



JD Edwards

Reporting, Security, Archiving and more...

**Find the answer to these common
challenges here**

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Agenda

- ✓ JD Edwards reporting/BI
- ✓ Security – Typical vs Best practises
- ✓ Archiving
- ✓ Package Build automation (E1)
- ✓ Version Management (E1)



Reporting/BI – Customer case

- ✓ Company with fair size JDE roll-out
- ✓ Needed high quality end-user reporting solution to offload IT staff and for cost efficiency
- ✓ One year after implementation of DAS 95% of their report development requirements have vaporized
- ✓ Choose Data Access Studio over other tools because of:
 - ✓ Out-of-the-box integration,
 - ✓ Cost,
 - ✓ Ease of use,
 - ✓ Reliability



Data Access Studio - is what?

A JD Edwards real-time reporting/BI solution for

- ✓ Ad hoc reporting
- ✓ Integrity reporting
- ✓ Financial, analytical and trending reports

PS. No adapters or mapping needed



Data Access Studio – Some Highlights

- ✓ Real Time, **read only** reporting solution
- ✓ **Independent** of JDE release or Tools release
- ✓ Applies all **native JDE security** and formatting
- ✓ Works on **every** JDE module, table, business view, and **custom** tables
- ✓ Available in 11 **different languages**
- ✓ **Not a project** to install and maintain
- ✓ Report **Scheduler** and Report **Templates**

Objective: to fulfill many needs **without the fuss**



Data Access Studio - Example

Income Statement

- ✓ Compare current period with previous period
- ✓ Actuals vs Budget
- ✓ Drill down to Account Ledger
- ✓ Grouped and sorted by Business Unit
- ✓ Add dynamic Excel charts
- ✓ Run this report through the Report Scheduler



Data Access Studio - Recap

- ✓ Real Time, read only reporting solution
- ✓ Applies all native JDE security and formatting
- ✓ Works on every JDE module, table, business view, and custom tables



New Version – *Old Security*

Common Practice v's Best Practice

Typical vs Best Practice

Common Practice	Best Practice
Roles	Roles
Big Roles Role selector	Process Based Roles Sign-on using *ALL Roles
SoD Conflicts	No SoD Conflicts
Menus	Menus
Task Views too complex	One (or few) Task View
Folders within Folders too may "Dead Ends"	Use Menu Filtering (Fine Cut) to hide "Dead Ends"
Security	Security
Type 1 & 3 OPEN	Type 1 & 3 CLOSED
Type 4 EXCLUSIVE	Type 4 INCLUSIVE
Changes in Live Table	2 Tables + Change Control

Typical vs Best Practice

Common Practice	ALL Out	Best Practice
Roles		Roles
Big Roles Role selector	CombiRoles	Process Based Roles Sign-on using *ALL Roles
SoD Conflicts	Risk Reporting & Mngt.	No SoD Conflicts
Menus		Menus
Task Views too complex	Project+	One (or few) Task View
Folders within Folders too many "Dead Ends"	SuperGrids 950 Supergrids	Use Menu Filtering (Fine Cut) hide "Dead Ends"
Security		Security
Type 1 & 3 OPEN	Project+	Type 1 & 3 CLOSED
Type 4 EXCLUSIVE	SuperGrids	Type 4 INCLUSIVE
Changes in Live Tables	CombiRoles	2 Tables + Change Control



Archiving



Time to think about archiving?





Archiving – Customer Case

Some numbers

- ✓ Merger & expansions through growth
- ✓ JDE database currently holds 409Gb data (+ 2.25% per month)
- ✓ 31/8 - GL transactions (F0911): 19,743,023
Growth rate of 2.61% (i.e. 501,361 records)
- ✓ 31/8 - Inventory transactions (F4111), 15,325,035
Growth rate of 2.43% (i.e. 363,226 records)



Archiving – Customer case

What was bugging them?

- ✓ Access time during the workday
- ✓ Customer Usage Report 10min. vs 30-40min.
- ✓ Month-end closing cycle is getting tight
- ✓ Database backup (6 hours) is getting out of control
 - ✓ Affecting restore time, and maintenance downtime
- ✓ System errors originating from excessive data in tables which result in timeout situations.



Archiving – Customer case Solutions

- ✓ Upgrading disk capacity by 1.5 Tb:
 - ✓ \$24,750 for the ‘slower speed’ disks,
 - ✓ \$49,500 for ‘high-speed’ disks
- ✓ JDE tools vs integrity
- ✓ Build your own?
- ✓ Select Purge-IT!



