

# General Ledger in SAP ERP 6.0



Solution Management Financials  
SAP AG

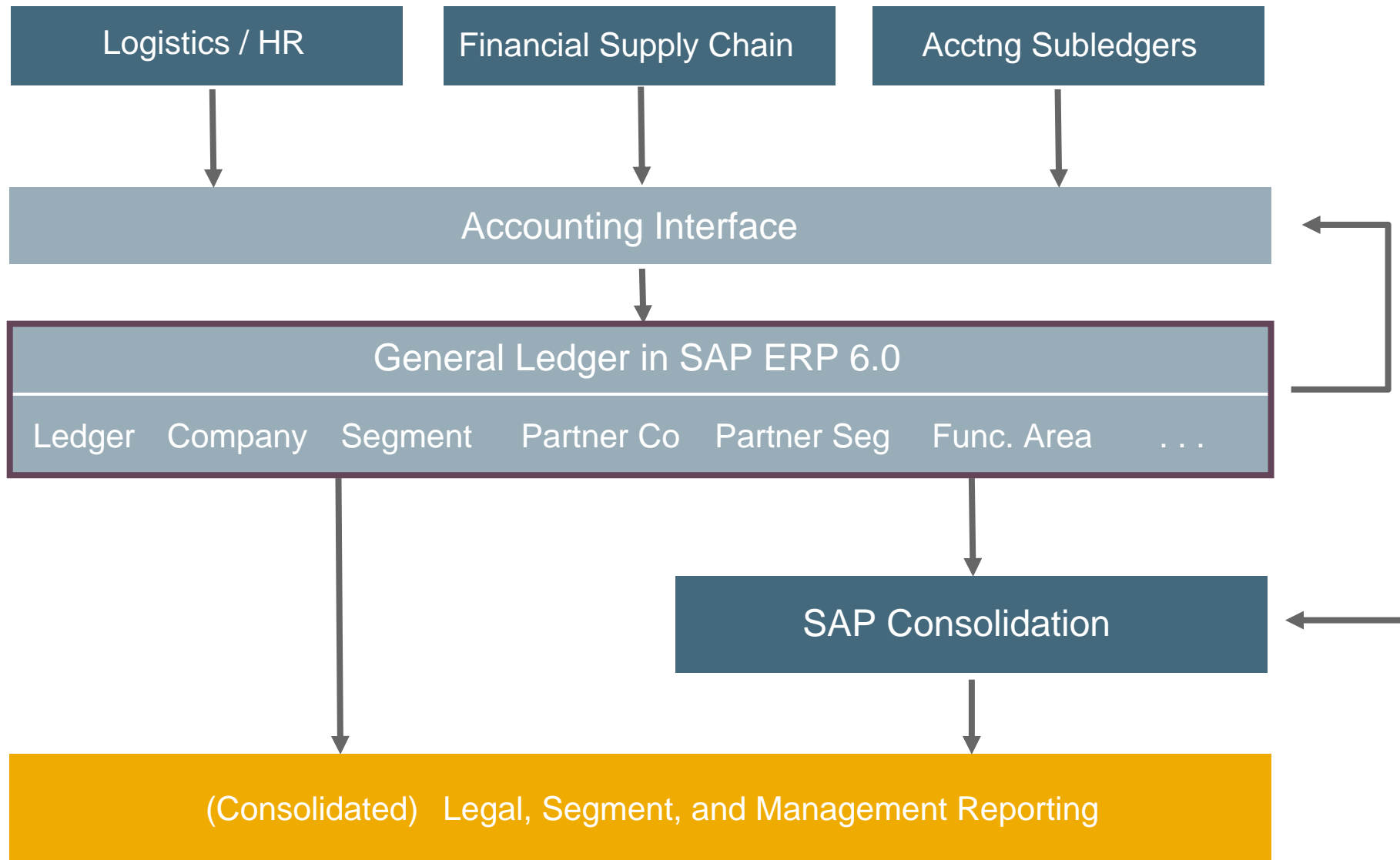
# Agenda



- 1. Requirements and Architecture**
2. Benefits of the General Ledger
3. Positioning and Availability
4. Customers
5. Summary



# General Ledger in SAP ERP 6.0 – Architecture



## General

- Ledger

## Org Units

- Company
- Segment
- Profit Center
- Partner Company
- Partner Segment
- Partner Profit Center

## Account + Subacnts

- Account
- Transaction Type
- Functional Area
  
- Value in TC
- Value in LC
- Value in GC

## Industry Template

- + Grant
- + Fund
- + ...

