

PREdistribuce, a.s.

Automated Model Creation

Digital Twin – Automated Model Creation

PREdistribuce, a.s. – Czech Republic (DSO)

Service Territory: Prague, Czech Republic
Ownership: Public (State-Owned)



Initial Situation

- Grid planning requires current accurate grid model
- Needed implementation of software for long-term network planning including import interface from Geographic Information system (GIS), SCADA and SAP

Solution

- Automated grid model creation and customized synchronization with external systems

Siemens PTI Portfolio:

- PSS®SINCAL licenses, product customizations, installation / delivery services, training, on-going support and maintenance

Customer Benefits

- Automated creation and enhancement of grid model from GIS and SAP systems
- Import of measurement data and switching states from Spectrum Power 4 SCADA systems
- Significant time saving and improved grid model quality

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Automated grid model creation and synchronization
with external systems

Geographic grid model in PSS®SINCAL
planning software