Purge-IT! – Customer case

Why Purge-IT! (1)

- ✓ Like you expect from any 1st class JDE archiving solution
 - ✓ Maintains integrity
 - ✓ Pre-defined jobs available
 - ✓ Multiple locations
 - ✓ Etc.....
- ✓ Build in the JDE E1 toolset – looks and works like JDE



Purge-IT! – Customer case

Why Purge-IT! (2)

- ✓ Uses the standard JDE middleware layer as standard and safe method to access your JDE data
- ✓ Stack, platform and database independent
- ✓ Direct access to the archive from within JDE session
- ✓ Very detailed audit trail available on-line
- ✓ Programs to access your archived data



Purge-IT! – looks and ...

ORACLE JD EDWARDS ENTERPRISEONE Financial/Distribution Company [JDV900] [Sign Out](#)

Work With Batch Versions - Available Versions i ? ??

Select	Find	Add	Copy	Delete	Close	Row	Form	Tools
--------	------	-----	------	--------	-------	-----	------	-------

Batch Application	<input type="text" value="RYK57150"/>	Purge IT General Ledger Purge
Read Only Report (Y/N)	<input type="text"/>	

Records 1 - 1 [Customize Grid](#)

	Version	Version Title	User	Last Modified	Security	Description	Client Platform
<input type="checkbox"/>	ZKLIK0001	GL Purge - All batch types, Full Validation, Stand	JDE	09/15/2011	0	No Security	



Purge-IT! – looks and feels JDE

Work With Batch Versions - Available Versions - Windows Internet Explorer

http://localhost:8888/jde/E1Menu.maf

ORACLE® JD EDWARDS ENTERPRISEONE

AB Common [DEMO900] Sign Out

EnterpriseOne Menu

- Open Applications
 - Purge IT General Ledger Purge
- Fast Path
- Favorites
- Content Development Tools
- EnterpriseOne Menus
- Mobile Sales Menus
- Power User Tasks
- Purge-IT! Archive System
 - Purge IT Infrastructure
 - Purge IT Sales Order Processing
 - Purge IT Purchase Order Processing
 - Purge IT Manufacturing
 - Purge IT Inventory
 - Purge IT Accounts Receivable
 - Purge IT Accounts Payable
 - Purge IT General Ledger
 - Purge IT General Ledger Batch
 - Validation Rules
 - Purge IT General Ledger Work with Summary Levels
 - Purge IT General Ledger Purge**
 - Purge IT General Ledger Purge Reversal
 - Purge IT GL Account Ledger Archive Enquiry
 - Purge IT Custom
 - Purge IT Archive Applications
- Roles
- Actions
- Preferences

Processing Options

OK Cancel

General Selection AAI Validations Modular Validations Cancel Processing

- Enter 'U' to run in update mode. Enter 'P' or any other value to run in proof mode.
- Enter 'S' or leave blank to Summarise GL transactions when purging. Enter 'D' to Purge transactions without summarising.
- Enter 'S' or leave blank to Summarise F0911T when purging. Enter 'D' to Purge F0911T without summarising or enter 'N' to not purge the F0911T.
- Enter '1' to check for all errors when validating a GL transactions as suitable for purging. Leave blank to check for first error and then continue with the next transaction.
- Enter '1' to validate Questionnaire 1099 transactions.
- Enter '0' or leave blank for standard F0911 summarisation. Enter '1' for standard plus Item No summarisation or enter '2' for standard plus Item No plus Managerial Analysis (Cost Object) summarisation.
- Enter '1' to create summary rows at Fixed Asset Item level. Leave blank to not create summary rows at Fixed Asset Item level.

Done Local intranet 100%





Purge-IT! - Recap

Does what every 1st class archiving solution needs to do, and more:

- ✓ The only archiving solution **specifically build** for JD Edwards from the start
- ✓ Simple installation and use of application result in **smaller projects**



Package Build Automation Packman (for E1)

*“All JD Edwards EnterpriseOne environments
are changing on regular basis”*



Packages – Build and Deployment

The Challenges:

- ✓ Time Consuming
- ✓ Error Prone
- ✓ Deployments Outside Office Hours



Packman – Customer case

Mediq

- ✓ Medical appliances, medicines and associated care
- ✓ 8,200 employees
- ✓ Founded in 1899 and active in 15 countries

“PACKMAN is a tool that within change management drastically reduces the time and costs for the process of development and deployment, by automating all the manual steps in this process”.

