Enhancement Packages for SAP ERP
Innovation Made Easy - Learn How to Do it

Gary Yount,
Project Manager/Upgrade Principal
Global Upgrade Office
October 2011
Agenda

Introduction & Market Situation

Identification of Relevant Enhancement Package Functionalities
  • Enhancement Package Information Center @ SAP Service Marketplace
  • Business Function Prediction
  • Solution Browser Tool
  • Relationship of Licenses and Business Functions

SAP Enhancement Package Implementation Lifecycle

Summary, Questions & Answers

Appendix – For Further Reading
SAP Product Strategy
Deliver Instant Value

On DEVICE
- Collaboration
- Analytics
- Mobile

ORCHESTRATION

On DEMAND
- LoB on Demand
- SAP Business ByDesign

On PREMISE
- SAP Business Suite 7 innovations 2010

Technology Foundation

- All devices
- All user experiences
- Easy to extend
- Instant value
- Line of business or suite
- Integrated to On Premise
- SOA-enabled
- Best-practices packages
- Non-disruptive enhancements
- Platform
- In-Memory
SAP Product Strategy
Deliver Instant Value

On DEVICE
- All devices
- All user experiences
- Easy to extend

On DEMAND
- Instant value
- Line of business or suite
- Integrated to On Premise

On PREMISE
- SOA-enabled
- Best-practices packages
- Non-disruptive enhancements

Our pieces fit together
We follow our roadmaps and keep promises:

- Five generations of SAP enhancement packages for SAP ERP successfully delivered and adopted in the market
- Proven by the high number of 10,000 ERP EHP live customers
- First set of enhancement packages across SAP Business Suite 7 core applications available since May 2011
SAP Innovation Then and Now
Innovate Faster and Easier with SAP Enhancement Packages

Adoption of innovations / business functionality now in shorter increments thanks to SAP enhancement packages!

- Innovate on stable core
- Lower TCI and TCO

ERP 6.0 + SAP enhancement packages

- Innovate on stable core
- Lower TCI and TCO

SAP ERP 6.0

SAP R/3 4.6 standard

Upgrade

Business Requirements

Innovation Gap

© 2011 SAP AG. All rights reserved.
Reduce Non-Discretionary IT Spend
Dramatically Reduce Cost of Innovation with Enhancement Packages

Traditional upgrades

SAP Enhancement Packages

“All or none”
- Affecting the enterprise
- Wholesale regression testing
- Business case for entire release

“Pick and choose”
- Self-contained innovation
- Isolated testing effort
- Business case for target process

User interface

Functionality

Enterprise services

SAP Enhancement Package

Sales order Management

 MES Integ.
 EBPP
 Sales forms
 HCM forms
 Credit Report
 Budget Execution
How is it Possible?
Installation with Regular Maintenance and Selective Activation

1. Always install SAP enhancement packages combined with Support Pack Stack as a maintenance activity with minor additional effort and facilitated by the new EHP Installer tool.

2. Select and activate the functionality needed by your business using the Switch Framework. Functionality your business does not need will remain dormant.
Speeding Up Innovation
Upgrades¹ vs. Enhancement Packages² for SAP Business Suite

Upgrades vs. EHPs

48 hours
50 % Reduction of Business Downtime

21 weeks
62 % Reduction of Total Project Duration

* 58 % Reduction of Project Phases Duration

Get the details at: http://service.sap.com/ehp-db

¹ Based on \( n = 168 \) upgrades from SAP R/3 4.6C to SAP ERP 6.0; only those considered which provided details on these questions; Source: Upgrade Experience Database

² Total number of enhancement package installations (EHP 1 to 4): \( n = 111 \); only those considered which provided details on these questions; this number represents an extract only out of more than 9,000 enhancement package installations globally (as of Dec 2010); Source: Enhancement Package Experience Database
Adoption SAP Enhancement Packages for SAP ERP
August 2011 – Customers With Productive Enhancement Package Installation

Key messages:
- Already more than 11,000 productive customers have an enhancement package installed
- SAP enhancement packages get adopted much quicker than previous major releases (e.g., SAP ERP 6.0)
- SAP enhancement package 5 is gaining momentum after general availability

Legend:
- EHP 5 installed
- EHP 4 installed
- EHP 3 installed
- EHP 2 installed
(only highest installed EHP level is counted)
Agenda

Introduction & Market Situation

Identification of Relevant Enhancement Package Functionalities
- Enhancement Package Information Center @ SAP Service Marketplace
- Business Function Prediction
- Solution Browser Tool
- Relationship of Licenses and Business Functions

