Live Demonstration
SAP BusinessObjects Disclosure Management
for Solvency 2 ORSA and Pillar 3

Abu Dhabi, 21.03.2012

cundus
Excellence in Business Intelligence

Experts in Business Intelligence and Enterprise Performance Management

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(Duisburg, Frankfurt, Munich)

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USA
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Canada
(Toronto)

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Switzerland
(Basel, Zürich)

Company Information

Founded in:	2000
Headquarters:	Duisburg, Germany
Employess:	210
Executive Board:	Peter Neisius, Gotthard Tischner, Babara Lix
Chairman :	Dr. Peter Chamoni

Locations

cundus Germany
Duisburg,Frankfurt,Munich

cundus UK
London

cundus USA
Washington D.C.

cundus Canada
Toronto

cundus Switzerland
Basel, Zürich

SAP Partner

Microsoft Partner
Gold Business Intelligence
Silver Portals and Collaboration

IBM Business Partner

Cognos. software

Agenda

1

Challenge

Internal and external challenges for insurance undertakings

2

SAP BusinessObjects Disclosure Management

Reporting according to qualitative and quantitative Solvency 2 requirements

3

Live Demo

ORSA, RTS, SFCR, QRTs, XBRL

Challenges for insurance providers

- Increased **frequency of changes** in accounting standards and regulations (IFRSs, Solvency 2, e-Bilanz, GRI, etc.)

- Increased **volume and formats** of required disclosures (Excel, XBRL, Word, PDF, etc.)

- **Complexity** of data and the need to insure data **consistency**

- The new Solvency II reporting requirements (Pillar 2 and 3) are more complex and extensive:

  - Quantitative Information (QRT, ca. 60) with high delegation level (open-ended)

  - Qualitative Information for SFRC, RSR/RTS, ORSA

The Challenge (internal)

- There is great **time pressure** involved in creating financial, business and sustainability reports

- Texts may already be completed, but **transactions are still being posted**

  - Changes to figures are constantly having to be reintegrated from different data sources

  - Texts have to be adapted because data has changed

- **Several people or departments** are involved within the framework of a workflow

  - The workflow must be transparent and audit-proof

  - A continuous overview of the status is necessary in order for completion to be on time

