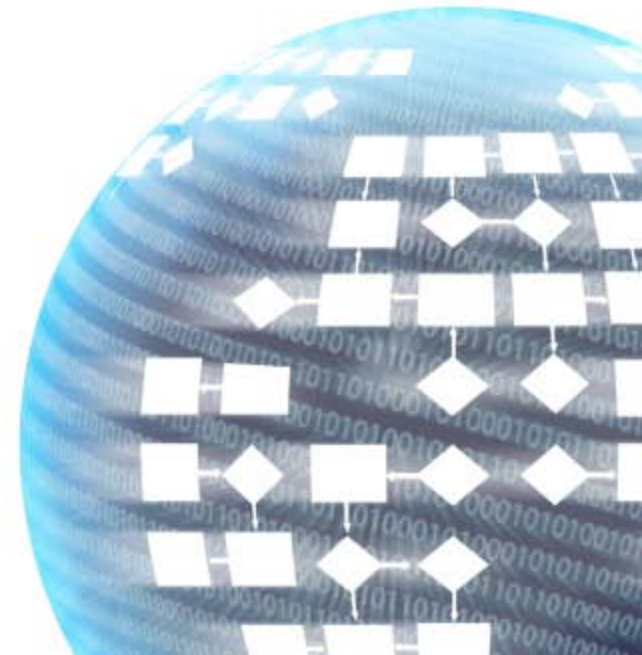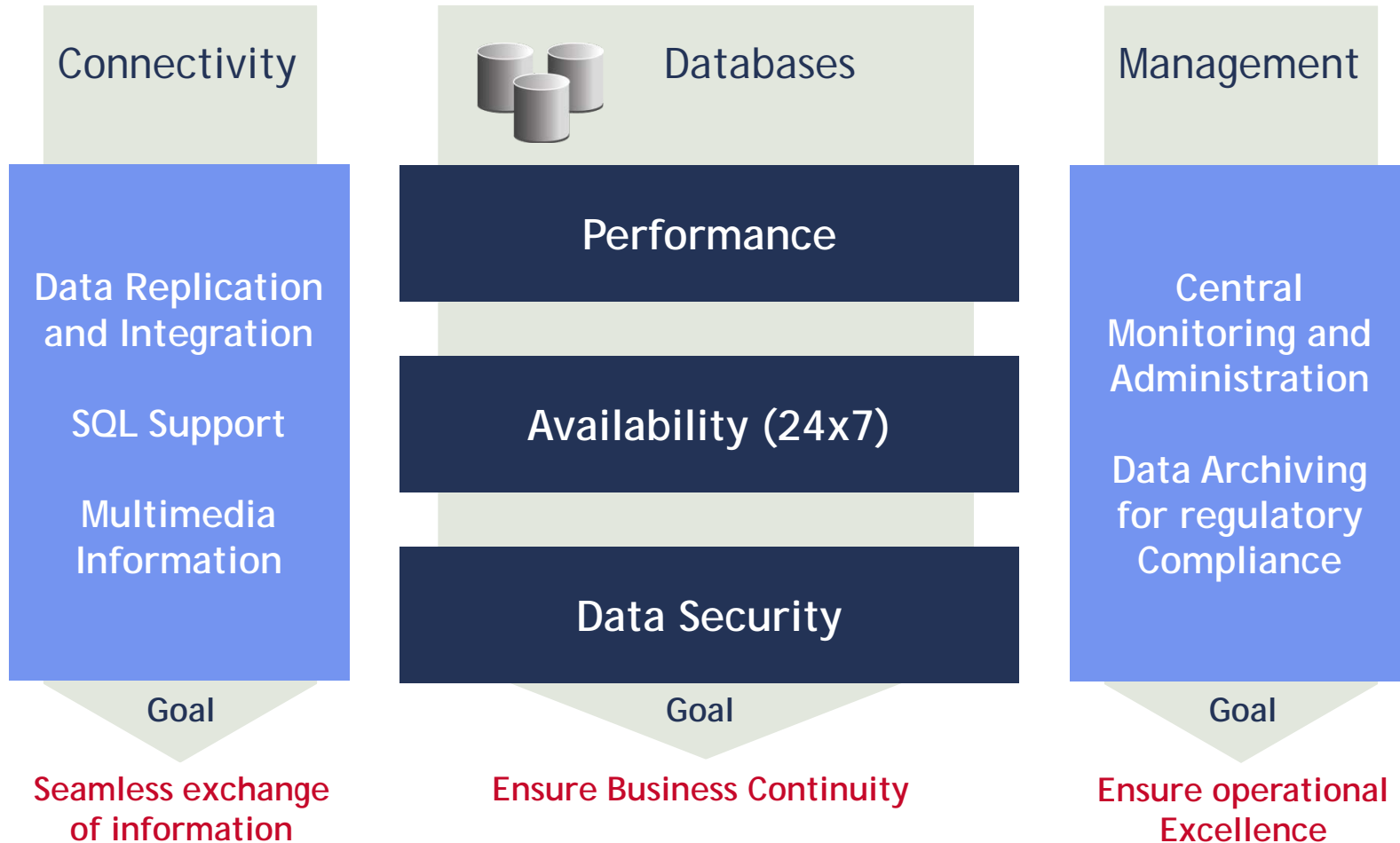# Adabas on OpenVMS