ERP 2005

## Customer Extension

- + ...
- + ...

Despite its flexibility, General Ledger is **no** substitute for SAP Profitability Analysis or SAP Business Information Warehouse.

Reasons: Data volume, performance, functionality.

# Agenda



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# New General Ledger – Benefits and Concepts



## Document entry

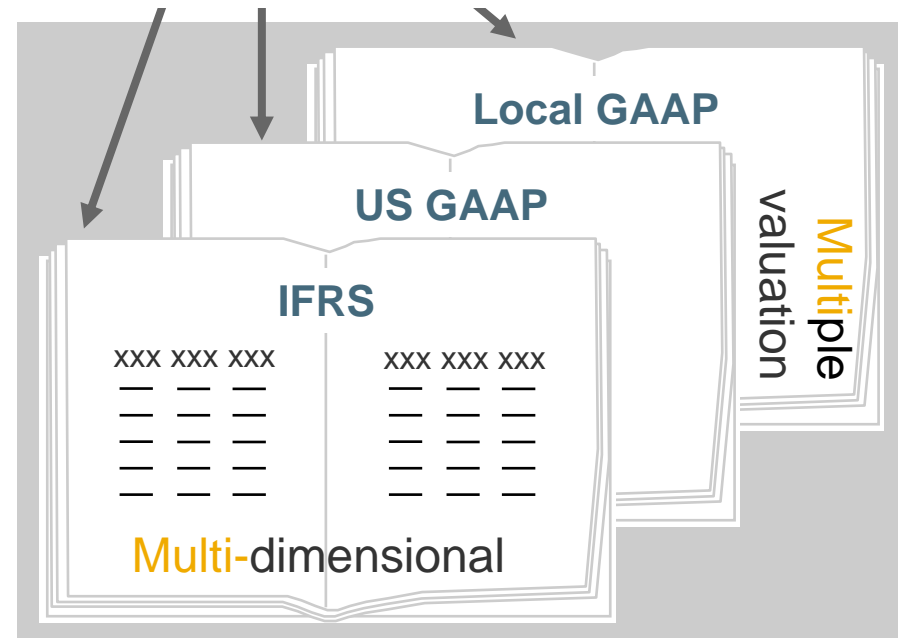
Acct / SEG	Debit	Credit
-----	100	
----- A		60
----- B		40

Online  
Split

## Multi-dimensional balancing

Acct / SEG	Debit	Credit
----- A	60	
----- B	40	
----- A		60
----- B		40

## Multi-ledger update



## Benefits of the New GL:

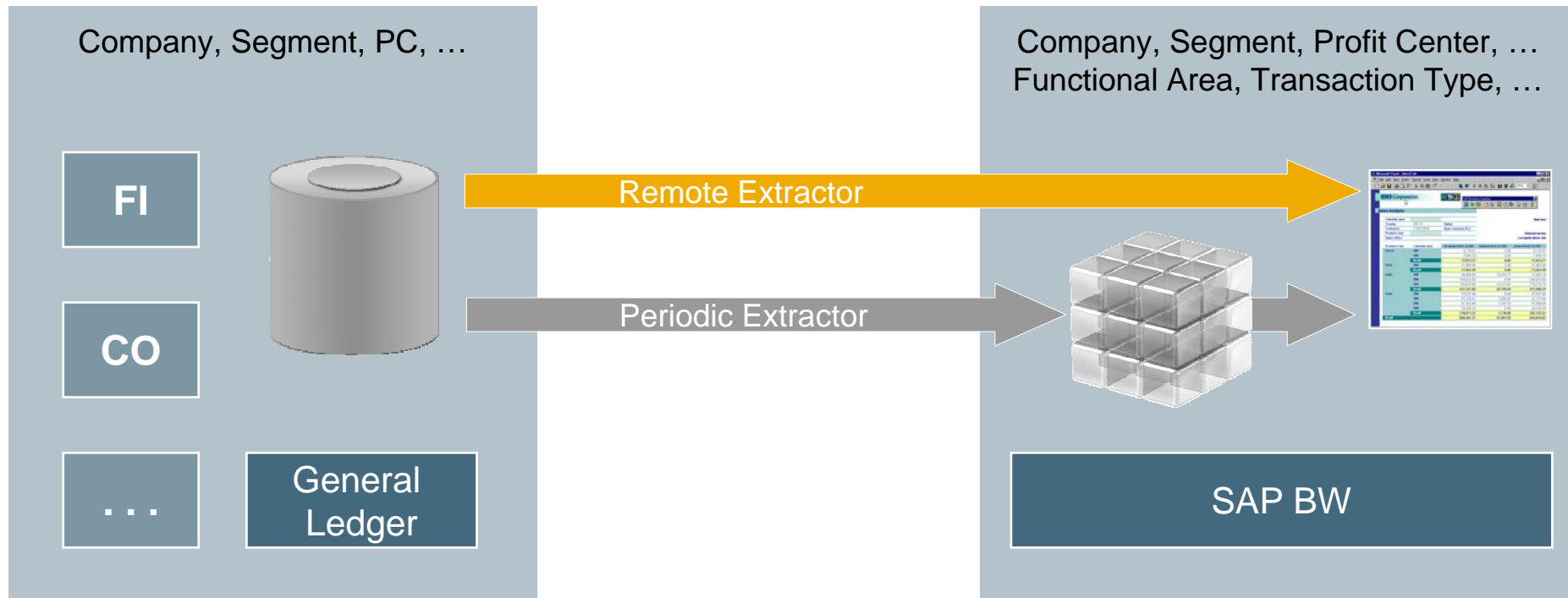
- Unified Financial & Management Acctg
- Extensibility for customer dimensions
- Support of multiple reporting rqmnts
- Support of Parallel Accounting
- Fast Close
- Increased transparency
- Reduced TCO



