NWBC – Overview
Basic information on SAP NetWeaver Business Client

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MARKET TRENDS
The New Face of the Enterprise Service Oriented Architecture

- Mainframe Era (1994)
- Web Applications Era (2006)
- Composites and ESOA Era

Experience Excellence
High-Performance, Rich UI

Operational Excellence
Low vs. High

Text UI vs. Experience Excellence
USERS, ROLES AND BUSINESS REQUIREMENTS

Expert (task) user and information worker personas

Expert User

- Individual contributor w/ structured tasks
- Routine, transactional work
- Use single or few enterprise applications
- Create most structured digital data
- Sample roles: payroll clerk, customer service rep, financial analyst

Information Worker

- Knowledge worker or people manager
- Flexible, cognitive work
- Multiple information sources, devices
- Source of most unstructured information
- Sample roles: product manager, sales executive, first line manager, CEO

Business Requirements

- Intuitive, consistent and harmonized user interactions across all the SAP UIs
- High-performance desktop ("smart") client for frequent, high-volume and expert tasks
- Zero-footprint, browser client for occasional tasks and B2B / B2C scenarios
- Quick access to data and information that is pushed to users, or pulled via search
SIMPLIFY PROCESS AND INFORMATION ACCESS
According to the needs of business users in their work environment

- **Business Client**
  - Simplified and rich user experience
- **Enterprise Search**
  - Faster responses and action
- **Analytics**
  - Action oriented and personalized information
- **Portal and Self-Services**
  - Intuitive productivity
- **Duet**
  - Integrated access from MS-Office
- **Widgets & RSS**
  - Push business events to the end users
- **Adobe Forms**
  - Easy form based processing
- **Mobile & Voice**
  - Available everywhere
- **Workspaces & Networking**
  - Groups and individuals build work communities
- **Wikis & Blogs**
  - Users contributing to the business

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USER EXPERIENCE (UX) PARADIGM AND SAP DESIGN STRATEGY
Reflecting SAP’s design strategy in SAP products

Design SAP UX ➤ Integrate in Partner’s UX ➤ Automate UX

Examples
- NW Business (smart) Client
- NW Portal and Collaboration
- UI Building Blocks (Web Dynpro and Patterns)
- Self-Services (ESS & MSS)
- Analytics
- Duet
- SAP Interactive Forms by Adobe
- Blogs and Wikis (as OEM)
- Eclipse for Development Tools (Swing and SWT)
- Instant Messenger
- Voice (Text to Speech)
- UI Adaptations and Personalization
- Mash-ups, RSS, Web Services
- RFID
SAP’S MULTI-CHANNEL UI STRATEGY
One Size Does Not Fit All!

“Yesterday”
SAP GUI Family
SAP GUI for HTML
SAP GUI for Win
SAP GUI for Java
SAP NetWeaver Portal
iViews, Roles, Worksets, Navigation, Page Builder, Personalization

Today: Enterprise SOA in the UI
User Clients and Access Channels

Rich Client (NWBC)

Browser (NetWeaver Portal)

Portal Infrastructure
Roles
Work Centers
Visualizations
Navigation
Printing
Personaliz.
Extensibility
Context
Tagging
UI Patterns
Collaboration
Communities
Subscription
Third-party
...
SAP NetWeaver Business Client ...

... is SAP’s next generation desktop client using the latest smart client technology.

... is using the Portal services infrastructure for role based access to SAP systems and consistent navigation capabilities.

... can host existing SAP UIs in the “canvas” area (including SAP GUI and WebDynpro) as well as any other web based content.

... is available with SAP ERP 6.0 Enhancement Package 2.

Roles and Work Centers in SAP ERP run in the SAP NetWeaver Portal Client and in the SAP NetWeaver Business Client.
The SAP NetWeaver Business Client – Main Features

- Dynamic Canvas Area for Application
- Three Embedded UI Rendering Engines
- Role-based navigation
- Object Based Navigation and Session Tab Browsing
- Branding Options
- Client Shell using latest rendering options
Shell and Canvas Area

Shell

Canvas Area

Canvas Area

Shell
Canvas Area in Detail: Embedded SAP GUI

- Enables SAP and SAP Partners to use traditional SAP GUI transactions where necessary
- Allows customers to decide for “expert like” transactions if wanted
- Allow SAP Partners to leverage on efforts spent with GUIXT
Canvas Area in Detail: Embedded MS Internet Explorer

- Allows rendering of HTML thus supporting SAP technologies such as Business Server Pages (BSP) or Web Dynpro for ABAP and Java
Canvas Area in Detail: Embedded Smart Client

Embedded SAP Smart Client

- Not enabled yet, but planned for 2008 SAP Smart Client increases performance for Web Dynpro for ABAP and Java and introduces new features like smooth scroll bars, table caching and more.
Shell Area in Detail

- Create new business objects
- Store favorite applications for fast access
- Specify systems for client access
- Access to application help
Shell Area in Detail

- Home button to switch back to navigation
- Session icon(s) indicating open sessions
Transaction Launch Pad

Analytics

- Cost Centers: Actual/Plan/Variance
- Balance Sheet / Profit Loss Statement

To analyze the profitability data in detail, a report is executed that has been defined in accordance with specific requirements. The result is a cumulative income statement for the company.

Finally, the Balance Sheet and Profit and Loss Statement are executed and analyzed. The data can be exported to the BEx Analyzer for further processing to be selected and filtered from a visualization perspective.