CIMSpy/CIMdesk

The most widely used commercial tool in the CIM community

### POWER INFO
UTILITY IT SOLUTION PROVIDER

Funded by US Department of Energy (DOE) and European Network of Transmission System Operators for Electricity (ENTSO-E), CIMSpy and its European version CIMdesk are designed to address the emerging industrial needs, ranging from standard-base model exchange to centralized network model management.

Today, CIMSpy/CIMdesk are being leveraged by more than 60 utilities, ISO/RTOs, grid coordination organizations, vendors, and energy trading companies worldwide.

/iec.ch/TC57/2009/CIM-schema-cim14#
CIMSpyEE\Models\Cases\SuperGrid.xml

Class	# of Objects	Description
ACLineSegment	35157	A wire or combination single electrical syste... power system.
Breaker	123870	A mechanical switching under normal circuit co... breaking currents unde... circuit.
ConnectivityNode	245181	Connectivity nodes are... connected together wi...
PowerTransformer	14148	An electrical device co... magnetic core, for intr... Transformers can be u...
Substation	21594	A collection of equipm... through which electric... modifying its character...

Custom Solutions

Model Query Language	CIM Extension Support	APIs in Python, HTTP/REST	Adapters to EMS, PI, etc.	Plugin Interface

CIM-based Data Engineering Services
for Model Management, Analysis, and Visualization

IEC 61970	RDBMS	.NET Prism	Map Service	Web Service
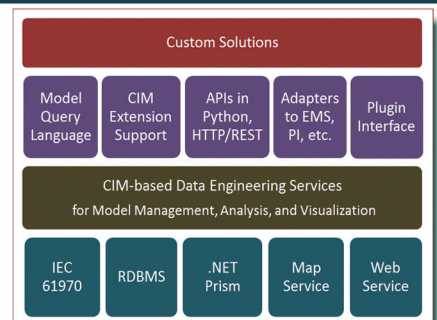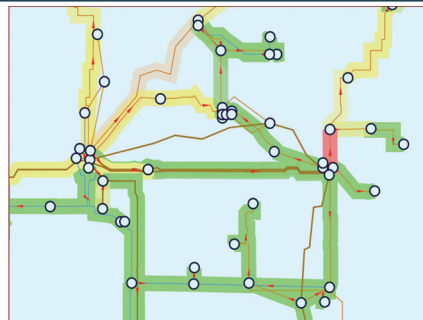
Broad Engineering Support

CIMSpy offers a complete suite of data engineering functions in support of CIM-based model sharing and management.

- CGMES/CPSM model validation
- Full, partial, incr. model assembling
- Exploratory data analysis & reporting
- MRID-enabled model comparison
- Metadata-driven model transformation
- Time-based model management

State-of-the-art Graphics

CIMSpy delivers intuitive and interactive user experience by leveraging cutting-edge data-driven visualization technology.

- Schematic one-line auto-generation
- Rich data visualization over a wide area
- Power flow/state estimation animation
- CIM-based diagram exchange
- Query-driven visual data mining
- WYSIWYG graphical model editing

User-centered Design

CIMSpy provides comprehensive infrastructure support, enabling end-users to rapidly derive business-driven solutions.

- Desktop, Client/Server, Web-based
- Oracle, MS SQL Server, MySQL
- Open Street Map, Esri-Leaflet
- Adapters to EMS, PI, planning tools
- CIM profile extension, Python scripting
- Plugin interface, RESTful Web API

To explore more, please visit us online or contact us for a live demo.

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