## Unified Financial and Management Accounting

- One version of the truth – stored in the General Ledger
  - Same valuation
  - No inconsistency
  - No reconciliation
  
- Supports different reporting purposes
  - Legal entity reporting
  - Segment reporting
  - Management reporting
  
- Multi-dimensional analysis
  - Account analysis, Drilldown reporting
  - BW Remote reporting – slide and dice for all dimensions
  - Pre-defined reports delivered as SAP content





SAP ERP 6.0 is based on SAP NetWeaver which includes BW reporting.  
**Therefore, there is only 1 system required.**



## Extensibility for customer dimensions

- Option to expand standard accounting with
  - Industry specific fields
  - Customer-defined fields
- Meets international expectations
  - Integration of management dimensions in the GL
  - Supports allocation on additional dimensions in the GL
- Important for industry solutions
  - Possibility to adjust to own requirements and terminology



## Balanced Books for any dimension

- Essential for segment reporting and management reporting
  - Balance sheet for segments
  - KPI including B/S accounts
- Important for various industries
  - Public sector, Insurance, Media, ...
  - Often legal requirements
- Dimensions can be defined in the configuration.
- There is a new standard field segment in SAP ERP 6.0.
  - Segment is derived from a profit center (PC).
  - It can be filled manually or defaulted.
  - Option to determine it via a BAdI (Business AddIn)
  - Recommended for segment reporting (in case there are too many PCs)

# Balanced Books for any Dimension – Entry View



SAP

Document Edit Goto Extras Settings Environment System Help

Display Document: Data Entry View

Taxes Display Currency General Ledger View

Data Entry View

Document Number 1900000009 Company Code 1000 Fiscal Year 2006

Document Date 03.04.2006 Posting Date 03.04.2006 Period 4

Reference Cross-CC no.

Currency EUR Texts exist ☐ Ledger Group

C...	Itm	PK	S	Account	Description	z	Amount	Curr.	Tx	Cost Center	Profit Center	Segment
1000	1	31		1000	Becker Berlin		1.000,00-	EUR	1I			
	2	40		400000	Consumptn, raw mat.1		545,45	EUR	1I	CC01	PC01	SEG1
	3	40		400000	Consumptn, raw mat.1		363,64	EUR	1I	CC02	PC02	SEG2
	4	40		154000	Input tax		90,91	EUR	1I			
							0,00	EUR				

Expenses are entered for two cost centers from which profit centers and segments are derived. Payables are entered as one total amount.  
The total tax amount is derived accordingly.

