

1C – Group ERP data bridge setup Typical approach



Our approach

- In order to provide our clients with the effective solution for Group reporting generation we have developed a 1C-Group ERP data bridge setup product which incorporates:
 - our services on 1C-Group ERP financial data bridge setup and
 - monthly services for accounting data transformation according to Group rules.

Main features of the proposed approach:

- 1C-Group ERP data bridge is oriented on minimal disturbance of 1C typical functionality what ensues quick implementation, highest level of compliance with Russian legislation and low 1C maintenance cost
- Data is transformed automatically where possible on the basis of set of transformation rules stored in 1C. Flexible rules which analyze account codes and all entry analytics may be set up.
- Data is transformed at the level of accounting entries (transactional level).
- 1C contains extended analytics for Group purposes and extended functionality for separate Group fixed assets accounting. Fixed assets accounting for Russian Accounting Standards, tax accounting and Group accounting in one system allows to perform transparent reconciliation for fixed assets area.
- Data is transferred to Group ERP General Ledger

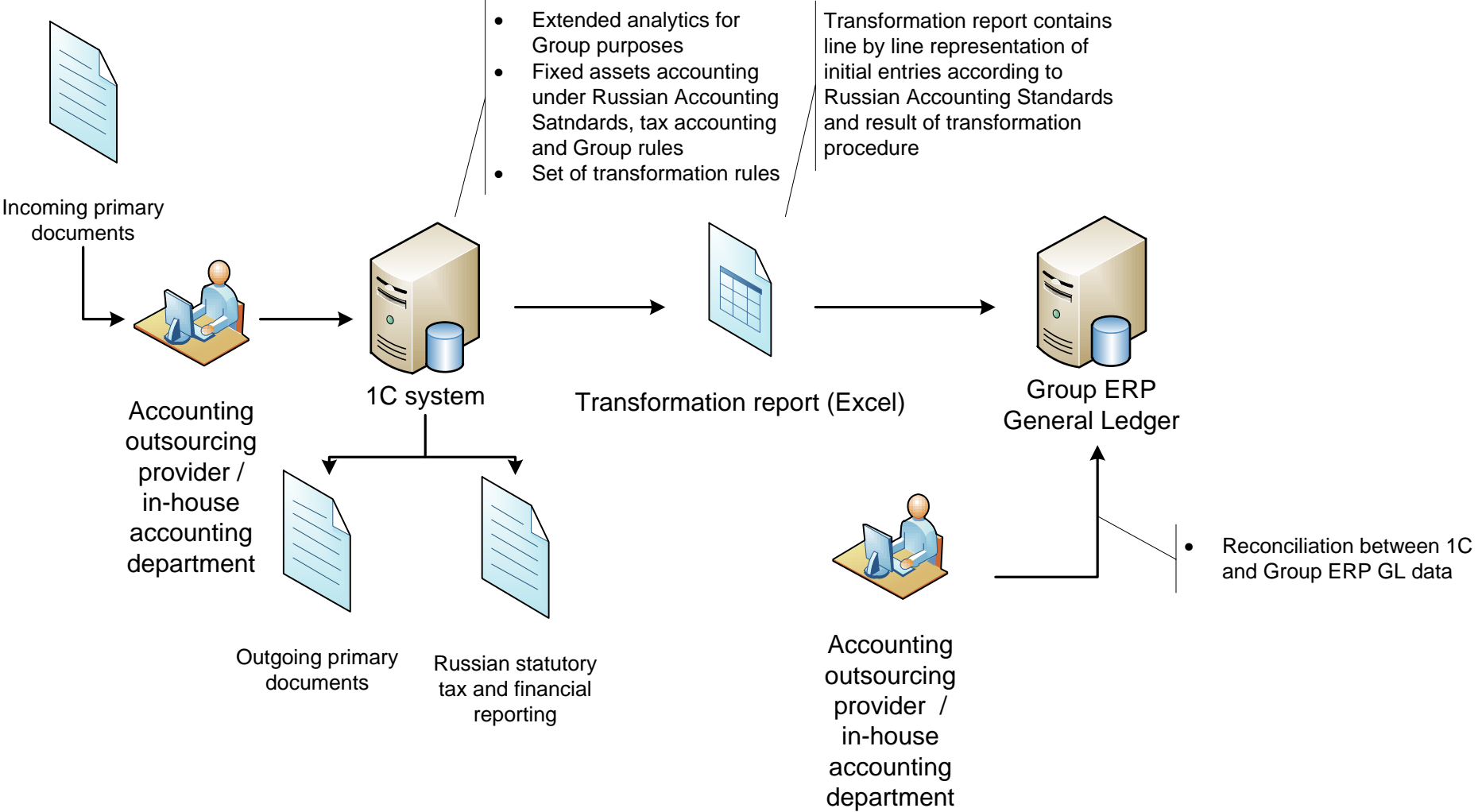
Pros of the data bridge approach:

- The maximum level of compliance with Russian legislative requirements is achieved thank to usage of typical 1C functionality.
- Line by line transformation allows to perform detailed analysis of transformed data and generate large variety of reports in target system.
- Data bridge allows to implement flexible transformation rules based on complex conditions imposed by Group accounting
- Clear audit trail for data transformation is provided by data bridge transformation report

Restrictions of the data bridge approach:

- Data is transferred to Group ERP General Ledger. Thus analytical and reporting functionality of Group ERP will be limited by GL reporting.

Data bridge scheme



Data transformation rules overview

Mechanism of data transformation rules

The mechanism of data transformation rules is universal and allows to provide mapping of RAS and IFRS accounts with varying degrees of complexity using a number of additional parameters. Depending on the transaction type the following matching options can be implemented in transformation rules:

- One-to-one account mapping,
- Many-to-one account mapping,
- One-to-many accounts mapping,
- Mapping using RAS analytics (combination of RAS analytics),
- Mapping using correspondence of accounts,
- Mapping using correspondence of accounts and RAS analytics,
- Deliberate limitation of transactions transfer

- In case of one-to-many accounts mapping additional structuring of analytics for means of transformation will be implemented
- Transformation rules may be set up and maintained by financial specialists and does not require programming work

The screenshot shows a window titled "Список Соответствие счетов хозрасчетный и МСФО" (List of Correspondence of Accounts for Domestic Accounting and IFRS). The window contains a table with columns for "Период" (Period), "Счет" (Account), "Субконто хоз..." (Domestic sub-account), "Переносит" (Transfers), "Счет межд." (IFRS account), "Субконто межд..." (IFRS sub-account), "Ко... Корр субконт..." (Correspondence sub-account), "П..." (Type), "Ва..." (Value), and "Комментарий" (Comment). A "Заполнить" (Fill) button is highlighted in red. Annotations with arrows point to various elements: "Source account" points to the "Счет" column; "Target account" points to the "Счет межд." column; "Position filter (Dr/Cr/Any)" points to the "Период" column; "Source analytics filter" points to the "Субконто хоз..." column; and "Target analytics population rules" points to the "Субконто межд..." column.

Период	Счет	Субконто хоз...	Переносит	Счет межд.	Субконто межд...	Ко... Корр субконт...	П...	Ва...	Комментарий
01.01.2000	73							1	
01.01.2000	41.11		✓	1411				1	
01.01.2000	157.01		✓	1170				1	
01.01.2000	43		✓	1430				1	

Typical deliverables

Deliverables for 1C-Group ERP GL data bridge setup:

- Transformation Methodology from Russian Accounting Standards (RAS) to Group accounting rules. This deliverable will be used by 1C programmer for 1C system configuration and subsequently by accountant as an instruction for accounting data transformation. The Transformation Methodology describes:
 - Extended 1C analytics for transformation purposes
 - Accounting data transformation rules
 - Instruction on transformation tool usage
 - Reconciliation process
- Extended 1C functionality for Group accounting purposes. In particular:
 - Extended analytics for transformation purposes
 - Automatic transformation rules
 - 1C functionality for extract of transformation report from 1C to Excel for further upload to Group ERP

Deliverables for monthly transformation services:

- Transformation report, containing line by line representation of RAS entries and results of transformation according to Group rules.
- 1C – Group ERP GL reconciliation report
- Periodical maintenance of transformation rules stored in 1C in case of increase of number of business activities types, changes in local or Group accounting rules



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