SAP Enhancement Package Implementation Lifecycle

Summary, Questions & Answers

Appendix – For Further Reading
Familiarize yourself with Enhancement Packages
EHP Information Center at http://service.sap.com/erp-ehp

Description

• Central access to information related to SAP enhancement packages (EHP)
• NEW:
  • EHP5 content available now
  • Improved structure of overview and detailed pages

Tool access

http://service.sap.com/erp-ehp
## At-a-Glance

### SAP Enhancement Package 5 for SAP ERP

#### SALES
- Improvements for configurable sales UI

#### SHARED SERVICE CENTER
- New shared service framework (SSF) as a platform for multifunctional shared service organizations
- Enhancements in financials, HCM, travel management, and supplier relationship management to integrate processes with the SSF

#### PROCUREMENT AND LOGISTICS EXECUTION
- Procurement:
  - Integration with SAP Supplier Relationship Management service procurement functionality
  - Further procure-to-pay improvements
  - New stock type for inventory management
  - SAP Auto-ID infrastructure offering
  - Improvements for outsourced manufacturing scenarios

#### QUALITY MANAGEMENT
- New FMEA (failure mode and effects analysis) features
- Integration with SAP EHS Management

#### SUSTAINABILITY: EH&S COMPLIANCE MANAGEMENT
- Enhanced reporting and master data maintenance
- Legal compliance for product safety and occupational health
- Enhanced incident management (delivered as add-on for SAP ERP EHP 5 in September 2010)

#### ENTERPRISE ASSET MANAGEMENT
- New role: simplified and improved maintenance planning and execution processes
- New functionality for modeling of linear assets
- More granular cost collection
- Improvements in rotatable management
- SAP Real Estate Management application:
  - Enhanced processes in commercial real estate management

#### PRODUCTION PLANNING AND EXECUTION
- Work-in-process batch tracking and valuation
- Engineering and manufacturing product structure synchronization
- Production order integration with ME applications
- Power lists for process orders
- Manufacturing analytics:
  - Overall equipment efficiency (OEE) analytics via Xcelsius software
  - Manufacturing analytics via Xcelsius
- Shift report and shift note enhancements
- Extensions in Lean Manufacturing (Kanban)
- XSteps and PI sheet enhancements

#### HUMAN CAPITAL MANAGEMENT
- Talent management:
  - Enhanced UI and functionalities of compensation management and talent management
  - Improved insights into learning activities
- Workforce process management:
  - Automated performance assessment process
  - UI flexibility and organization management analytics
  - Extended integration of e-recruiting and HR core system in the hiring process
  - Enhancements for organization chart visualization
  - Next-generation employee self-services
  - Additional HCM – localizations
  - Improvements in SAP Travel Management application

#### FINANCIALS
- SAP Treasury and Risk Management application:
  - Streamlined hedge management process
  - Enhancements in in-house cash
- SAP Master Data Governance application for financials:
  - Managing and distributing organizational units (profit center, cost center)
  - Enhancements in SAP Financial Supply Chain Management set of applications
  - New features in financial accounting and new general ledger – reorganization of profit center
  - Improved formats of financial reports
  - Localizations for India, Japan, Chile, and Russia
  - Enhancements in SAP Strategic Enterprise Management business consolidation functionality for legal compliance

---

© 2011 SAP AG. All rights reserved.
Customers Request Guidance When It Comes To Selecting The Relevant EHP Functionality!

Currently there are 500+ business functions available.

Wondering which enhancement package functionality is potentially relevant for you?
Unlock the Value of Your SAP ERP System: Business Function Prediction for SAP® ERP

- Individual and tailored recommendation of relevant enhancement package functionality adding value to your existing system usage
- Easy and direct access to all project relevant information:
  - Overview presentation and documentation (including business benefits)
  - Release notes and test case catalogs
  - Mapping to technical usage
- Multiple language support
- Including information on enhancement package 5 for SAP ERP
- 3.500+ satisfied customers (July 2011)

Get more details and your free report at [http://service.sap.com/bfp](http://service.sap.com/bfp) or email to [ehp-tech@sap.com](mailto:ehp-tech@sap.com).
“Business function prediction is a great tool. It is easy to use, free of charge and saves a lot of time.”

Dr. Marco Lenck, CIO, Rhein Chemie Rheinau GmbH

“We used the business function prediction offering from SAP to identify the specific and relevant functionalities we needed from the SAP enhancement package. It pulled all the documentation we needed together in one place.”

Mike Ayars, SAP Project Manager, Powell Electronics Inc.

