Expert Guide to the Asset History Sheet Report

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Meet Thomas

• Thomas Michael
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Agenda

• Overview
• Selection screen
• Report output
• Limitations of standard report
• Report enhancement
• Configuration
• Summary

Introduction

- The Asset History Sheet report is the most powerful report in Asset Accounting
- Roll-forward layout (beginning balances + asset activity = ending balances)
- All asset activity on 1 page
- Unique hybrid report – combines balanced-based report with transaction-based report
- Must be configured correctly to be used in your company

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Overview

SAP Easy Access

Combines balance-based reporting values with transaction-based values.

Up to 8 columns and 10 lines.

- ▽ 🗀 Fixed Assets
  - ▷ 🗀 Posting
  - ▷ 🗀 Asset
  - ▷ 🗀 Periodic Processing
  - ▽ 🗀 Information System
    - ▽ 🗀 Reports on Asset Accounting
      - ▷ 🗀 Individual Asset
      - ▷ 🗀 Asset Balances
      - ▽ 🗀 Notes to Financial Statements
        - ▽ 🗀 International
          - S_ALR_87011990 - Asset History Sheet
          - S_ALR_87011992 - Liabilities from Leasing Agreements
          - S_ALR_87011994 - Asset Balances

Technical name:
RAGITT_ALV01
Transaction:
S_ALR_87011990

Secret: AR02

Overview (cont.)

- Most powerful report in AA because the logic and layout can be configured according to a company's requirements
- Roll-forward layout
  (Beg. Balances +/- Activity = Ending Balances)
- Not to be confused with the Asset History report

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Overview (cont.)

- Report must be started with an History Sheet Version which must be configured correctly
- Standard SAP versions are just examples – not necessarily good to use!

Further settings

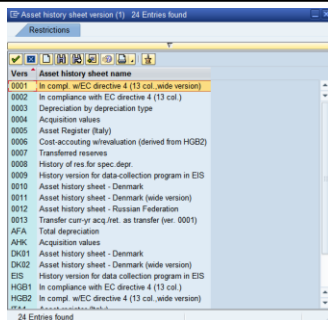|		
History sheet version	0001	In compl. w/EC directive 4 (13 col.,wide version)
☐ Depreciation posted		

Overview (cont.)

- Sample versions
- <u>Do not use</u> these for your company!

Asset history sheet version (1)   24 Entries found

Restrictions

Vers	Asset history sheet name
0001	In compl. w/EC directive 4 (13 col.,wide version)
0002	In compliance with EC directive 4 (13 col.)
0003	Depreciation by depreciation type
0004	Acquisition values
0005	Asset Register (Italy)
0006	Cost-accouting w/revaluation (derived from HGB2)
0007	Transferred reserves
0008	History of res.for spec.depr.
0009	History version for data-collection program in EIS
0010	Asset history sheet - Denmark
0011	Asset history sheet - Denmark (wide version)
0012	Asset history sheet - Russian Federation
0013	Transfer curr-yr acq./ret. as transfer (ver. 0001)
AFA	Total depreciation
AHK	Acquisition values
DK01	Asset history sheet - Denmark
DK02	Asset history sheet - Denmark (wide version)
EIS	History version for data collection program in EIS
HGB1	In compliance with EC directive 4 (13 col.)
HGB2	In compl. w/EC directive 4 (13 col.,wide version)

24 Entries found

Overview (cont.)

- History Sheet Version determines:
  - Report layout (columns and rows)
  - What values appear in what fields
  - What values to leave out
  - If the report is complete or not

- In other words, you can determine how values will show up on your own history sheet version!

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Selection screen

Asset History Sheet

Standard selection screen/options

Company code	3000	to	
Asset number		to	
Sub-number		to	

Dynamic Selections available

(almost all asset master data fields can be selected)

Selections			
Asset class		to	
Business area		to	
Cost center		to	
Plant		to	
Location		to	
Asset super number		to	

Selection screen (cont.)