*Stephen Wild*
*Software AG / October 2011*

**software** ᴬᴳ

Software AG provides no commitment to deliver any of the features described herein, and reserves the right to change its product roadmap from time to time in its sole discretion.

# Adabas – High-Performance Database

| Connectivity | Databases | Management |
|---|---|---|
| **Data Replication and Integration**<br><br>**SQL Support**<br><br>**Multimedia Information** | **Performance**<br><br>**Availability (24x7)**<br><br>**Data Security** | **Central Monitoring and Administration**<br><br>**Data Archiving for regulatory Compliance** |
| Goal | Goal | Goal |
| **Seamless exchange of information** | **Ensure Business Continuity** | **Ensure operational Excellence** |

# Product View

Software AG - Get There Faster

# Adabas for Open Systems
## Overview of OpenVMS releases

- Adabas 4.1.2 / Net-work 3.2.6
  - End of maintenance 31.12.2012

- Adabas 6.1.10 / Net-work 7.3.3
  - First release of Unix C-based version
  - GA release in 3/4Q2010
  - In production at user sites
  - OpenVMS 8.3

- Adabas 6.3 / Net-work 7.4
  - Latest Unix release
  - Pre-release for OpenVMS available
  - Scheduled GA on OpenVMS 1Q2012

# Adabas for Open Systems
## Version 6.2

- Shared locks

- Partial LOB access

- More than 926 fields

- Time zone support

- System fields

- Timestamp of last FDT Update

# Adabas for Open Systems Version 6.2

- Referential Integrity

- Sub-Transactions

- Enhanced DDL support

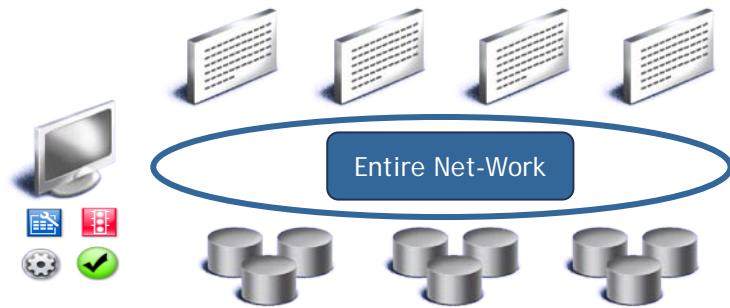# Adabas for Open Systems
## Version 6.3

- Unix & Linux
  - No major changes

- Windows
  - 64-bit mode on Windows 7 and 2008 server
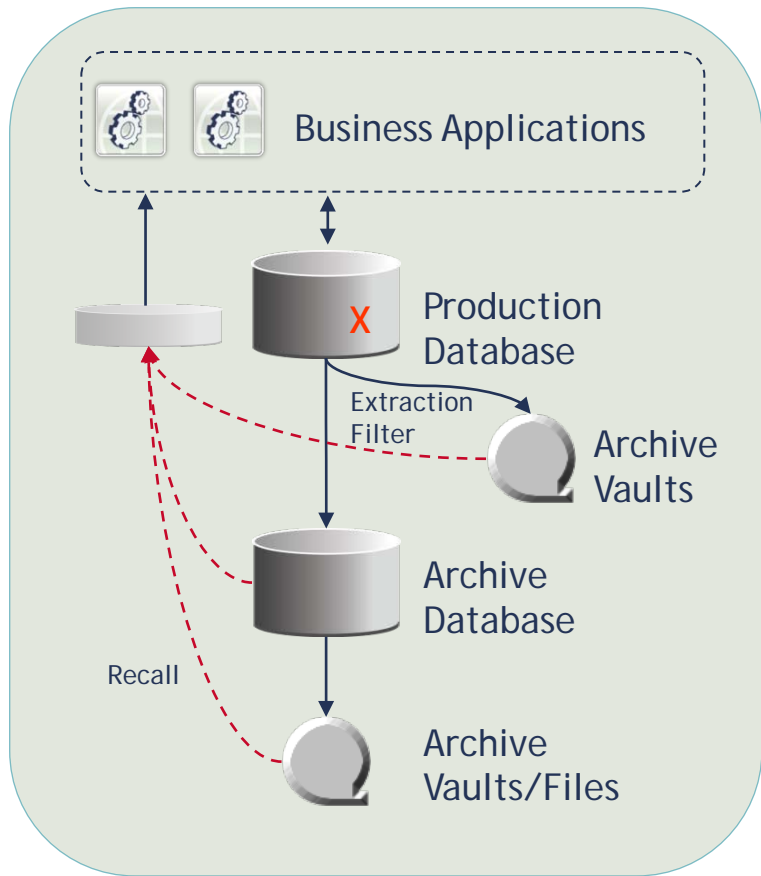
- OpenVMS
  - Rewritten IPC layer
    - Mailboxes replaced by Shared Memory
    - Up to 100% improvement