- The entire process has to be **audit compliant**

Reporting with and without Disclosure Management
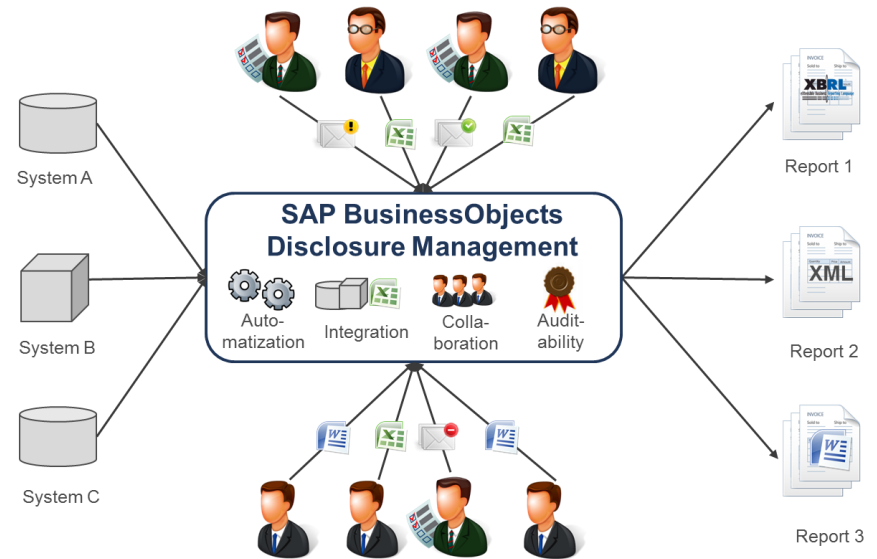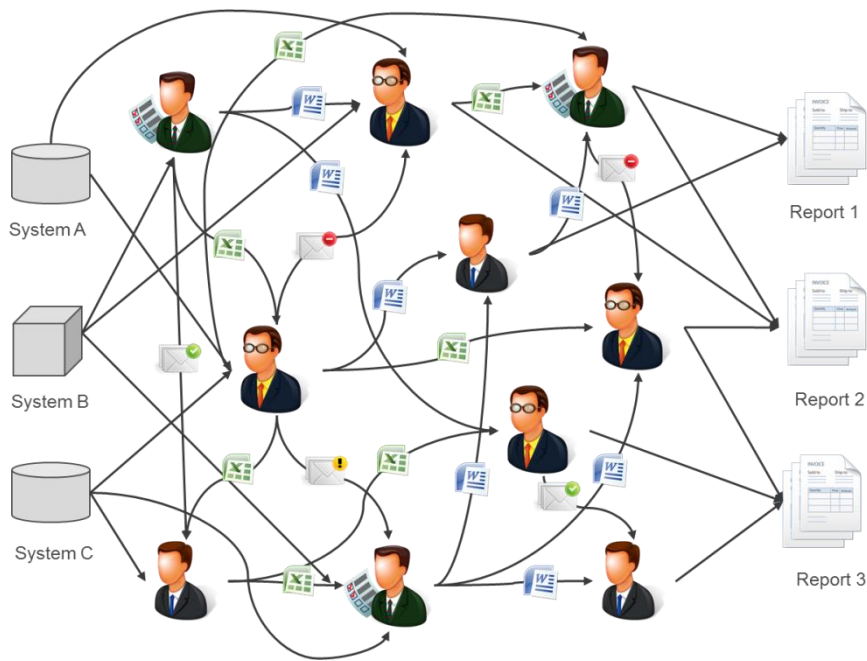
The Business Pain of Nowadays	How future can look like
▪ Error-Prone Process with manual editing of different versions on different places ▪ Lack of Overview over the steps in editing and the status of the version ▪ Different formats are sended and need to be integrated in one final format ▪ Responsibilites within the process are not clearly defined	▪ Autom. Update out of different sources via mouse click ▪ Flexible Workflow and transparent Status monitor ▪ Auditable Editing and tracing of changes ▪ Direct Integration of data and comprehensive Management of Administration rights

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Acceleration, Cost Saving and Quality Increase in Data Collection and Reporting Process

Corporate Reporting

SAP BusinessObjects Disclosure Management

External / Stakeholder Reporting

Management / Business Reporting

Corporate Data Integration

Enterprise Data Warehouse

Group Consolidation System
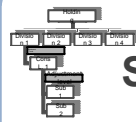
SAP BusinessObjects Notes Management

⇨ **IFRS- / Local GAAP-Notes**
⇨ **Business Reporting Data**
⇨ **Sustainability Reporting Data**

Company-wide, form-based data collection

Other Data Sources

Enterprise Ressource Planning (ERP), DB-Systems (SQL, Oracle, etc.), and XML-/XLS-Files

Subsidiaries

LE1 **LE2** **LE3** **LE4**   **LE5** **LE6** **LE7** **LE8**

SAP BusinessObjects Disclosure Management Architecture

Data Sources

ERP software

controlling files

SAP BPC

Consolidation
SAP
Oracle /
Hyperion
IBM / Cognos
IDL
SAP
BusinessObjects
Notes
Management
etc.

Holding

| SGE 1 | SGE 2 | SGE 3 | SGE 4 |

ZH 2   ZH 1

| EG 3 | EG 5 | EG 1 |
| EG 4 | EG 6 | EG 2 |
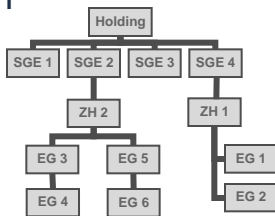
SAP BusinessObjects Disclosure Management

Workflow

Data Cache

Document Mgmt

Output Processor

Word Processor

UBMATRIX™

Output

<HTML>

XBRL
eXtensible Business Reporting Language
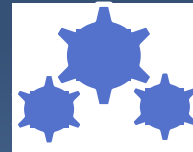
SAP BusinessObjects Disclosure Management
Documents Based on Chapters with Text and Fact Tables