# Balanced Books for any Dimension – GL View



SAP

Document Edit Goto Extras Settings Environment System Help

Display Document: General Ledger View

Taxes Display Currency Entry View Other Ledger

Data Entry View

Document Number 1900000009 Company Code 1000 Fiscal Year 2006  
Document Date 03.04.2006 Posting Date 03.04.2006 Period 4  
Reference Cross-CC no.  
Currency EUR Texts exist Ledger Group

Ledger OL

Doc. 1900000009 Fiscal Year 2006 Period 4

Co...	Itm	L.item	PK	Account	Description	Amount	Curr.	Tx	Cost Center	Profit Center	Segment
1000	1	000001	31	160000	AP-domestic	600,00	EUR	1I		PC01	SEG1
1000	2	000003	40	400000	Consumptn, raw mat.1	545,45	EUR	1I	CC01		SEG1
1000	4	000005	40	154000	Input tax	54,55	EUR	1I			SEG1
						0,00	EUR			PC01	
1000	1	000002	31	160000	AP-domestic	400,00	EUR	1I		PC02	SEG2
1000	3	000004	40	400000	Consumptn, raw mat.1	363,64	EUR	1I	CC02		SEG2
1000	4	000006	40	154000	Input tax	36,36	EUR	1I			SEG2
						0,00	EUR			PC02	
						0,00	EUR				

In the GL view, payables and taxes are split **online** by profit centers and segments. The ratio is picked from the expense items.

## Entry View

### Vendor Invoice

PK	Account	PrCtr	CCtr	Amount
40	Expense	PC01	CC01	400
40	Expense	PC02	CC02	600
31	Payables			1000-

Document 4711

Enrichment

## GL View

### Vendor Invoice

PK	Account	PrCtr	CCtr	Amount
40	Expense	PC01	CC01	400
40	Expense	PC02	CC02	600
31	Payables	PC01		400-
31	Payables	PC02		600-

**Totals**

Posting

Single  
Items

Doc 4711

Posting

**Split  
Info  
Table**

The split info (PC01 40%,  
PC02 60%) is stored for usage  
in subsequent processes.

In a first automatic step, additional costs are broken down according to the split info.

## Entry View

### Payment

PK	Account	PrCtr	CCtr	Amount
25	Payables			1000
50	Bank			970-
50	Discount			30-

## Enriched Document

### Payment

PK	Account	PrCtr	CCtr	Amount
25	Payables			1000
50	Bank			970-
50	Discount	PC01	CC01	12-
50	Discount	PC02	CC02	18-

**Split of the discount**



The split info (PC01 40%, PC02 60%) is applied on the discount of the payment.

## Enriched Document

### Payment

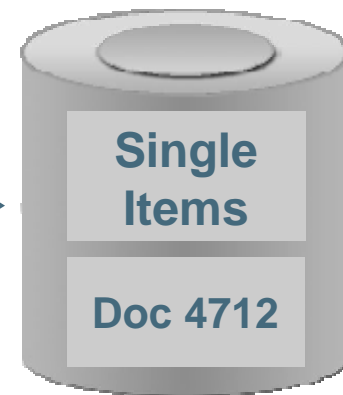
PK	Account	PrCtr	CCtr	Amount
25	Payables			1000
50	Bank			970-
50	Discount	PC01	CC01	12-
50	Discount	PC02	CC02	18-

## GL View

PK	Account	PrCtr	CCtr	Amount
25	Payables	PC01		400
25	Payables	PC02		600
50	Bank	PC01		388-
50	Bank	PC02		582-
50	Discount	PC01	CC01	12-
50	Discount	PC02	CC02	18-

## Cleared Document

## Enrichment



Posting

Posting

The split info (PC01 40%, PC02 60%) is also applied on payables and bank account.





## Parallel Accounting

- The New General Ledger supports Parallel Accounting by using either **parallel accounts** or **parallel ledgers**.
- In New GL, **both approaches are considered equally powerful**.  
The choice will depend on the specific customer situation.
- The **parallel accounts** approach in the New GL is **as powerful as** in classic GL in R/3.
- The **parallel ledgers** approach in the New GL **is much better** than the SAP R/3 approach of using classic GL plus the special ledger application.

## Parallel Accounting – Details

- Any number of parallel ledgers
  - For parallel valuation – local GAAP, group GAAP, tax purposes
  - For different fiscal year variants
- Same UI for all ledgers (data entry, functions, reporting)
- Almost the same functionality for all ledgers
- Standard reporting for multiple ledgers
- Postings into multiple ledgers
- Postings per specific ledger
- Closing activities are run separately in parallel ledgers.