Martijn Pollaert, manager Applications Management Mediq

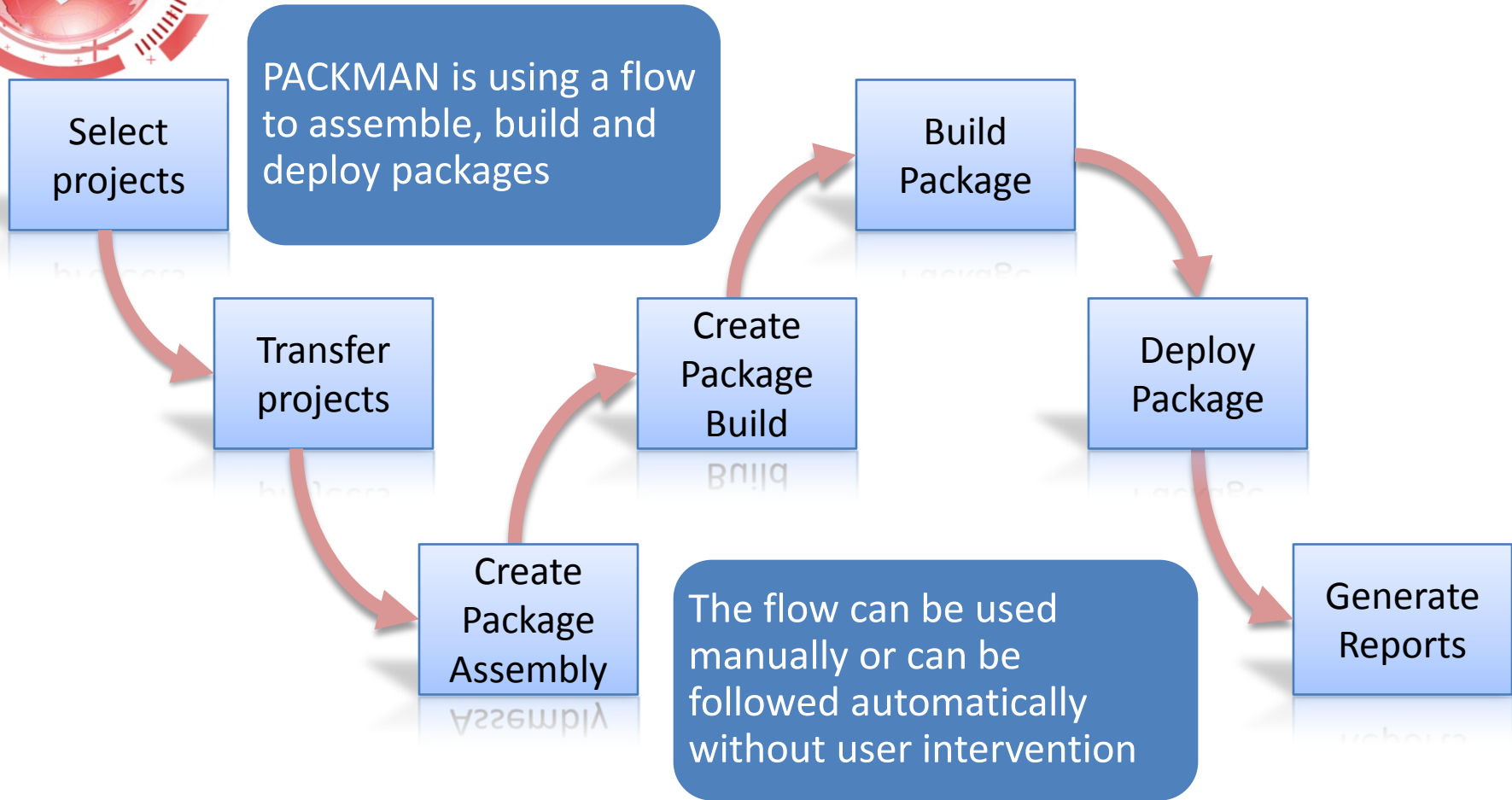


Packman – Customer case

- ✓ Package Builds take place completely automatically with the help of PACKMAN
- ✓ We save considerably in time and there are fewer mistakes made.
- ✓ Furthermore, with PACKMAN we are no longer obliged to run these processes during the evening hours



