



Service Territory: Finland, Nordics
Ownership: Public limited company
Scope of Services: Transmission System Operator
Project Duration: 48 months

Strategy / Results / Value

- Common view of the current and future grid throughout Fingrid's matrix organization
- Single source for power system information
- New opportunities for efficient digitalization of business processes
- New potential for high-tech analytics

Challenges and Drivers:

- Custom built solution had reached its technical limits
- Existing tools within Fingrid were getting out of date
- No longer easily adapted to all the changing requirements in their business environment

PSS®ODMS – Enterprise Solution Fingrid Oy

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Technical solution

PSS®ODMS

- Integration Hub - Interfaces to other applications
- Model Repository
 - CIM data-warehouse - grid topology, asset and operational data
 - Model management and integration platform
 - Grid modeling and design

PSS®E for Network Analysis

- What if scenarios
- Impact & trend analyses

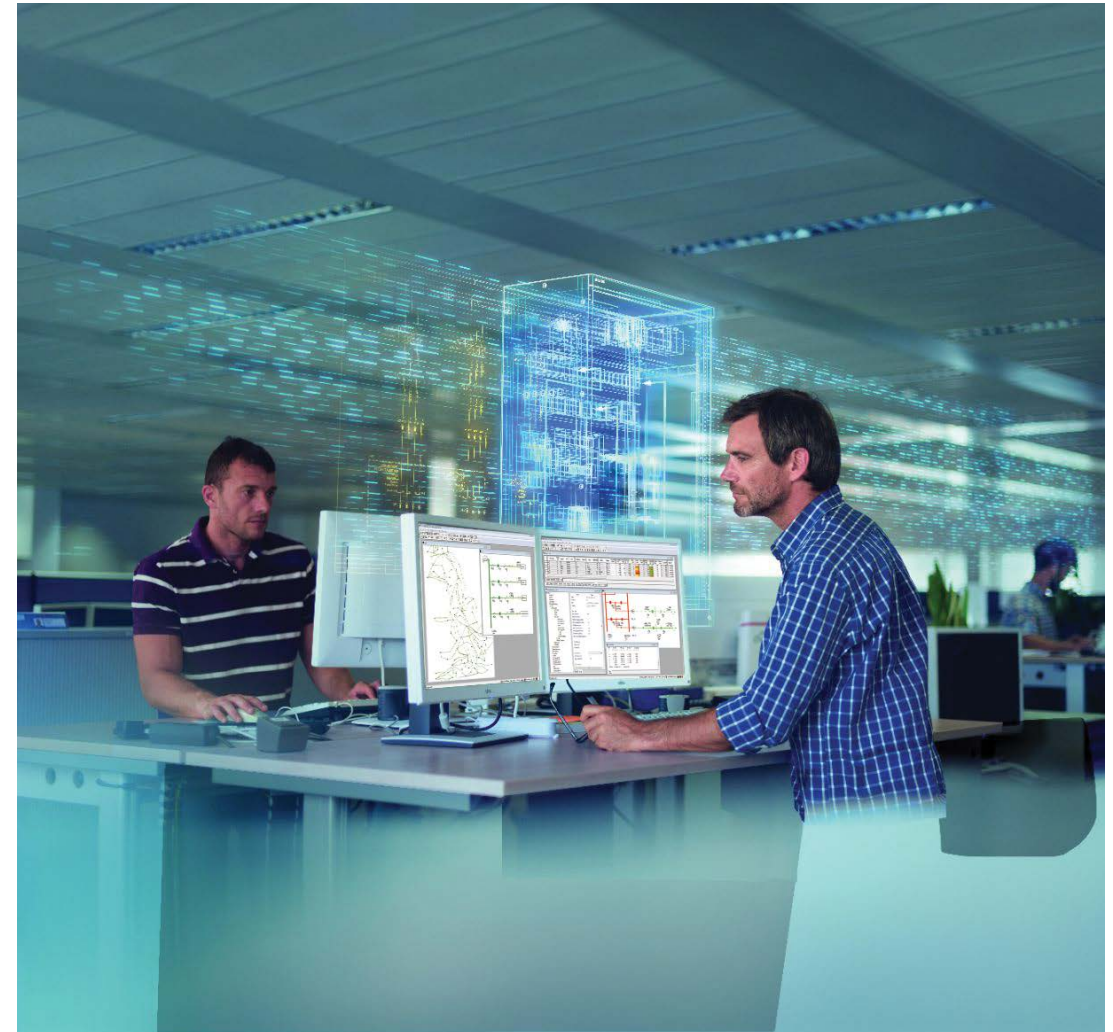
Customizations for the unique technical or business process requirements:

- PSS®ODMS-LTJ interface (Python™)
- Custom Python scripts for PSS®E

Engineering Services

- Architectural design for custom interfaces
- Solution Maintenance and Support (M&S)

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CIM-based model management improves efficiency...

- Experienced vendor in deploying model management solutions worldwide
- Trusted CIM knowledge
- Creation of common database model containing power system data
- PSS®ODMS-PSS®E Compatibility
- Extended APIs integration enables automated calculations and processing