“We are very satisfied with the business function prediction that helped us a lot to identify innovation in SAP enhancement packages. We definitely recommend this offering to our customers.”

Sylke Clemens, Servicemanagerin, GISA GmbH

http://www.youtube.com/watch?v=MfcrGPvNQdM
Delivery Process Overview

1. Extract SAP transaction usage
   - Extract the list of used SAP transactions from your production system collected by workload monitor (step-by-step description can be downloaded here: http://service.sap.com/BFP)

2. Initiate your request
   - Go to http://service.sap.com/BFP to initiate your request
   - Please answer the questions in the email template and attach the list of used SAP transactions

3. SAP will send you the results report
   - SAP will send you the results report usually within one week via email

Duration: approximately 2-5 days

Customer
DEMO

Business Function Prediction

Get more details and your free report at http://service.sap.com/bfp
Results Report and Order Information

In case of questions please contact us at ehp-tech@sap.com

The Step-By-Step instruction can be found here: http://service.sap.com/BFP
Solution Browser Tool

Description
• Identify delta functionality available after an upgrade or enhancement package implementation.
• Available for all core applications of SAP Business Suite 7: SAP ERP, SAP CRM, SAP SRM, and SAP SCM
• Available in English, German (new!) and Japanese

Further Information / Tool Access
• Via SAP Upgrade Info Center at: http://service.sap.com/solutionbrowser
• Direct access at: http://sapsolutionbrowser.com

Benefits
• Tailored access to detailed and structured delta information
• Reduced effort to define a business case or value proposition for an upgrade
• Fast identification of capabilities that respond to user requirements
Get Transparency on Possible License Implications when Activating Content from SAP Enhancement Packages for SAP ERP

Target Audience
- Project managers
- Business analysts
- Administrators

Content
- Provides guidance about possibly required licenses when activating business functions and using the new functionality delivered by an Enhancement Package for SAP ERP
- Reflects the status of SAP’s licensing practices for SAP enhancement packages (status May 2011; will be updated regularly)
- Covers Line-of-business (LoB) functions and industry-specific functions included in SAP enhancement packages

Target Audience
- Project managers
- Business analysts
- Administrators

To be downloaded via SAP Note 1524246

Direct link: http://service.sap.com.sap/support/notes/1524246 (login to SAP Service Marketplace required)
Agenda

Introduction & Market Situation

Identification of Relevant Enhancement Package Functionalities
  • Enhancement Package Information Center @ SAP Service Marketplace
  • Business Function Prediction
  • Solution Browser Tool
  • Relationship of Licenses and Business Functions

SAP Enhancement Package Implementation Lifecycle

Summary, Questions & Answers

Appendix – For Further Reading
Phases of an EHP Implementation
Quickly Meet Business Requirements for Growth and Competitive Advantage

Find what’s new... → ... and what you get, ... → ... install innovations, ... → ... activate and use them!

Planning ➔ Installation ➔ Activation

Demand

Value

SAP Business Process Expert

Maria

John

Susan

Line of Business

SAP Business Process Expert

Maria

System Administrator

John

System Administrator

© 2011 SAP AG. All rights reserved.
Getting Started with SAP Enhancement Packages
Innovation Made Easy

Find what’s new...

... and what you get, ...

... install innovations, ...

... activate and use them!

Solution Browser Tool
- Delta-Functionalities between releases (generic)

Business Function Prediction
- Receive tailored recommendations for business functions based on your current system usage

Accelerated Innovation Enablement
- Evaluate innovations of the latest SAP enhancement package in detail
- Setup sandbox system for evaluation
- Information on how to deploy to meet business process requirements

Enhancement Package Installation
- Use EHP installer for installation of EHP
- Specific services for configuration of SAP Solution Manager, EHP installation, downtime optimization, code optimization, etc. available

Switch Framework
- Activate the relevant business functions within your productive landscape sequentially
- Use SAP business process change analyzer to narrow down the test scope for the activation
Mapping Process – Example (SAP ERP)
Technical Usages - Business Functions - Software Components

**Business Function**

A “business function” is the activatable unit within the SAP ECC Server

**Business Function 1**
Real Estate Management
Technical Name:
RE_GEN_CI_1

**Business Function 2**
General Ledger Accounting 3
Technical Name:
FIN_GL_CI_3

**Business Function 3**
Lean Manufacturing
Technical Name:
LOG_PP_LMAN

A “technical usage” groups software components which must be installed together.