Settings		
Report date	12/31/2011	
Depreciation area	01	Book deprec.
Sort version	0001	Co. code/bus. area/bal. item/B/S acc
Translation method		

Report date = **Year-to-date** reporting only!

- ⦿ List assets
- ○ ... or main numbers only
- ○ ... or group totals only

Depreciation Area – run for any area, i.e. Financial Book or Tax, etc.

Sort Version – sort/sub-total as you require

Translation method – run report in any currency

Selection screen (cont.)

Display options

☐ Use ALV grid ◄—— **ALV** = 1 row per asset (for easy Excel download)

Further selections

Balance sheet account		to
Capitalization date		
Depreciation key		

History sheet version
• Contains layout & report logic
• Select the correct version

Further settings

History sheet version `0001`   In compl. w/EC directive 4 (

☐ Depreciation posted

Planned or **Posted** depreciation

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Output with PLANNED depreciation

Asset History Sheet

Asset History Sheet - 01 Book deprec.
In compl. w/EC directive 4 (13 col.,wide version) (incomplete)

Report dat
Created o

CompanyCode
3000

Asset	SNo.	Cap.date	Asset description					
APC FY start		Acquisition	Retirement	Transfe				
Dep. FY start		Dep. for year	Dep.retir.	Dep.transfe				
Bk.val.FY strt								
3378	0	01/01/2004 Company Car (Lincoln)						
49,930.00		0.00	0.00	0.00	0.00	0.00	49,930.00	
37,091.00-		6,242.00-	0.00	0.00	0.00	0.00	43,333.00-	
12,839.00							6,597.00	
3379	0	01/01/2004 Company Car (Pontiac)			USD			
33,800.00		0.00	0.00	0.00	0.00	0.00	33,800.00	
25,109.00-		4,225.00-	0.00	0.00	0.00	0.00	29,334.00-	
8,691.00							4,466.00	
3380	0	01/01/2004 Company Car (Chrysler)			USD			
29,900.00		0.00	0.00	0.00	0.00	0.00	29,900.00	
22,212.00-		3,738.00-	0.00	0.00	0.00	0.00	25,950.00-	
7,688.00							3,950.00	
*Company Code	3000	IDES US INC	0.00	0.00	USD	0.00	113,630.00	
113,630.00		0.00	0.00	0.00	0.00	0.00	98,617.00-	
84,412.00-		14,205.00-	0.00	0.00	0.00	0.00	15,013.00	
29,218.00								

Wrong History Sheet version (according to European GAAP)! And it's *incomplete*!

Output with PLANNED depreciation

Output with PLANNED depreciation

Output with PLANNED depreciation

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Output with PLANNED depreciation

Asset History Sheet

Report date: 12/31/2011   Asset History Sheet - 01 Book deprec.
Created on: 02/28/2011   In compl. w/EC directive 4 (13 col.,wide version) (incomplete)

CompanyCode
3000

Asset	SNo. Cap.date	Asset description		Crcy		
APC FY start	Acquisition	Retirement	Transfer	Post-capital.	Invest.support	Current APC
Dep. FY start	Dep. for year	Dep.retir.	Dep.transfer	Dep.post-cap.	Write-ups	Accumul. dep.
Bk.val.FY strt						Curr.bk.val.

3378   0   01/01/2004 Company Car (Lincoln)   USD
     49,930.00   0.00   0.00   0.00   0.00   49,930.00
     37,091.00-   6,242.00-   0.00   0.00   0.00   43,333.00-
     12,839.00   6,597.00
3379   0   01/01/2004 Company Car (Pontiac)   USD
     33,800.00   0.00   0.00   0.00   0.00   33,800.00
     25,109.00-   4,225.00-   0.00   0.00   0.00   29,334.00-
      8,691.00   4,466.00
3380   0   01/01   **PLANNED** depreciation values for asset
     29,900.00   (Year-to-date)   0.00   0.00   29,900.00
     22,212.00-   0.00   0.00   25,950.00-
      7,688.00   3,950.00

