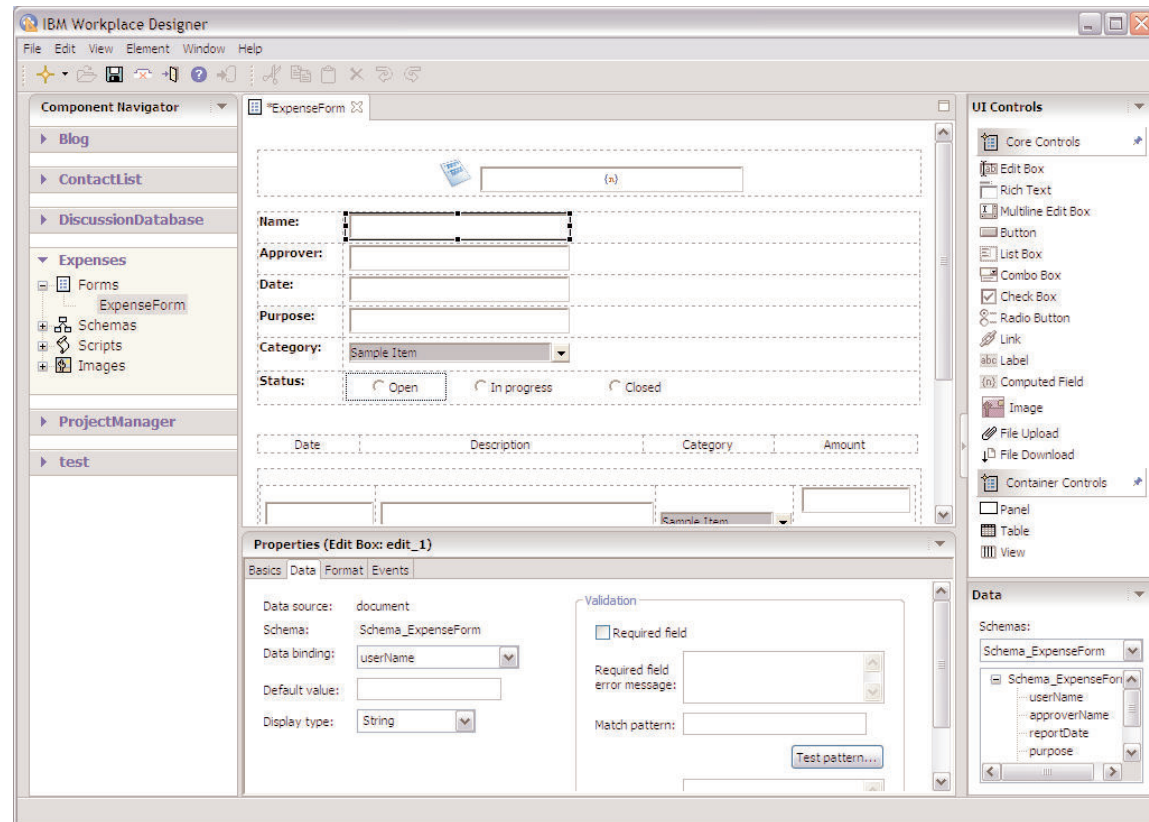
The fastest way to build components for the IBM Workplace environment.

■ Workplace Designer 2.6

- New Trial version available in 1Q06

■ Workplace Designer 3.0

- Focus on enabling partners to build components and extend the tool.
- Expand application runtimes to WMC and WPS, in addition to WCS and WSE.
- Integrate with external data sources and web services.
- Leverage Eclipse (and RAD) as tool runtimes.
- Extend programming model (Property broker, for example, or JCR option).



IBM Workplace Forms

- Forms-based application development is a half a billion dollar business growing double digits!
 - Rich in Value-Add Services
 - We have a Leading eForms solution
 - Process, Content intensive application development
- Our Objectives for our 2Q06 Release:
 - Advance Language and Platform Support
 - Internationalization / Globalization and Server Coverage
 - Increase Browser Client Coverage (e.g. Mac, Linux, Firefox on Windows)
 - Expand integration with key IBM middleware (CM & WorkPlace through Integration connectors)
 - Drive the adoption of XForms as the de-facto standard for e-Forms
 - Deliver XForms enablement in the core Forms product 2Q06
 - Foster Xforms developer community
- Where to Focus:
 - Extend industry focused form solutions
 - Insurance, Banking/Finance, Healthcare, Government, others
 - Broaden support for SMB
 - Integrate with key express offerings such as WSE
 - Extend product functionality for SMB based customers

Mountain-Sure INVESTMENTS Brokerage Account Application

INVESTMENTS Check-Writing Account? ☐ Yes ☒ No ☐ Portfolio Account? ☐ Yes ☒ No ☐

Account Type ☒ Individual ☐ Estate ☐ Partnership ☐ Custodian for a Minor ☐ Collaborative ☐ Additional Documents Required

☐ Joint Tenants ☐ Trust ☐ Corporation ☐ Charitable Organization ☐ Investment Club

Applicant Information Required by SEC Rule 204-2 and SEC Rule 204-3

First Name: [Blank] Last Name: [Blank] SSN: [Blank] Date of Birth: [Blank] Business Phone: [Blank]

Address: 123 Electric Form Ave, Springfield, MA 01101

City: Springfield State: MA Zip: 01101

Employer: [Blank] Occupation: [Blank]

Are you or your applicant employed by a member firm of a stock exchange, national securities dealer or other securities organization? ☐ Yes ☒ No

Flowchart:

- Application for Form, Membership, Trust, or Change
 - Application Requires Docs (do / show attachments button, do / pop up instructions dialog)
 - Application Needs No Docs (do / show attachments button, do / pop up instructions dialog)
- Approving Principal Signature Disabled
 - Approving Principal Signature Enabled

XML Snippet:

```
<applicant>
  <name>Purvis</name>
  <address>
    <city>Springfield</city>
    <state>MA</state>
  </address>
  <occupation>Doctor</occupation>
</applicant>
```

Document: Bylaws of the American Institute of Organizational Development, amended October 10, 2001.

Questions ?



- **Weitere Informationen über IBM Workplace**
 - www.lotus.com/workplace
- **Rebooks für IBM Workplace**
 - www.redbooks.ibm.com/lotus
- **Weitere Informationen über IBM Workplace, WebSphere Application Server, DB2, Portal**
 - www.ibm.com,
- **Informationen über Eclipse**
 - www.eclipse.org

Bernd.schindler@de.ibm.com

Weitere Entwicklungstools

- **Domino Designer**
- **Workplace Template Editor (Workplace Builder)**
- **Workplace Designer**
- **IBM Workplace Collaboration Services API Toolkit 2.5**
- **Portal tools in Rational Application Developer**