**Technical Usage**

Media
ABAP Product Instance: Media

Central Applications
ABAP Product Instance: Central Application

Financials
ABAP Product Instance: Leasing/Contract A/R & A/P

HCM Self Services
ABAP Product Instance: Human Capital Management
JAVA Product Instance:
SAP XSS (Self Services)

**Main Instances & Software Components**

SAP ECC Server

SAP NetWeaver 702

Central Applications

EA-HR 605
SAP_HR 604
ERECRUIT 600
EA_GLTRADE 600
......
DEMO

Enhancement Package Implementation Lifecycle Demo based on new SAP E-Recruiting functionality
This demo gives an overview of the SAP enhancement package lifecycle and explains how customers can easily introduce business innovations when needed.
Step 3: Impact Analyzer

Using the Impact Analyzer, you can analyze which user interfaces are affected for which roles and users if you activate a business function.

This enables you to answer the following questions at a very early stage, prior to activating a business function:

- Which training material is affected?
- To what extent does the training material have to be adjusted?
- Which users have to be informed and may need delta training courses?

To use the impact analyser start transaction SFW5, select a business function and choose Impact Analyzer Planned BFs.
Identify affected processes before activation
Business Process Change Analyzer

Functionality
- BPCA lists all affected business processes which will be impacted before activating the selected EhP business function.
- SAP Solution Manager BPCA* provides transparency about impacted business processes prior to activation

Prerequisites
- (Lean) documentation of business processes
- BPCA triggered trace (TBOM) of mission-critical business processes
- EHP deployment in DEV or TST system

Activate And Configure

Activities before the Activation …

- View the list of business functions now selectable
- Access documentation, release notes, test catalogue and possible dependencies from here
- Install the relevant documentation, refer to SAP note 1066110

Benefits

- Transparency of all system and UI changes that will take place
- Stability for all other parts of the solution

Activities after the Activation …

- Activate the chosen business function
- Configure the chosen business function

Benefits

- New coding becomes active only where activated
- Faster implementation because only activated parts are configured
Switch Framework
How Does It Work?

A switch controls the visibility of other repository objects.
### Checking Changes After Activation

**Via Transaction: SFW5**

#### W00 - Switch Framework: Display Business Function Status

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
<th>Plan</th>
<th>Dape</th>
<th>Dcoru</th>
<th>Release</th>
<th>SAP T</th>
<th>Test C</th>
<th>Activated on</th>
</tr>
</thead>
<tbody>
<tr>
<td>PLM_CFO_EXPIMPORT</td>
<td>Folders Import and Export of MPNs</td>
<td>PR</td>
<td></td>
<td></td>
<td></td>
<td>1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>PLM_EDM_DISPLAYCHANGEWMATCHACL</td>
<td>Display Changes to ACL</td>
<td>PR</td>
<td></td>
<td></td>
<td></td>
<td>1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>PLM_RM_PRODUCTLABELING</td>
<td>PLM Recipe Management - Labeling</td>
<td>PR</td>
<td></td>
<td></td>
<td></td>
<td>1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>PMO_PLM_RECIPE_MANAGEMENT_1</td>
<td>PLM Recipe Management - Enhancement 1</td>
<td>PR</td>
<td></td>
<td></td>
<td></td>
<td>1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FRS_GENUI</td>
<td>Prof. Services, UI Enhancements</td>
<td>PR</td>
<td></td>
<td></td>
<td></td>
<td>1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>PSM_ACC_SEARLSE</td>
<td>PSM, Seizure of Non-Payroll Liabilities</td>
<td>PR</td>
<td></td>
<td></td>
<td></td>
<td>1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>PSM_ESOA_SQINT</td>
<td>PSM extensions for Sales Order services</td>
<td>PR</td>
<td></td>
<td></td>
<td></td>
<td>1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>PSM_EXP_DERT</td>
<td>Public Sector, Expenditure Certification</td>
<td>PR</td>
<td></td>
<td></td>
<td></td>
<td>1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>PSM_FA_CASH</td>
<td>PSM, Cash-Basis Accounting and Cash Flow</td>
<td>PR</td>
<td></td>
<td></td>
<td></td>
<td>1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>PSM_FA_CI</td>
<td>PSM, Fund Accounting</td>
<td>PR</td>
<td></td>
<td></td>
<td></td>
<td>1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>PSM_FM_BCS_CL1</td>
<td>Enhanced Features for the Budget Control</td>
<td>PR</td>
<td></td>
<td></td>
<td></td>
<td>1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>PSM_FM_BCS_CL2</td>
<td>Multi-Level Budget Structure in the Budget</td>
<td>PR</td>
<td></td>
<td></td>
<td></td>
<td>1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>PSM_FM_CL1</td>
<td>Enhanced Features for Funds Management</td>
<td>PR</td>
<td></td>
<td></td>
<td></td>
<td>1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>PSM_FM_CL2</td>
<td>PSM, Funds Management 2</td>
<td>PR</td>
<td></td>
<td></td>
<td></td>
<td>1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>PSM_GEN_BUDPER_1</td>
<td>PSM, Budget Period</td>
<td>PR</td>
<td></td>
<td></td>
<td></td>
<td>1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>PSM_GM_ODE_CL1</td>
<td>Grantee Management</td>
<td>PR</td>
<td></td>
<td></td>
<td></td>
<td>1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>PSM_GOVPROC_UFMSP</td>
<td>PSM, JFMP in PPS</td>
<td>PR</td>
<td></td>
<td></td>
<td></td>
<td>1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>PSM_GOVPROC_PA</td>
<td>PSM, Pricing Arrangements in FPF</td>
<td>PR</td>
<td></td>
<td></td>
<td></td>
<td>1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>PSM_GRANTOR_ARAR</td>
<td>Public Sector, Grants Mgmt for Grantor, F-A</td>
<td>PR</td>
<td></td>
<td></td>
<td></td>
<td>1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>PSM_GRANTOR_ARAR</td>
<td>PSM, Enhanced Features for Grantor Mgmt</td>
<td>PR</td>
<td></td>
<td></td>
<td></td>
<td>1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>PSM_PB_CP-xl</td>
<td>PSM, Position Budgeting and Control: Ext</td>
<td>PR</td>
<td></td>
<td></td>
<td></td>
<td>1</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Switch Framework: Transaction SFW5
Transport of Switch Settings