*Company Code   3000   IDES US INC   USD
    113,630.00   0.00   0.00   0.00   0.00   113,630.00
     84,412.00-   14,205.00-   0.00   0.00   0.00   98,617.00-
     29,218.00   15,013.00

PLANNED depreciation in Asset Explorer

Asset Explorer

Asset 3000-3378/0000   Company Code
▽ Depreciation Areas   Asset
  01 Book depreciation
  10 Federal Tax ACRS   **PLANNED** depreciation values for asset in
  11 Alternative Mini   the Asset Explorer (transaction **AW01N**)
  12 Adjusted Current   Fiscal year   ◀ 2011 ▶
  13 Corporate Earning
  17 Fed Tax MACRS (f   Planned values | Posted values | Comparisons | Parameters
  30 Consolidated bal.
  31 Consolidated bal.
  32 Book depreciatio   Planned values Book depreciation
  40 State modified A

Value	Fiscal year start	Change	Year-end	Crcy
APC transactions	49,930.00		49,930.00	USD
Investment support				USD
Acquisition value	49,930.00		49,930.00	USD
Ordinary deprec.	37,091.00-	6,242.00-	43,333.00-	USD
Unplanned dep.				USD
Write-up				USD
Value adjustment				USD
Net book value	12,839.00	6,242.00-	6,597.00	USD

Search for related objects ...

Selection screen (cont.)

Program   Edit   Goto   System   Help

Asset History Sheet

Further settings
History sheet version   0001   In compl. w/EC directive 4
☑ Depreciation posted

Posted depreciation

Output with POSTED depreciation

Asset History Sheet Based on Posted Depreciation

Where did the depreciation go?

Output with POSTED depreciation

Asset Explorer

PLANNED depreciation values for asset in the Asset Explorer (transaction **AW01N**)

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Report Limitations

- Asset History Sheet = most powerful report in Asset Accounting - however…

Report Limitations

- However…
- Can only be run on year-to-date basis; not for individual periods or ranges of periods, i.e.
  - Can't run it for the month of March
  - Can't run it for Q2
- Cannot be run for individual periods for prior, closed fiscal years, i.e.
  - Can't run it for last September or any other period for prior years
  - Can only run it for 12/31 for closed FYs

Report Limitations (cont.)

Settings		
Report date	09/30/2009	
Depreciation area	01	Book deprec.
Sort version		

No from/to period!
Always just Year-to-Date possible!

No prior periods in prior, closed fiscal years!

❌ Report date 09/30/2009 is invalid for this report

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Report Enhancement

- The enhancement solves these problems!
- Run the Asset History Sheet for any period – in open or closed fiscal years
- Report does not have to be run year-to-date
- Will display the beginning period values (not beginning of the year)

Report Enhancement (cont.)

Program   Edit   Goto   System   Help

Asset History Sheet based on periods

Period from-to

| Period from | 1 | To | 1 |
| Fiscal Year | 2010 | | |

**Select a from/to period –
even in closed fiscal years!**

Everything else is standard!

Report Enhancement (cont.)

Asset History Sheet based on periods

From/to periods

Asset History Sheet based on periods - Period 3 To 5 - 01 Book deprec
In compl. w/EC directive 4 (13 col.,wide version) (incomplete)