- In GL, one ledger is assigned the role of the 'leading' ledger. Group valuation is usually mapped in this ledger.
- All company codes are automatically assigned to the leading ledger (cannot be deactivated).
- If parallel reporting is done by **parallel accounts**, then there is exactly one ledger in the New GL, the leading ledger.
- For parallel reporting via **parallel ledgers**, the customer can add additional ledgers to the New GL per company code.
- The leading area of asset accounting (area 01) is posted to the leading ledger.
- Controlling is integrated to the leading ledger.

# Parallel Ledgers – Posting to all Ledgers



Document Date: 31.12.2006  
Posting Date: 31.12.2006  
Currency: EUR  
Ledger Grp:   
Reference:   
Doc.Header Text: Correction - All Ledgers  
Cross-CC no.:   
Company Code: 1000 IDES AG Frankfurt

Amount Information  
Total deb.: 0,00 EUR  
Total cred.: 0,00 EUR  
COG

If ledger is not specified at time of document entry: Posting to all defined GL ledgers  
Typical transactions: Ingoing invoice, Outgoing invoice, Payment

Ledger A  
(IAS)  
(leading  
ledger)

Ledger B  
(US GAAP)

Ledger C  
(HGB)

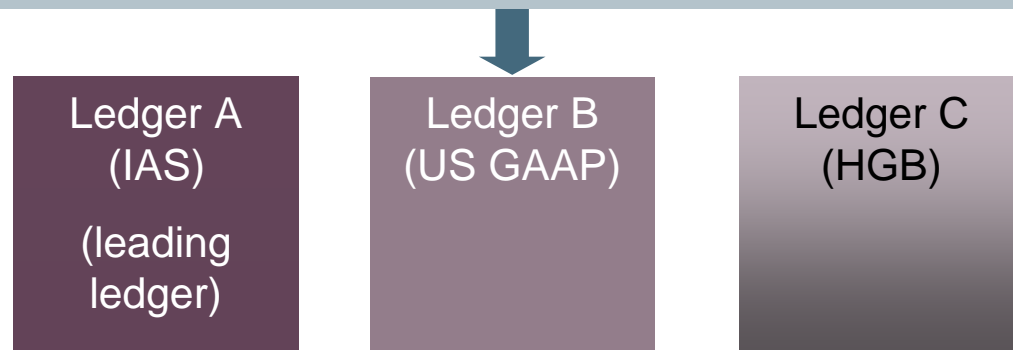
# Parallel Ledgers – Posting to one Ledger



Document Date: 31.12.2006  
Posting Date: 31.12.2006  
Currency: EUR  
Ledger Grp: B  
Reference:   
Doc.Header Text: Correction - Ledger 'B'  
Cross-CC no.:   
Company Code: 1000 IDES AG Frankfurt

Amount Information  
Total deb.: 0,00 EUR  
Total cred.: 0,00 EUR

If ledger is specified at time of document entry: Posting to the specified ledger only  
Typical transactions: Valuation postings, Period end postings



## Primary Processes

Invoices, Payments, ...



## Accounting Interface

Online split, substitution, ...



Creation of **one** document for **all parallel** ledgers

Fiscal year variant and subset of dimensions **may differ per ledger.**

## Secondary Processes, e.g. IFRS

Allocation, Currency Valuation,  
Carry Forward, ...

## Secondary Processes, Local GAAP

Allocation, Currency Valuation,  
Carry Forward, ...

Creation of **parallel documents**,  
separate documents per ledger

## Accounting Interface

Online split, substitution, ...

## Accounting Interface

Online split, substitution, ...

**Full parallel accounting:** different settings for  
valuation, fiscal year variant, selected dimensions

Ledger L1

Ledger L2



## Fast Close

Many period-end activities are no longer required:

- Document online split substitutes batch split at period end.
- Real-time posting from CO into FI - no longer at period end.
- Legal and management data are in one uniform database.  
Closing activities are run just once and not multiple times.
- One uniform database instead of multiple related databases  
saves a lot of reconciliation time.