Transaction: SFW5

Activate Business Functions manually

SBX
DEV
QAS
PRD

* Only complete transport of all switch settings is possible
New with Business Suite 7 Innovations 2010: Reversible Business Functions

- A reversible Business Function can be tested / evaluated in DEV/QAS systems but only in separate clients.
- Make sure that the activated functionality of the Business Function is *not* tested in any other client of the test system. Business Functions are active in all clients!
- To completely ‘undo’ a Business Function the whole client has to be deleted.
- Currently there are 37 reversible Business Functions.

### Q35 - Switch Framework: Change Business Function Status

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
<th>Plan משהמח</th>
<th>Dep Мо_מח</th>
<th>Add Мо_מח</th>
<th>Doc Мо_מח</th>
<th>Role Мо_מח</th>
<th>Release Мо_מח</th>
<th>SAP Мо_מח</th>
</tr>
</thead>
<tbody>
<tr>
<td>FIN_Travel_Planning_EXTERNAL</td>
<td>Travel Management, Third-Party Travel Plan</td>
<td>Business</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>FIN_TRM_CLW_DIMENSIONS</td>
<td>CLWCM, Additional Account Assignments</td>
<td>Business</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>FIN_TRM_CLM_DIMENSIONS</td>
<td>TRM, Financial Risk Management for Commodity</td>
<td>Business</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>FIN_TRM_CORR_FIN</td>
<td>TRM, Correspondence Framework</td>
<td>Business</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>FIN_TRM_CORR_FIN_2</td>
<td>TRM, Correspondence Framework 2</td>
<td>Business</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>FIN_TRM_CORR_FIN_2</td>
<td>TRM, Correspondence Framework 2</td>
<td>Business</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>FIN_TRM_INS_HM</td>
<td>TRM, Hedge Management for P&amp;L</td>
<td>Business</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>FIN_TRM_INS_HM_2</td>
<td>TRM, Hedge Management for P&amp;L 2, Addtl</td>
<td>Business</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>FIN_TRM_LAQ_FAN</td>
<td>TRM, Transaction Management Localization</td>
<td>Business</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>FIN_TRM_LAQ_FAN</td>
<td>TRM, Transaction Management Localization</td>
<td>Business</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>FIN_TRM_LAQ_FAN</td>
<td>TRM, Transaction Management Localization</td>
<td>Business</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>FIN_TRM_LPQ_FAN</td>
<td>TRM, Hedge and Exposure Management, Non-Instrument</td>
<td>Business</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>FIN_TRM_LPQ_FAN</td>
<td>TRM, Hedge and Exposure Management, Non-Instrument</td>
<td>Business</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>FIN_TRM_LPQ_FAN</td>
<td>TRM, Hedge and Exposure Management, Non-Instrument</td>
<td>Business</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>FIN_TRM_PMP_INTEGRATION</td>
<td>TRM, Integration into Funds Management</td>
<td>Business</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>FIN_ANALYTICS_TOOLS</td>
<td>Enhancements for Business Suite Analytics</td>
<td>Business</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>FND_CN_1</td>
<td>FND, Integration with SAP NetWeaver Identity</td>
<td>Business</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>FND_CN_1</td>
<td>FND, Integration with SAP NetWeaver Identity</td>
<td>Business</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>FND_CN_1</td>
<td>FND, Integration with SAP NetWeaver Identity</td>
<td>Business</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>FND_SOFTWARE_1</td>
<td>Improvement for SOA Reuse Functions</td>
<td>Business</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>FND_SOFTWARE_1</td>
<td>Improvement for SOA Reuse Functions</td>
<td>Business</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>FND_SOFTWARE_1</td>
<td>Improvement for SOA Reuse Functions</td>
<td>Business</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>FND_VISUAL_BUSINESS</td>
<td>Visual Business</td>
<td>Business</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>FND_VISUAL_BUSINESS</td>
<td>Visual Business</td>
<td>Business</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>FND_VISUAL_BUSINESS</td>
<td>Visual Business</td>
<td>Business</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>FND_Z_PRODUCTION_NETWORK</td>