Report date: 05/31/2011 - Created on: 03/03/2011

Asset	SNo.	Asset description		APC FY start		Dep. FY start		Bk.val.FY strt		Acquisition		Dep. for year	
3378	0	Company Car (Lincoln)		49,930.00		37,612.00-		12,318.00		0.00		780.00-	
3379	0	Company Car (Pontiac)		33,800.00		25,462.00-		8,338.00		0.00		528.00-	
3380	0	Company Car (Chrysler)		29,900.00		22,524.00-		7,376.00		0.00		467.00-	
Asset Class 3100 Vehicles			•	**113,630.00**	•	**85,598.00-**	•	**28,032.00**	•	**0.00**	•	**1,775.00-**	
Acquisition:Acquis. and production costs			• •	**113,630.00**	• •	**85,598.00-**	• •	**28,032.00**	• •	**0.00**	• •	**1,775.00-**	
Company Code 3000 IDES US INC			• • •	**113,630.00**	• • •	**85,598.00-**	• • •	**28,032.00**	• • •	**0.00**	• • •	**1,775.00-**	

Not **Beginning-of-the-Year** values but
Beginning-of-the-selected-period instead!

Report Enhancement (cont.)

- Report enhancement:
  - makes monthly G/L reconciliation fast & easy
  - simply sub-total by G/L account and compare to FS10N
  - allows prior-year reporting for any period or range
  - installs in 30 minutes
- Learn more & see demo:
  - http://www.michaelmanagement.com/sdt01.asp

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Configuration

- Understanding transaction types, asset history sheet groups, asset history sheet positions
- Configuration & Testing

Transaction Types

- Every asset transaction requires a Transaction Type

Create asset transactions: Initial Screen

Company Code	3000
Asset	4239
Subnumber	0

Date specif.

Document Date	02/21/2013
Posting Date	02/21/2013
Posting Period	2

Transact

Transaction Type	100

Transaction Types

- Transaction Types are assigned to an Asset History Sheet Group

Trans. Type	100	External asset acquisition
Transaction type grp	10	Acquisition

Account assignment
- ⦿ Debit transaction
- ○ Credit transaction
- ☑ Capitalize fixed asset
- ☐ Deactivate fixed asset

Document type	AA	Asset posting

Posting type
- ○ Post to affiliated company   ○ Post Gross
- ⦿ Do not post to affiliated co.   ⦿ Post Net

Other features
- ☐ Cannot be used manually   ☐ Set changeover year

Consolidation transaction type	120	Acquisitions
Asst hist sheet grp	10	Acquisition

Asset History Sheet Groups

• **Asset History Sheet Groups** are used to group different, yet similar transaction types together

Change View ""Asset History Sheet Gr

New Entries

Grp	Name asset hist. sheet group
10	Acquisition
12	Reverse acquisition in following years

TTy...	Transaction type name
020	Acquisition:Cost-accounting area only
030	Acquisition in the group area
040	Acquisition in the tax area only
060	Acq. areas 01, 02, 20
100	External asset acquisition
101	Acquisition for a negative asset
105	Credit memo in acquis. year
106	Credit memo in invoice year to affiliated company
110	In-house acquisition
115	Acquisition from settlement from CO to assets

To-Do

• Things you need to do in your SAP system:
  – Go through all transaction types and identify the ones you are actually using
  – Consider locking the rest or using the user exit to limit access to specific power users
  – Verify that all transaction types you are using are assigned to the correct AHS Group
  – Remember that different countries have different accounting rules

Asset History Sheet Versions

• Asset History Sheet Versions contain so-called Positions (or 'buckets' of values, i.e. Acquisitions, Retirements, etc.)

Maintain Asset History Sheet Version: EN 0001

Details   Left column   Right column

Ast.hist.sht.version   0001   In compl. w/EC directive 4 (13 col.,wide version)
Language Key   EN
☐ Hist.sheet complete

Hist. sheet positions

		Column	00 Column	10 Column	20 Column
Line	02	APC FY start	Acquisition	Retirement	Transfer
Line	04	Dep. FY start	Dep. for year	Dep.retir.	Dep.transfer
Line	06	Bk.val FY strt			

Asset History Sheet Positions

- Asset History Sheet Groups are assigned to Positions (this connects the asset transaction with a place or 'bucket' on the report)

Maintain Items In Asset History Sheet Version 0001

Information   Item-   Item+   Previous page   Next page

Version 0001   Ln 02 Co 10   Hist.sht.item   Acquisition

Allocation to hist. sheet positions

		---Acc.dep.---				*-App-*	
Grp	Name asset hist. sheet group	Trn	Ord	Spc	Up1	6B	Trn	Ord
10	Acquisition	X	.	.	.	.		
12	Reverse acquisition in following years	X						
15	Down payment	X						

Asset History Sheet Positions

- Assign a Group to a Position by placing an X in the column.
- A period indicates that this group/position has already been assigned elsewhere on your Asset History Sheet version.