**There is more time for analysis and better decision support.**





## Corporate Governance

- Perfect support of transparency
- Legal entity, segment and management reporting as unified whole
- Same procedures and same quality for all valuations
- Document principle, entry view linked to each ledger
- Less manual processing → less risk of non-compliance
- Less double processing → less risk of non-compliance



## TCO Reduction

### Configuration

- Best fit – no discussions about which component to choose
- Reduction of implementation costs – just one component
- Reduction of costs for end user training

### Daily Business

- Reduced manual reconciliation and balancing activities
- Less effort for enhancing / changing the system

### Technique

- No data redundancy → less data volume → reduced data storage
- Reduced ongoing maintenance and development time

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## **New Installations**

- New GL is the default setting for all new installations.

## **Upgrade Installations**

- Customers are not required to change and may continue using Classic GL.
- Customers may run a separate migration project at a later point of time.

## **New GL in ERP 2004**

- Unrestricted availability since the end of February 2005.

## **New GL in ERP 2005**

- Unrestricted availability since Q2 / 2006

## **New GL in SAP Enhancement Package 3 for SAP ERP 6.0**

- Unrestricted availability since June 2008
- More details on SAP Enhancement Packages for SAP ERP on [www.service.sap.com/erp-ehp](http://www.service.sap.com/erp-ehp)

## **New GL in SAP Enhancement Package 4 for SAP ERP 6.0**

- Planned to be available in November 2008 for Ramp-Up customers
- More details on [www.service.sap.com/rampup](http://www.service.sap.com/rampup)

## **Scenario-based „SAP General Ledger Migration“ service**

- Fully available since Q2 2007
- Migration training AC212 (for certain migration scenarios) available since Q2 2007



### **Parallel Accounting**

Posting and clearing ledger-group- specific documents on open item managed G/L accounts

### **Planning**

Cumulative display for B/S accounts during plan data entry

Real-time integration of CO plan data to G/L

Upload of plan data from external data sources

### **New Authorization Check**

for Profit Centers when posting, clearing and displaying documents

### **New Standard Reports**

for Profit Centers and Segments (Drill-Down)

### **Conversion Tool**

to transfer Classic Profit Center Reports to New G/L

# SAP Enhancement Package 4 for SAP ERP 6.0

## – New GL



### **FI-CO Reconciliation Reporting (New G/L)**

Drilldown from NewGL profit center reports to CO reports can be done dynamically depending on the origin object type (e.g. cost center, WBS element) that is selected in the sender report; Better reporting integration from FI to CO, value reconciliation between profit centers and cost objects (origin objects), transparency between FI and CO values and less reconciliation effort

### **Ledger group-specific display of documents (New G/L)**

Before EHP4: selection of documents only via ledger was possible; Now: possibility to identify and select ledger group specific postings; Customers running parallel accounting using the ledger approach covering different accounting principles can now select documents according to the ledger group and increase transparency

### **PC-Assignment-Monitor (New G/L)**

The user interface of the transaction Profit Center Accounting: Assignment Monitor (1KE4) has been extended. Using this overview, you can find and correct missing assignments more easily.

### **Validation of combinations of new G/L characteristics (New G/L)**

When entering an accounting entry, all fields are checked to see if they exist. Here also the combinations of the fields entered are checked for validity

### **Wizards for Configuration of Document Split (New G/L)**

Guided procedure for document split configuration. The wizard combines all the IMG activities relating to document splitting.

### **Ledger Specific Posting Period Check (Local Close)**

Allows to check the posting period for each single ledger

### **Posting from CO to FI in closed periods (Local Close)**

Up to now, the FI posting period had to remain open when postings from CO to FI are performed. These postings can now be handled via a separate (new) posting period interval

The New General Ledger is **default for new installations**.

It is **based on proven functionality and technology** of the classic G/L in R/3 which is currently used at more than 10.000 customers.

The **classic G/L** remains available in SAP ERP 6.0

- for upgrade customers
- for new customers with specific industry requirements (e.g. Joint Venture Accounting).



The **classic G/L** is still available in **SAP ERP 6.0**.

**Upgrade installations will continue to use their current applications per default.**  
Customers who are satisfied with their current installation will **not be required to change anything and will not be affected at all.**

SAP offers the „**SAP General Ledger Migration**“ service which combines **the general ledger migration cockpit** and **service sessions to ensure a safe migration.**

Even with the availability of **the general ledger migration cockpit**, there is **no push-button solution**. Customers are strongly advised to **set up a separate project for changing from the classic G/L to the New GL.**

- For further information about the SAP General Ledger Migration please refer to <http://service.sap.com/GLMIG>



## Scenario-based general ledger migration cockpit

- Step-by-step guidance through the migration via process tree and monitor
- Status administration with logs

## Remote service sessions

- Service session to assure right migration approach
- Service session including technical validation and plausibility checks in migrated test data
- Service session report after each session, which contains the results of the checks performed

## Back office support

- 24h/day technical development support at production weekend
- Technical development support for test migrations during working hours

Each of these components is required.