<td>BF O&amp;H Production Network</td>
<td>Business</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>FND_Z_PRODUCTION_NETWORK</td>
<td>BF O&amp;H Production Network</td>
<td>Business</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>FND_Z_PRODUCTION_NETWORK</td>
<td>BF O&amp;H Production Network</td>
<td>Business</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>HCM_3</td>
<td>HCM, Administrative Services</td>
<td>Business</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>HCM_3</td>
<td>HCM, Administrative Services</td>
<td>Business</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>HCM_3</td>
<td>HCM, Administrative Services</td>
<td>Business</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>HCM_3</td>
<td>HCM, Administrative Services</td>
<td>Business</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>HCM_3</td>
<td>HCM, Administrative Services</td>
<td>Business</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>HCM_3</td>
<td>HCM, Administrative Services</td>
<td>Business</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>HCM_3</td>
<td>HCM, Administrative Services</td>
<td>Business</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>HCM_3</td>
<td>HCM, Administrative Services</td>
<td>Business</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>HCM_3</td>
<td>HCM, Administrative Services</td>
<td>Business</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>HCM_3</td>
<td>HCM, Administrative Services</td>
<td>Business</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>HCM_3</td>
<td>HCM, Administrative Services</td>
<td>Business</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>HCM_3</td>
<td>HCM, Administrative Services</td>
<td>Business</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>HCM_3</td>
<td>HCM, Administrative Services</td>
<td>Business</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>HCM_3</td>
<td>HCM, Administrative Services</td>
<td>Business</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>HCM_3</td>
<td>HCM, Administrative Services</td>
<td>Business</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>HCM_3</td>
<td>HCM, Administrative Services</td>
<td>Business</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>HCM_3</td>
<td>HCM, Administrative Services</td>
<td>Business</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>HCM_3</td>
<td>HCM, Administrative Services</td>
<td>Business</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>HCM_3</td>
<td>HCM, Administrative Services</td>
<td>Business</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>HCM_3</td>
<td>HCM, Administrative Services</td>
<td>Business</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Agenda

Introduction & Market Situation

Identification of Relevant Enhancement Package Functionalities
  • Enhancement Package Information Center @ SAP Service Marketplace
  • Business Function Prediction
  • Solution Browser Tool
  • Relationship of Licenses and Business Functions

SAP Enhancement Package Implementation Lifecycle

Summary, Questions & Answers

Appendix – For Further Reading
# Things You Should Consider Before You Get Started

## EHP Facts

- **Only one EHP Level per system**
  One application system can only consist of one EHP level (e.g. EHP4 or EHP5). Hence installed EHP components have to be updated with every future EHP implementation.

- **Industry Solutions**
  Customers who have activated an industry business function set have to include the corresponding EHP industry software component during installation.

- **EHP Installation and functional activation is partially non-reversible**

## Technical Delivery

- **EHPs are “cumulative”**
  When installing the latest EHP you will automatically get all functionality delivered with previous Enhancement Packs.

  Technically the EHP installation delivers only changed objects to your system (delta shipment):
  - In case you already have installed EHP4 you will only install the new objects of EHP 5.
  - In case you have installed EHP 3 you will install EHP 4 and EHP 5 objects in one step

- **Enhancement Package 2 for SAP NetWeaver 7.0 available**

## Project Perspective

- **Modification Adjustment**
  After installing Enhancement Packages modifications must be adjusted – even if no business function has been activated.