Maintain Items In Asset History Sh

Information   Item-   Item+   Previous page   Next pag

Version 0001   Ln 02 Co 10   Hist.sht.item   Acquisition

Allocation to hist. sheet positions

Careful!
SAP will not keep you from double-assigning a group to a position!

		---Acc.dep.---				*-App-*	
Grp	Name asset hist. sheet group	Trn	Ord	Spc	Up1	6B	Trn	Ord
10	Acquisition	X	.	.	.	.		
12	Reverse acquisition in following years	X						
15	Down payment	X						

Asset History Sheet Positions

- The columns represent:
- TRN = Transaction value
- Acc. dep. = Ordinary, special or unplanned depreciation

Maintain Items In Asset History Sheet Version 0001

Information   Item-   Item+   Previous page   Next page

Version 0001   Ln 02 Co 10   Hist.sht.item   Acquisition

Allocation to hist. sheet positions

		---Acc.dep.---				*-App-*	
Grp	Name asset hist. sheet group	Trn	Ord	Spc	Up1	6B	Trn	Ord
10	Acquisition	X	.	.	.	.		
12	Reverse acquisition in following years	X						
15	Down payment	X						

Asset History Sheet Versions

- When you have assigned all groups to a position SAP will automatically indicate that your Asset History Sheet Versions is complete.

Maintain Asset History Sheet Version: EN 0001

Details   Left column   Right column   🗑

Ast.hist.sht.version	0001	In compl. w/EC directive 4 (13 col.,wide version)
Language Key	EN	

☐ Hist. sheet complete

Hist. sheet positions

		Column	00	Column	10	Column	20	Column
Line	02	APC FY start		Acquisition		Retirement		Transfer
Line	04	Dep. FY start		Dep. for year		Dep.retir.		Dep.transfer
Line	06	Bk val FY strt						

To-Do

- Things you need to do in your SAP system:
  - Create your own AHS Version
  - Consider creating multiple versions for different reporting requirements (i.e. book vs tax, etc.)
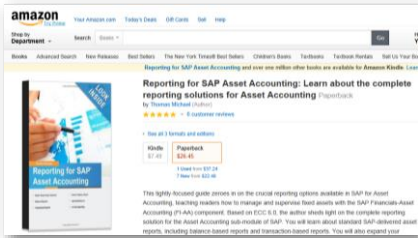 - Make sure all versions are complete

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Resources

- Thomas Michael, Reporting for SAP Asset Accounting
  - http://amzn.com/1494347326

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Five Key Ideas

- Asset History Sheet is the most powerful report in Asset Accounting

- History Sheet version must be configured according to your requirements – do not use SAP samples

- Report shows Beginning/Ending Balances plus asset activity for the reporting timeframe

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Five Key Ideas (cont.)

- Standard report has significant limitations:
  - No period reporting possible
  - No period reporting for prior/closed FY

- MMC report enhancement allows:
  - Run report by period with period-correct beginning / ending values
  - Run report for prior, closed years and periods

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Controlling 2016 Conference

- http://controlling.erpcorp.com/
- September 12-15, 2016 in San Diego
- Thomas is presenting sessions on:
  - What every SAP Controlling professional needs to know when it comes to your career, training, and salary
  - Top 10 best practices for year-end closing in PS and AA
- Use discount code AssetsWebinar for $100 off of registration through May 31, 2016

Q&A

- Comments & Questions

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