Complete migration service offered at fixed price



- Reduced complexity of migration due to scenario-based functionality and guidance
  - Efficient and targeted data migration
  - Easier to handle
- Safe data migration and quality assurance of migration project via service sessions
  - Lower risk of migration project
- Extended knowledge were produced by competent and experienced SAP consultants in new general ledger migration team
  - Roadmap / Migration guide / FAQs
- Lower cost of data migration through standardized and high quality migration procedure
  - Overall cost of the new G/L implementation project will be reduced
- Migration service is based on procedure certified by auditor

## General Ledger in SAP R/3 Enterprise

### Multiple Applications

#### **Classic GL**

Legal  
Requirements

#### **CoGS**

Ledger

#### **Profit Center Ledger**

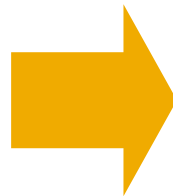
Management and  
Segment reporting

#### **Special Ledger**

Multi-dimensional,  
Customer-defined

#### **Industry Specific Ledgers**

B/S by Grant,  
Fund, Title ...



## General Ledger in SAP ERP 6.0

### SAP ERP 6.0: A Unified World

#### **General Ledger supports**

- Legal Requirements
- Mgmt. and Segment reporting
- Extensibility by Industries
- Extensibility by Customers
- Balanced book by any dimension
- Parallel sets of books
- Fast Close
- TCO reduction
- Intl. Accounting Standards
- Compliance & Transparency

## Accounting Interface

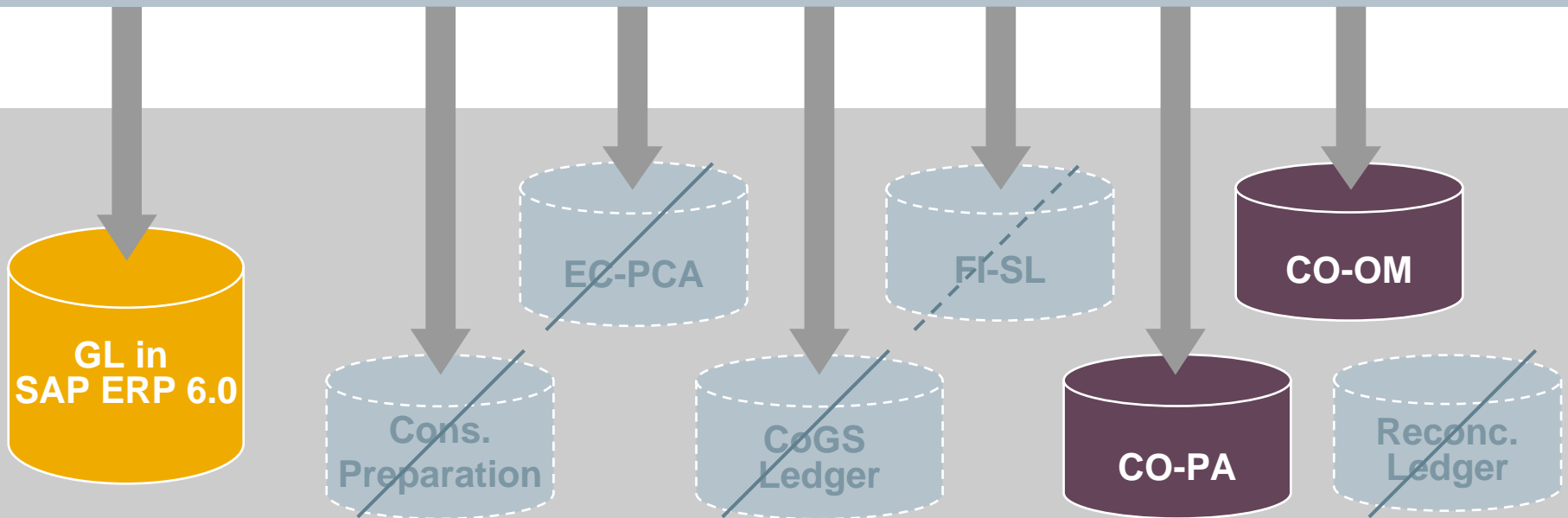
Profit Center  
Determination

Currency  
Translation

Derivation

Zero balance

Document Online Split:  
Balanced book for any dimension



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## ERP 2004 / 2005

- More than 1000 live customers\*
- 66 projects have already migrated successfully from classic G/L to New GL\*
- Further migrations projects have been started
- 30 reference customers\*