- **Regression Test required**
  The installation of an SAP Enhancement Package requires a full regression test – even if no business function has been activated.

- **Effort Estimation**
  Most customers say that the installation effort is a bit higher with EHP’s (without activating business functions) compared to pure Support Package updates.
## Getting Started: SAP Service Marketplace (1/2)

<table>
<thead>
<tr>
<th>Topic</th>
<th>Link</th>
</tr>
</thead>
<tbody>
<tr>
<td>What are SAP’s innovation plans and how can I build my road map to</td>
<td>SAP Road Maps: <a href="http://service.sap.com/roadmap">http://service.sap.com/roadmap</a></td>
</tr>
<tr>
<td>value?</td>
<td></td>
</tr>
<tr>
<td>Where can I find more information about SAP enhancement packages?</td>
<td>SAP ERP: <a href="http://service.sap.com/erp-ehp">http://service.sap.com/erp-ehp</a></td>
</tr>
<tr>
<td></td>
<td>SAP CRM: <a href="http://service.sap.com/crm-ehp">http://service.sap.com/crm-ehp</a></td>
</tr>
<tr>
<td></td>
<td>SAP SCM: <a href="http://service.sap.com/scm-ehp">http://service.sap.com/scm-ehp</a></td>
</tr>
<tr>
<td></td>
<td>SAP PLM: <a href="http://service.sap.com/plm-ehp">http://service.sap.com/plm-ehp</a></td>
</tr>
<tr>
<td>Where can I find structured information on new and enhanced</td>
<td>Solution Browser Tool: <a href="http://www.sapsolutionbrowser.com">www.sapsolutionbrowser.com</a></td>
</tr>
<tr>
<td>functionalities in SAP Business Suite?</td>
<td></td>
</tr>
<tr>
<td>Where can I find additional information on selecting and activating</td>
<td>See question 3 above; in addition access this presentation: <a href="http://service.sap.com/~sapidb/011000358700001137892011E">http://service.sap.com/~sapidb/011000358700001137892011E</a></td>
</tr>
<tr>
<td>business functions?</td>
<td></td>
</tr>
</tbody>
</table>
## Getting Started: SAP Service Marketplace (2/2)

<table>
<thead>
<tr>
<th>Topic</th>
<th>Link</th>
</tr>
</thead>
<tbody>
<tr>
<td>How can I identify the value of adopting SAP Business Suite 7?</td>
<td>Value Insight Session: <a href="http://service.sap.com/vis">http://service.sap.com/vis</a></td>
</tr>
<tr>
<td>And how can I get more out of my SAP investment?</td>
<td></td>
</tr>
<tr>
<td>Where can I get the knowledge I need when I need it?</td>
<td>Online Knowledge Products: <a href="http://service.sap.com/OKP">http://service.sap.com/OKP</a></td>
</tr>
<tr>
<td>Where can I get more information on Application Life-Cycle Management?</td>
<td><a href="http://service.sap.com/alm">http://service.sap.com/alm</a></td>
</tr>
<tr>
<td>What benefits do I have with SAP Enterprise Support and which services are available to me?</td>
<td>SAP Enterprise Support and Services: <a href="http://service.sap.com/enterprisesupport">http://service.sap.com/enterprisesupport</a> SAP Enterprise Support Services</td>
</tr>
<tr>
<td>Is there any SAP assistance available that supports me evaluating the innovation capabilities of the latest SAP enhancement packages?</td>
<td>SAP Accelerated Innovation Enablement: <a href="http://service.sap.com/aie">http://service.sap.com/aie</a></td>
</tr>
<tr>
<td>How can I implement and activate new business functions with SAP Solution Manager?</td>
<td>Enhancement Package Information Center (tab “Activate”) <a href="http://service.sap.com/erp-ehp">http://service.sap.com/erp-ehp</a></td>
</tr>
<tr>
<td>Does SAP offer dedicated delta trainings on Innovations 2010? And where can I find them?</td>
<td>SAP Education Curriculum: <a href="http://www.sap.com/services/education/catalog/erp.curriculum.epx?context=%5b%5bDelta_EHP%5d%5d%7c">http://www.sap.com/services/education/catalog/erp.curriculum.epx?context=%5b%5bDelta_EHP%5d%5d%7c</a></td>
</tr>
</tbody>
</table>
Questions? Answers!

