

## Data acquisition software development

### Customer Case Study – Power Generation

#### Customer

A multinational conglomerate, manufacturing company, headquartered in Japan. The company's line of businesses include high technology, electrical engineering, and electronics fields.

#### Requirements

- To develop a remote health monitoring software for ground based turbo machinery

#### QuEST approach

- Client-server based architecture was designed and developed to acquire, analyze and present test data.
- Implementation of server mirrors to handle network traffic avoiding load on the Acquisition Server PC
- Real-time monitoring of data at any global location through VPN tunneling
- Storage of acquired data on files for post- processing and data analysis
- Storage of acquired and calculated data on a central database

#### Results

- Centralized continuous health monitoring
- Improved up-time
- Defect preventive and precaution benefits

#### About QuEST

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