# Entire Net-Work for Open Systems
# Version 7.4

- Improved monitoring and tracing

- Simplified installation

- Client access controls

- Performance enhancements

# Data Archiving for Adabas

Business Applications

X Production Database

Extraction Filter

Archive Vaults
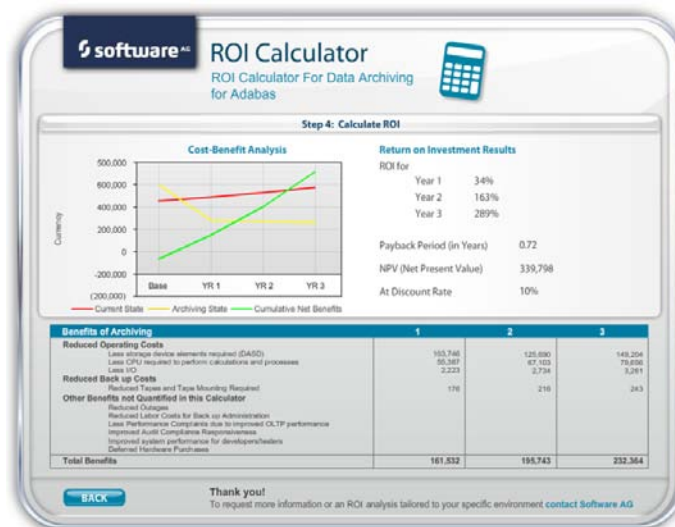
Archive Database

Recall
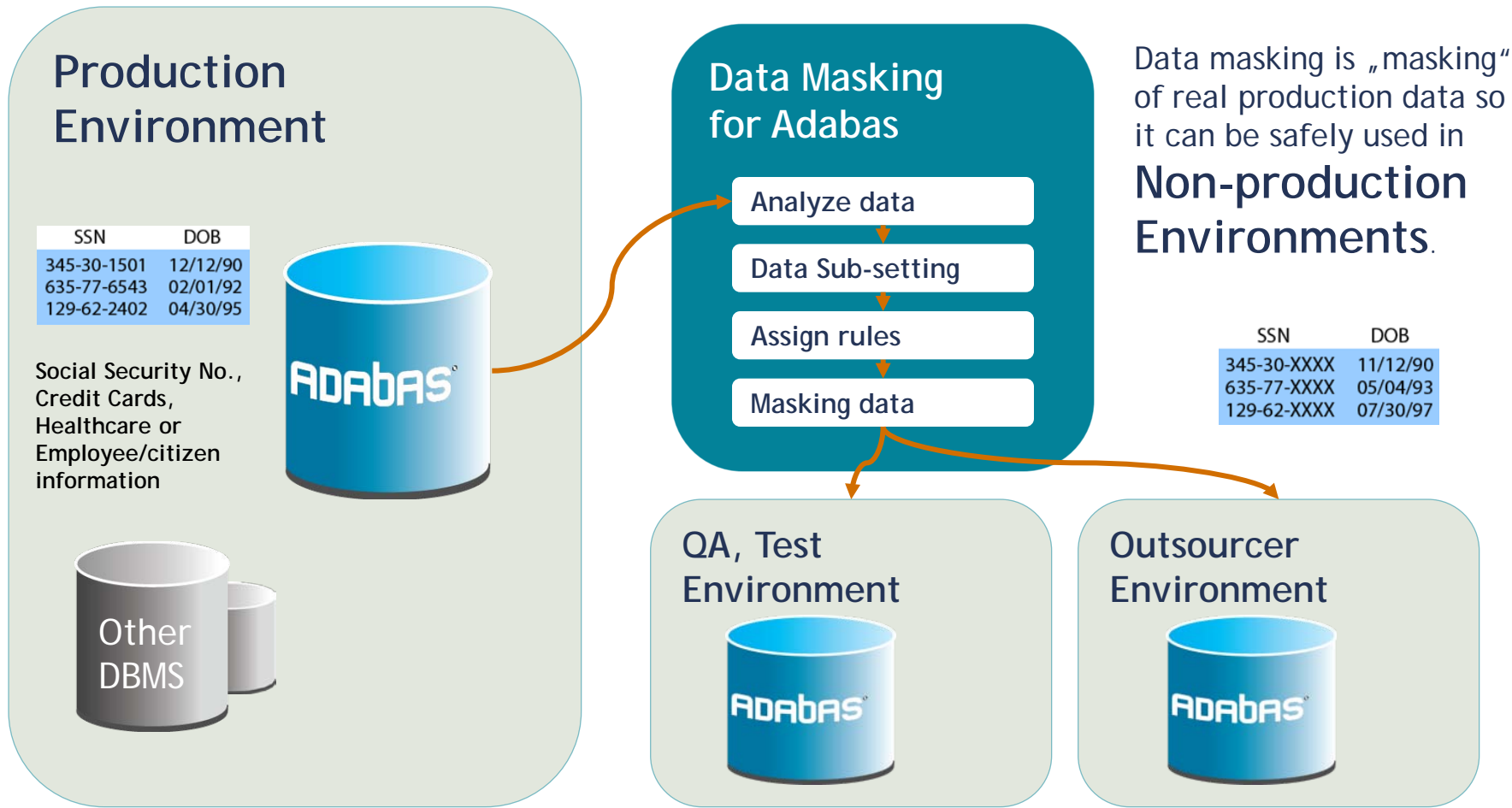
Archive Vaults/Files

Performance Improvement

Regulatory Compliance

Cost Savings

**Online Adabas Archiving ROI Calculator**
www.data-archiving-roi.com

# Data Masking for Adabas

## Production Environment

| SSN | DOB |
|---|---|
| 345-30-1501 | 12/12/90 |
| 635-77-6543 | 02/01/92 |
| 129-62-2402 | 04/30/95 |

**Social Security No., Credit Cards, Healthcare or Employee/citizen information**

ADABAS

Other DBMS

## Data Masking for Adabas

- Analyze data
- Data Sub-setting
- Assign rules
- Masking data

Data masking is „masking" of real production data so it can be safely used in **Non-production Environments**.

| SSN | DOB |
|---|---|
| 345-30-XXXX | 11/12/90 |
| 635-77-XXXX | 05/04/93 |
| 129-62-XXXX | 07/30/97 |

## QA, Test Environment

ADABAS

## Outsourcer Environment

ADABAS

# Thank you