Gary Yount
Project Manager/Upgrade Principal
Global Upgrade Office
SAP America
Email gary.yount@sap.com
Mobile 708-228-7101
Appendix - for further reading
Enhancement Package Installation & Activation
Overall Procedure

1. Business expert selects required business functions

2.
   a. Map business functions to technical usage
   b. Check prerequisites
   
   c. Automated download of required installation files and generation of "stack XML" for selected Technical Usage with Solution Manager Maintenance Optimizer

   d. Install packages using SAP enhancement package Installer

3. Activation of new functionality - acceptance test
Installation Approaches at-a-Glance

**Business-Driven**  
(formerly referred to as “selective”)

1. Choose business functions, e.g.: ‘Retail buying’

2. Map business function(s) to Technical Usage(s)

**IT-Driven**  
(formerly referred to as “broad”)

1+2. Choose relevant technical usage(s) with potential business value for your company.

---

Now defined: technical usage(s)

3. Select technical usage(s) using Solution Manager Maintenance Optimizer.  
Automated calculation and download of required installation files

4. Install installation packages using **EHP installer**

5. Modification adjustment

6. Regression test

---

Queue of installable packages + stack xml
During and after EHP or Support Package installation your development system may not be able to support your production line with emergency corrections and/or phased development go-lives unless you add temporarily a copy of the development system.

- Based on your risk profile you should **consider appropriate measures**
- Ensure dual maintenance
New: SAP Landscape Verification 1.0
SAP Solution Manager Add-On

Correctness of landscape data is the key for a successful EHP installation:
A correct landscape configuration is a major prerequisite for error-free execution of MOpz
Erroneous or incomplete landscape information can result in failure of the update procedure
Guidance towards correctly entering all information needed in the update process is required

New Solution: SAP Landscape Verification

- Helps to analyze system landscape data in SAP Solution Manager System Landscape (SMSY) in order to identify issues in landscape description
- Add-on installation - Details can be found here
- SAP Landscape Verification promotes the “landscape pattern” concept: Hub and sidecar - Details can be found here

Using SAP Landscape Verification 1.0 helps to improve landscape data quality as a major prerequisite for smooth installation of SAP enhancement packages for SAP Business Suite.
Guided Download Procedure: Maintenance Optimizer

- Technical usage: predefined, installable subsets of an SAP enhancement package for SAP ERP

- SAP Note 1324838 (EHP5) maps identified business functions to a technical usage

- You enter the technical usage in the Maintenance Optimizer and it automatically calculates the relevant download files

- Prerequisites:
  - Solution Manager 7.0 EHP1 (SP23), Accuracy of system data
  - Data maintenance with Solution Manager System Landscape (SMSY)

* This is an example of installed software components in SAP ECC. For Java components and BI-, PI- and Portal content, a different installation procedure would be used.
NEW: SAP Business Suite Landscape Implementation
Technical Planning Guide

The new guide gives customers essential information regarding:

• Building blocks for system landscapes
• Planning the system landscape
• Distribution scenarios (hub, sidecar, embedded deployment) and example implementations

Download the guide here.
Hot of the Press: Implementing SAP Enhancement Packages

Content

• Overview about all capabilities of SAP’s enhancement strategy
• Details about the concept, architecture, and technology as well as implementation, tools and troubleshooting
• Best practices and step-by-step instructions for the planning and realization of EHP-projects

“Practical solutions, note boxes, checklists, as well as tips and tricks from the authors make this book a useful companion that you can consult time and again.”

Target audience

• Project managers
• Project members: Administrators and developers

Price: 69,90 Euro

English: http://www.sap-press.de/2385
German (2nd edition): http://www.sap-press.de/2828
Accelerate Innovation Adoption
Selected SAP Offerings

1. Business Function Prediction
Get tailored recommendations on new functionality in SAP enhancement packages relevant to your business.
Get your free report today.
Register and get more details at: http://service.sap.com/BFP

2. Solution Browser Tool
Discover new functionality across different SAP application releases and respective enhancement packages.
Access the tool at http://service.sap.com/solutionbrowser

3. SAP Accelerated Innovation Enablement*
Benefit from free remote assistance to evaluate the innovation capabilities of the latest SAP enhancement packages.
Get more details at: http://service.sap.com/enterprisesupport

4. SAP Roadmap Sessions
Get an overview of today's SAP solutions and gain insight into the planned innovations and SAP's perspective on future innovations spaces.
Get more details at: http://service.sap.com/roadmap

* This offering is dedicated to customers with SAP Enterprise Support

More SAP Offerings at: http://service.sap.com/erp-ehp
Get Started – Enhancement Package Info Center
http://service.sap.com/erp-ehp