

Straightforward application modeling

EcoStruxure™ Grid Engineering Advisor

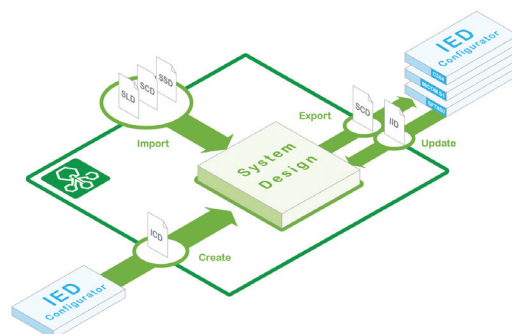
EcoStruxure Grid Engineering Advisor provides an IEC 61850 software platform for electrical application modeling, capable to design and configure distributed system solutions & components inside a heterogeneous smart grid!

Distribution networks systems based on IEC 61850 standard are getting smarter for users and increasing in design complexity. The amount of distributed intelligent devices is growing day after day.

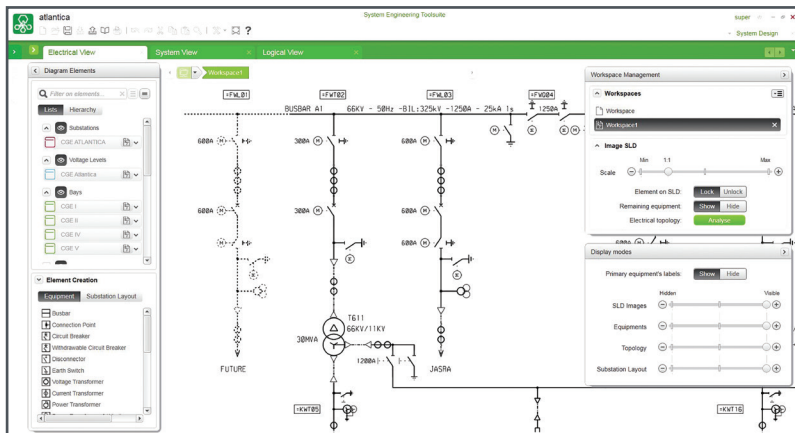
Following this exponential growth of number of devices and their interactions, many new innovative schemes are emerging and demanding more communication exchanges from them.

Solutions are requiring more visibility over the adopted design. The conventional engineering methods starting from devices are no longer capable to hold such an amount of information.

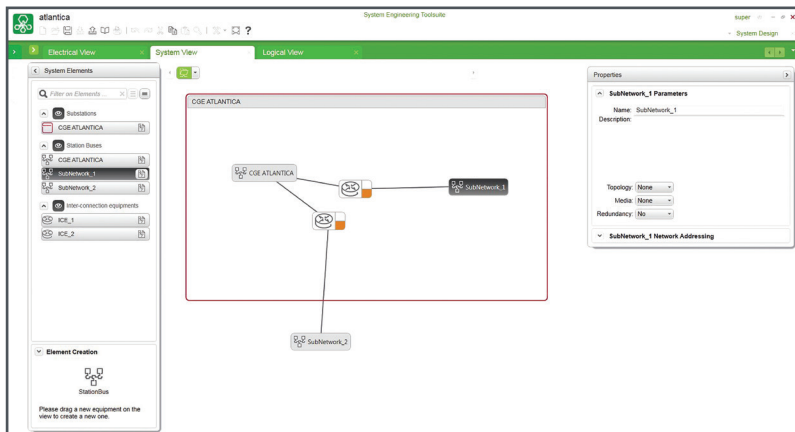
A real system solution is often composed of elements from different manufacturers, but performance, reliability and scalability constrains remains the same.



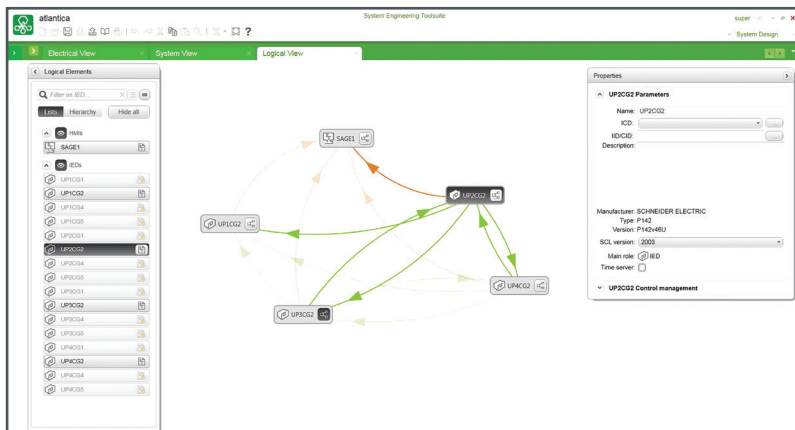
System Engineering Tool



Example of an electrical view



Example of a system view



Example of a logical view

System Design

- Import single line diagram files: PNG, BMP, JPG
- Import files SSD,SCD,ICD,IID, from IEC 61850-6 ed1 and ed2
- Exports SCD and SSD files from IEC 61850-6 ed1 and ed2
- Pattern recognition algorithm for data description
- Logical architecture editor
- GOOSE and report editors

Solution Management

- System data versioning
- File repository with data security
- Data export / import
- Database coherency and consistency

Supporting Tools

- Security administration utility

Cybersecurity

- Role-based access control

Engineering teams focusing on improving solution quality and efficiency need a vendor agnostic system solution.

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