Packman – Flow





Packman – Recap

- ✓ Build packages:
 - ✓ Automatically and scheduled
 - ✓ Without human intervention
- ✓ Save time and money
- ✓ Speedup the development to production process
- ✓ Monitor package builds by receiving notifications



Packman – Customer case

- ✓ In 2011: 747 packages
- ✓ “Time saved per Package approx. 45 minutes” → 560 hours
- ✓ At internal rate: ROI of approximately three months

- ✓ *“However, in view of our character as an ICT organization, I think that the fast time-to-market that we can achieve with PACKMAN weighs even greater than just the saving in hours.”*



Version Management



Version Challenges

Versions in EnterpriseOne

- ✓ Version Maintenance labor intensive and error-prone
- ✓ Changing options or data selection hard for multiple versions at once
- ✓ No history of changes



Version Challenges

- ✓ Copy 1000 versions from entity A to entity B during roll out.....
 - ✓ And have to update 1000 versions to change branch and company
- ✓ Add a step in the sales process ...
 - ✓ And have to change 100 versions to introduce a new status
- ✓ Upgrade to 8.12 / 9.0 ...
 - ✓ And find out options do not transfer straight
- ✓ Run into a production issue ...
 - ✓ Try to convince your manager this is not as you planned it



Version Challenges - Customer case

- ✓ Sennheiser
- ✓ PD, PT (prototype) and PY
- ✓ CRM, Advance Planning, Finance, Sales Warehouse, Purchasing, Manufacturing



Version Workbench – Customer case

- ✓ VW -copy versions of existing JDE sales companies
- ✓ VW –update processing options
- ✓ VW –update selection criteria
- ✓ VW –copy menu’s of existing JDE sales companies
- ✓ Integration tests –business processes and print-outs



Version Workbench

Make Processing Options and Data Selections accessible

Universal Table Browser - [Versions List - F983051 - Versions Local]

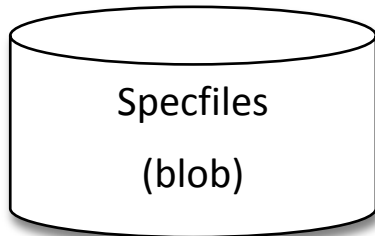
VRPID	VRVERS	VRREPORTID	VRVERSIONID	VRJD	VRPODATA	Field	Value
P4210	ZJDE0001	60631	0	Sale Quote -STM	See Detail Pane	7c 00 7c 00	0
P4210	ZJDE0001	60631	0	Sales Order Entry	See Detail Pane	7c 00 7c 00	0
P4210	ZJDE0002	60631	0	Sales Order Entry	See Detail Pane	7c 00 7c 00	0
P4210	ZJDE0003	60631	0	Sales Order Entry	See Detail Pane	7c 00 7c 00	0
P4210	ZJDE0004	60631	0	Sales Order Entry	See Detail Pane	7c 00 7c 00	0
P4210	ZJDE0005	60631	0	Sales Order Entry	See Detail Pane	7c 00 7c 00	0
P4210	ZJDE0006	60631	0	Sales Order Entry	See Detail Pane	7c 00 7c 00	0
P4210	ZJDE0007	60631	0	Sales Order Entry	See Detail Pane	7c 00 7c 00	0
P4210	ZJDE0008	60631	0	Sales Order Entry	See Detail Pane	7c 00 7c 00	2 T.4.2.1.0 1 2
P4210	ZJDE0009	60631	0	Sales Quote -Conf	See Detail Pane	33 00 7c 00	3 1.4 5 6 7 8 9 1.0
P4210	ZJDE0010	60631	0	Sales Order Entry	See Detail Pane	7c 00 31 00	1 1.1 1.2 2.0 2.1 2.2
P4210	ZJDE0011	60631	0	Sale Order Entry	See Detail Pane	32 00 33 00	2 3 2.4 2.5 2.6 2.8
P4210	ZJDE0012	60631	0	Sales Order Entry	See Detail Pane	39 00 7c 00	9 3.0 3.1 3.2 3.3 3.1
P4210	ZJDE0013	0	0	Sales Order Entry	See Detail Pane	7c 00 33 00	1 3.5 3.7 3.8 3.9 4.0
P4210	ZJDE0014	60631	0	Return Material Aut	See Detail Pane	34 00 31 00	4 1.4.2 4.3 4.4 4.5
P4210	ZJDE0015	60631	0	RMA for Credit Ord	See Detail Pane	38 00 7c 00	6 1.4 7 4.8 1.4 9 5 0.1.5
P4210	ZJDE0016	0	0	Sales Order Entry	See Detail Pane	7c 00 35 00	1 5.2 5.3 5.4 5.5 5.6
P4210	ZJDE0017	0	0	Sales Order Entry	See Detail Pane	35 00 37 00	5 7 5.8 5.9 6.0 6.1
P4210	ZJDE0018	60631	0	Sales Quote - MPM	See Detail Pane	32 00 7c 00	2 1.6 3 6.4 1.6 5 6.7 1.7

