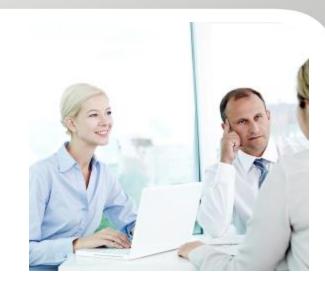


Database Cost Optimization

Description of OCaaS



- OCaaS utilizes software where the licenses are based on amount of cores and can be run under Linux
- Fujitsu analyzes the customer environment and makes optimized solutions to cut down Oracle costs
- Services will remain the same only a platform change will take place



OCaaS customer referenses



- Sparda-Datenverarbeitung eGCase
 - Oracle consolidation and management consolidation

- Case EVERTEC
 - Oracle consolidation and core banking application consolidation



Fujitsu Enterprise Postgres



- FUJITSU Enterprise Postgres is an open-source based, high-performance, high-reliability, cost-effective relational database management system.
- It enables businesses to lower their database cost of ownership significantly by reducing license and ongoing support cost.



Fujitsu Enterprise Postgres Service



Product

Fujitsu Enterprise Postgres – 100% PostgreSQL compatible RDBMS

Service

- Business hours and 24x7 support
- Consultancy
- Training
- Remote DBA services for enterprises
- Expertise on PostgreSQL and other related tools for enterprises



Business Value



On average when an organisation changes to Fujitsu Enterprise Postgres from Oracle the cost savings are 80%+ per year.

ORACLE

Initial costs

Oracle Database EE
(Discounted 50%)

3%

3%

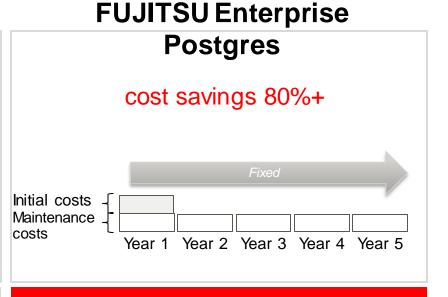
Increase

Maintenance costs

Year 1 Year 2 Year 3 Year 4 Year 5

*1: Calculated using an estimated CPI of 3% per annum

Long term use will result in high costs due to yearly increases in maintenance costs



80%+ cost savings versus Oracle DBEE

FEP Case Study - Tokyo Stock Exchange



■ Fujitsu's database is being used in "Arrowhead", the trading system of Tokyo Stock Exchange (#3 in the world)





http://www.fujitsu.com/global/about/resources/news/press-releases/2015/0924-01.html

Database Optimization Benefits



- Remarkable license cost savings thru consolidation and migration to Fujitsu Enterprise Postgres
- Homogenization of hardware environment eases management for decreased hardware costs
- Possibility to use open source technology
- Possibility to remove totally Oracle licenses
- Further development Core-based applications and middleware to be consolidated for continuos cost-efficiency





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