\* July 2008

# New GL Customers – References (1)



Reference Customer	Industry	Country
AIR FRANCE	Cargo Services	France
JM AB	Engineering	Sweden
AIR LIQUIDE	Chemicals	France
InfraServ	Chemicals	Germany
bebit	Engineering	Germany
CorpTech	Public Sector	Australia
HDI	Insurance	Austria
CREDIT LOGEMENT	Banking	France
Oy Karl Fazer Ab	Consumer Products	Finland
Australasian Lubricants Manufacturing	Oil & Gas	Australia

## New GL Customers – References (2)



Reference Customer	Industry	Country
BOC Gases America	Chemicals	USA
Bridgestone Americas	Automotive	USA
State of California	Public Sector	USA
The Home Depot	Retail	USA
Forest City Enterprises Inc	Professional Services	USA
Flir Systems, Inc.	Aerospace & Defense	USA
WorldSpace Inc	Telecommunications	USA
Electro Scientific Industries	Industrial Machinery	USA
Newport Corporation	Aerospace & Defense	USA
Haas Automation	Industrial Machinery	USA



# New GL Customers – References (3)



Reference Customer	Industry	Country
Nordenia	Forest Products	Malaysia
Centrica Plc	Utilities & Waste	Great Britain
BBS Bankenes	Banking	Norway
MEAG MUNICH ERGO	Insurance	Germany
CITIC Industrial Bank	Banking	China
Press Media	Higher Education	China
Rio Tinto Aluminium	Primary Metal & Mining	Australia
Socotab Frana SA	Wholesale	Switzerland
Münchener Rück	Insurance	Germany
W.R. Grace & Co.	Chemicals	USA



“We generate a balance sheet and profit and loss statement at the profit center/store level. Online document splitting enables **a very high degree of automation.**”

Ms. Byner-Bendig, Common Template  
Accounting FI/CO, Metro Group



“With the New GL in SAP ERP 6.0 we are able to **master all requirements for parallel valuation** (Local GAAP and US-GAAP)”

Dieter Bankosegger,  
Head of the Financial Accounting Department



“With New GL we have the ability to **differentiate each posting by fund** and with this new GL functionality we are benefiting from **more accurate account assignment** procedures re-designed to support our complex Fund Accounting for DWR”

Mary Smith, project manager, Department of Water  
Resources - State of California





“The functionality of the migration programs and the structured process reduced the costs and the risk in the migration project.”

Reinhold Scherer, Manager Subdivision  
Accounting, Ameco, China



“SAP’s general ledger migration team provided optimum support for the implementation of the new general ledger.”

Runar Kletvang, BBS  
(Banking and Business Solutions), Norway



„SAP's support during our rollout planning, testing and during our go-live weekend, was an important factor in our success.“

Rob Sargeson, Chief Information Officer  
Thomson Legal and Regulatory, Thomson, USA



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- The General Ledger supports a **Unified Financial and Management Accounting**.
- It provides **Extensibility and Flexibility** to add industry or customer specific dimensions to standard accounting.
- There is powerful functionality for **Balanced Books by Any Dimension** which is important for segment and management reporting, and in many industries.
- The General Ledger supports **Parallel Accounting by Using Parallel Ledgers or Parallel Accounts**.
- There is a strong support of **Fast Close** since many period-end activities are no longer required.
- The General Ledger provides perfect transparency and reduces the risk of non-compliance – thus supporting **Corporate Governance**.
- **Low TCO** for implementing and running the General Ledger.

**New G/L and migration to new G/L is covered in greater depth in the following SAP training courses:**

- AC210: New General Ledger Accounting
- AC212: Migration to New General Ledger Accounting

[www.sap.com/germany/services/education/](http://www.sap.com/germany/services/education/)

**Updated Information about the New G/L from Solution Management**

[www.service.sap.com/GL](http://www.service.sap.com/GL)

Thank you!

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