Grid Rows Loaded: 33 Row Selected: 1

Version Workbench - [Option Explorer]

Freezept Default was created on 2/17/2009 at 14:34:43 by DEMO Environment DEMO900

Object	Version	Tab	Processing Option	Value	DD Item
P4210	ZJDE0001	Defaults	1. Order Type (Required)	SO	DCTO
P4210	ZJDE0002	Defaults	1. Order Type (Required)	CO	DCTO
P4210	ZJDE0003	Defaults	1. Order Type (Required)	SG	DCTO
P4210	ZJDE0004	Defaults	1. Order Type (Required)	SB	DCTO
P4210	ZJDE0005	Defaults	1. Order Type (Required)	SD	DCTO
P4210	ZJDE0006	Defaults	1. Order Type (Required)	SO	DCTO
P4210	ZJDE0007	Defaults	1. Order Type (Required)	ST	DCTO
P4210	ZJDE0008	Defaults	1. Order Type (Required)	SO	DCTO
P4210	ZJDE0009	Defaults	1. Order Type (Required)	SO	DCTO
P4210	ZJDE0010	Defaults	1. Order Type (Required)	SO	DCTO
P4210	ZJDE0011	Defaults	1. Order Type (Required)	SO	DCTO
P4210	ZJDE0012	Defaults	1. Order Type (Required)	SO	DCTO
P4210	ZJDE0013	Defaults	1. Order Type (Required)	SO	DCTO





Version Workbench – Customer case – copy Versions

Version Workbench - [Mass Version Copy]

File Edit Preferences Form Window Help

Tools: Select Find Close Seg... New... Dis... Abo Links Select... OLE ... Internet

Copied Versions will be added to OMW Project: 080910 - CS - PY811 to PD811

Interactive Batch

Interactive From: * [] To: * []

Version Prefix: [HK] New Prefix: [CS]

Interactive	Version	Description
<input checked="" type="checkbox"/>	P0004A	HKCS001 Document Types (00/DT)
<input checked="" type="checkbox"/>	P0011	HK090008 Recurring Journals in Proof Mode
<input checked="" type="checkbox"/>	P0011	HK120016 Proof Depreciation Journal
<input checked="" type="checkbox"/>	P0011	HK120019 Proof Disposal Journal H. J.
<input checked="" type="checkbox"/>	P0011	HKAP001 Proof Invoice Journal (V)
<input checked="" type="checkbox"/>	P0011	HKAP002 Proof domestic Payments (M)
<input checked="" type="checkbox"/>	P0011	HKAR001 Proof Invoice Journal (IB)
<input checked="" type="checkbox"/>	P0011	HKAR002 Proof receipt Payment Journal (RB)
<input checked="" type="checkbox"/>	P00191	HKCS001 (Service) Work order labor rates
<input checked="" type="checkbox"/>	P00191	HKCS002 (Service) Text Module
<input checked="" type="checkbox"/>	P007101	HKIS001 Work with Intrastat Interface
<input checked="" type="checkbox"/>	P007101	HKWI001 (Warehouse) Work with Intrastat Interface
<input checked="" type="checkbox"/>	P01012	HKCS001 address book master
<input checked="" type="checkbox"/>	P01012	HKMD001 Address Book Master

Row:1



Tools
Form
Copy
History
Export
Import

Can. Dis. Abs. Links Copy OLE ... Internet

Select Taskview to copy or export

- Source Selection
 - End-User Tasks 01
 - End-User Tasks 02
 - End-User Tasks 03
 - End-User Tasks 04
 - Sennheiser Main Menu
 - Master data
 - KG
 - SVS
 - GN
 - SEI
 - K+H
 - SE Nordic
 - SE Nordic Norway
 - SE Nordic Sweden
 - SE Nordic Finland
 - SE NM
 - SEF
 - SE UK
 - EDI
 - SLS
 - SE Japan
 - SE Hong Kong
 - SE Beijing
 - SE Asia
 - Demo Content Development Tools
 - SE CES
 - Content Development Tools
 - Power User Tasks

