

DATABASE TRANSFORMATION

7 GOOD REASONS FOR TRANSFORMATION



Very high license costs



SAP and FIORI APP SUPPORT



Maturity of open source database technology



Unstructured data



Big data



Real time analytics



Standard hardware and OS

6 IMPORTANT FACTORS TO CONSIDER



IT budget



Risks



Availability and reliability



Personnel



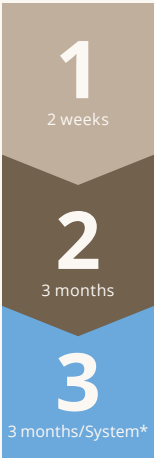
Existing in-house development



Cloud

DATABASE TRANSFORMATION SERVICES

METHODOLOGY



Assessment

Analysis of the current database infrastructure and the costs involved. Drafting a recommendation for a new architecture and calculation of savings. Submission of a fixed price offer for an initial transformation as POC.

NO CHARGE

Conversion of a system by a POC

Provision of the new database platform. Transformation of a system to the new architecture. Calculation of the costs and the roadmap for the complete transformation in the form of a fixed price offer.

FIXED PRICE

Complete transformation

Progressive transformation of all databases to the new infrastructure. Training of employees in the new technology.

FIXED PRICE

*average time per database.

SMART TRANSFORMATION



Up to 50% lower IT costs



Noticeable increase in performance



Fixed price offer



State-of-the-art architecture



Professional risk management



Cloud capability



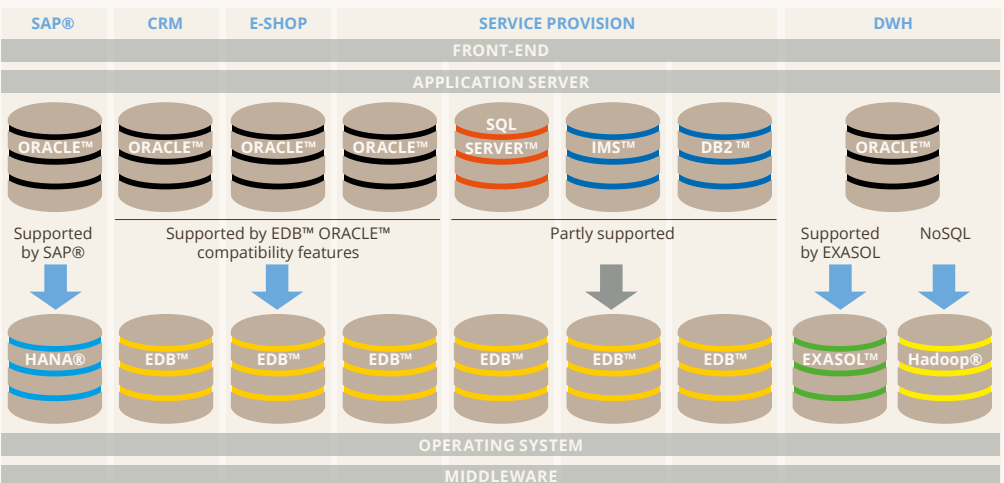
No production disruptions



No personnel changes necessary

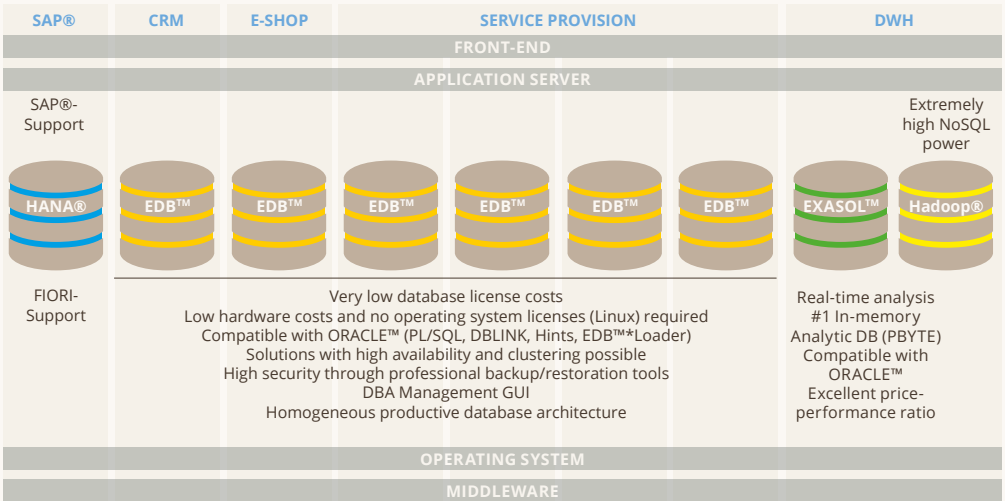
DATABASE TRANSFORMATION

EXAMPLE



NEW DATABASE STRUCTURE

EXAMPLE



COST SAVINGS

EXAMPLE (ONLY THE ANNUAL LICENSE SAVINGS FOR THE ORACLE™ DATABASE)

OLD

PRODUCTION

8 servers with a total of **96 cores**, ORACLE™ Enterprise Edition, RAC, partitioning and Active Guard as options

\$ 624,973*
(50% discount)

NEW

PRODUCTION

4 EDB™ servers with a total of **72 cores**

\$ 126.000

75% MORE EFFICIENCY FOR LEGACY APPS

2+1 Exasol Server WITH A TOTAL OF **48 CORES** and 200 GB RAM

\$ 98.901

IN-MEMORY REAL-TIME ANALYSIS

2 SAP® HANA® Servers with 256 GB RAM and **48 cores**

\$ 115.500

FIORI + SUPPORT AFTER 2025

TEST

4 servers with a total of **24 cores**, ORACLE™ Enterprise Edition, RAC, partitioning and Active Guard as options

\$ 166.658*
(50% discount)

TEST

2 EDB™ Servers with **8 cores**

\$ 10.000

1+1 Exasol Server with **8 cores** and basic support

\$ 12.000

2 SAP® HANA® Servers with 64GB RAM and **12 cores**

\$ 28.875

Cores: 120

\$ 791.631

Cores: 196

\$ 391.276

>50% MORE POWER

>50% COST SAVINGS

*Prices according to ORACLE™ homepage as of October 2016

Annual costs of the Enterprise Edition including all options mentioned, 1 year licensing, 1 year support, 0.5 core processing licensing factor and 50% discount.

BUSINESS CASE

EXAMPLE (ONLY THE ANNUAL LICENSE SAVINGS FOR THE ORACLE™ DATABASE)

LICENSE SAVINGS*	\$ 400,000 per year
TRANSFORMATION COSTS*	\$ 400,000 (\$ 100.000 per system)
TRANSFORMATION DURATION	12 months (3 months per system)
BREAK-EVEN	12 months
5 YEAR ROI	\$ 1.6 million

POSSIBLE ADDITIONAL SAVINGS **IMS DB, DB2 or MS SQL licenses, OS licenses, hardware**

*Prices according to ORACLE™ homepage as of October 2016
Annual costs of the Enterprise Edition including all options mentioned, 1 year licensing, 1 year support, 0.5 core processing licensing factor and 50% discount.

TECHNOLOGY EXPERIENCE



PLATINUM PARTNER

CERTIFIED CONSULTANTS



Our database transformation services have received EU funding under Horizon2020. With this funding we are developing a software platform as part of the DATATRANS project (grant agreement 774817).

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