

Korea Electric Power Corporation Chooses TIBERO over Oracle



CUSTOMER NAME

KEPCO

INDUSTRY

Utilities

CHALLENGES

- Collection, verification and aggregation of contract data
- Meter monitoring and management
- Business data extraction

TMAXSOFT SOLUTION

**Tibero RDBMS, 3 Nodes**  
**TAC 114 Cores, InfiniLink**  
**2 Nodes 60 Cores**

RESULTS

- 500,000 concurrent users
- 60% cost savings
- Reliable system operation
- Optimized processing of realtime data

**Korea Electric Power Corporation**, better known as KEPCO, is the largest electric utility in South Korea responsible for the generation, transmission and distribution of electricity and the development of electric power projects including those in nuclear power, wind power and coal.



KEPCO is responsible for 93% of Korea's electricity generation. The South Korean government owns a 51% share. Korea's largest government-owned company with revenues of \$48.5 billion and assets of \$139.5 billion (as per Dec. 2013), has selected TmaxSoft's TIBERO DB for its next generation meter data management system (MDMS).



## The project

KEPCO's MDMS collects both high voltage AMI (Advanced Metering Infrastructure) and low voltage AMI data in its 14 regional branches. The maximum number of concurrent users is 500,000, and the maximum amount of data that can be processed is 30 terabytes.

KEPCO's MDMS system is its largest in terms of both data and scale. This system demands

the realtime processing of massive amounts of data, and was migrated from its original Oracle DB configuration to TIBERO.

**Total project cost:** 7.96m USD (Exc. VAT)

**Total size of DBMS:** 114 cores (38 cores\*3 nodes)

**Total size of ESB:** 60 cores (30 cores\*2 nodes)



**TmaxSoft was founded in 1997 and today, we have over 1,000 employees in 20 strategic Centers around the world.**

TmaxSoft is a global software innovator focused on data management, middleware and mainframe modernization, with solutions that offer enterprise CIOs viable alternatives to support their global IT powerhouses and drive competitive advantage. TmaxSoft has based its growth on a strong foundation of research and development, along with a sustained commitment to innovation. Today, we are working with over 2,000 customers around the world.

**Tibero** is the best enterprise RDBMS for the Virtual Data Center. Our licensing model allows enterprises to fully maximize their virtualization investment by only licensing the cores associated to a given VM, resulting in drastically lower TCO.



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