Select Taskview to place copy or import under

- Target Selection
 - End-User Tasks 01
 - End-User Tasks 02
 - End-User Tasks 03
 - End-User Tasks 04
 - Sennheiser Main Menu
 - (10) Master data
 - (20) KG
 - (30) SVS
 - (40) GN
 - (80) SEI
 - (90) K+H
 - (100) SE Nordic
 - (110) SE Nordic Norway
 - (120) SE Nordic Sweden
 - (125) SE Nordic Finland
 - (130) SE NM
 - (140) SEF
 - (150) SE UK
 - (160) EDI
 - (170) SLS
 - (180) SE Japan
 - (190) SE Hong Kong
 - (200) SE Beijing
 - (210) SE Asia
 - (220) Demo Content Development Tools
 - (230) SE CES
 - Content Development Tools
 - Power User Tasks



Tools

- Calendar
- Calculato
- Work Cent
- Internal Ma
- External Ma
- Internet
- Create Short
- Send Short

OK Can... Dis... Abo Links Displ... OLE ... Internet

Copy taskview 'SE Hong Kong' to Parent taskview 'Sennheiser Main Menu'

Task Description SE Singapore

Sequence in Parent 240

Specify Versions (for Prefixes use * for wildcards) with their replacement during generation.

Version (prefix)	HK*	replace with	CS
Version (prefix)		replace with	
Version (prefix)		replace with	
Version (prefix)		replace with	
Version (prefix)		replace with	
Version (prefix)		replace with	

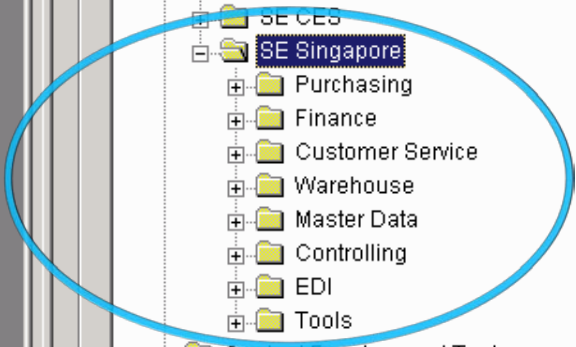


- Tools
- Form
- Copy
- History
- Export
- Import

Can... Dis... Abo Links Copy OLE ... Internet

Select Taskview to copy or export

- KG
- SVS
- GN
- SEI
- K+H
- SE Nordic
- SE Nordic Norway
- SE Nordic Sweden
- SE Nordic Finland
- SE NM
- SEF
- SE UK
- EDI
- SLS
- SE Japan
- SE Hong Kong
- SE Beijing
- SE Asia
- Demo Content Development Tools
- SE CES
- SE Singapore**
 - Purchasing
 - Finance
 - Customer Service
 - Warehouse
 - Master Data
 - Controlling
 - EDI
 - Tools
- Content Development Tools
- Power User Tasks



H. J.

Select Taskview to place copy or import under

- Target Selection
 - End-User Tasks 01
 - End-User Tasks 02
 - End-User Tasks 03
 - End-User Tasks 04
 - Sennheiser Main Menu
 - Content Development Tools
 - Power User Tasks





Version Workbench

- ✓ Version Explorer:
 - ✓ Freezepoints
 - ✓ Compare
 - ✓ QA
- ✓ Mass Maintenance on Processing Options and Data Selection
- ✓ Mass Generate & Copy of Versions and Task Views
- ✓ Back-up and restore
- ✓ Audit trail of your changes



Version Workbench –

Customer case: ROI – avg. 4 weeks

	<u>OMW</u>	<u>Version Workbench</u>
Copy Versions	2 days	2 hours
Update Processing options	1 day	0.5 days
Update Selection criteria	1 day	0.5 days
Copy menu	2 days (per environment)	5 minutes



Version Workbench

Will maintain processing option values and data selections consistently across all of your versions



In the end.....



In the end there is only
one challenge.....



The annual Tour d'Afrique, a 11,718 km bicycle expedition and race from Cairo to Cape Town.

This classic route will challenge you physically and mentally like no other

and reward you with scenes of unsurpassed splendor and an incomparable feeling of accomplishment



Thank you
Tot ziens