Data Sources

ERP software

controlling files

SAP BPC

Consolidation

SAP
Oracle /
Hyperion
IBM / Cognos
IDL
SAP
BusinessObjects
Notes
Management
etc.
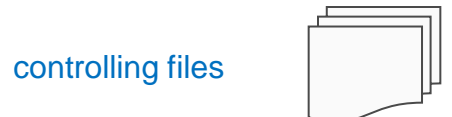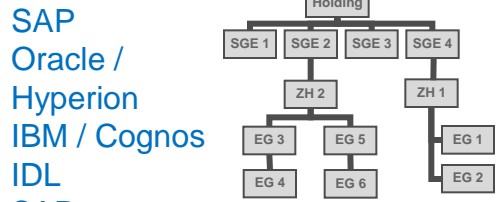
SAP BusinessObjects Disclosure Management

Data Cache
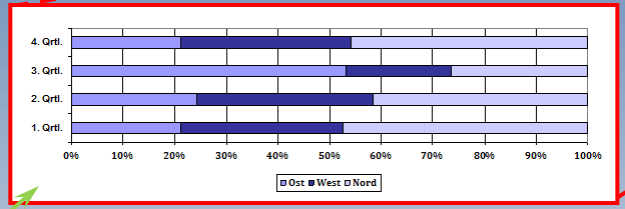
	2010	2009
Absatz (Automobile)	**5766**	**5593**
im Inland	2343	2273
im Ausland	3423	3320
Produktion (Automobile)	**7599**	**7371**
im Inland	3244	3147
im Ausland	4355	4224
Belegschaft (im Jahresdurchschnitt)	**1466**	**1422**
im Inland	788	764
im Ausland	678	658

…extremely pleasing result. We would like to point out positively that the costs were reduced more than 5%, although the production increased by about 8% during the same period compared to last year. Furthermore, it is to ...

SAP BusinessObjects Disclosure Management
Managing Financial Documents and Chapters

- A complete statement document is partitioned in its chapters,

- Every chapter is even a single document and is edited independently

- Chapters can be linked to eachother and into other documents

- Within every chapter document the figures and charts are linked to the "data cache" of the Disclosure Management

SAP BO Disclosure Management
Solvency II Rapid Deployment Solution

SAP BusinessObjects Disclosure Management

Solvency II – Pillar 3 RDS

RTS · SFCR · QRT's

Automization · Integration · Collaboration · Auditability

Other databases e.g Assets

SAP BO FC or Consolidation System

Integration to Other systems

QRT Reporting

RTS and SFCR

Other reports e.g ORSA

Data Integration · Collaboration : Versioning : Audit Trails : Workflow Security : Transparency · Complaint Outputs

Business Value of SAP BusinessObjects Disclosure Management

- Time and cost savings

- Direct access to the data sources ensures consistent data

- Traceability of results and auditing acceptability

- Control of process and overview of status

- High user friendliness and user acceptance

- Direct integration of ERP systems, consolidation systems or data sources and systems

- Short times for implementation and rollout

- Use of proven cundus technology

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cundus Business Content SAP Disclosure Management

- **End-to-end solution** for financial institutions fulfilling new regulatory requirements with SAP BusinessObjects Disclosure Management
- Comprehensive (in full) **business content for ITSs** (Solvency 2 Pillar 3)
- All templates prepared for **customising** (frequencies, content packages – solo / group)
- All templates **pre-tagged** for official EIOPA XBRL taxonomies
- All templates and tagging compliant with the official **EIOPA Data Point Model definition**
- All official EIOPA **validation rules** included (in Excel and in XBRL formula when available)
- **Interface definition** for seamless, quick and easy data connection and project acceleration
- **Multiple-language** support
- **Multi-filing** support through XBRL Factory of SAP BusinessObjects Disclosure Management
- **Maintenance** packages and support offering
- **Consistency factor** with qualitative reporting (IFRS, Risk Report)

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