

straton for Energy

Dedicated tool for Energy market

COPA-DATA has developed the Straton Energy Tools that simplify the configuration under the IEC 61850 standard and includes all the parameters for an intuitive use. straton components are made to facilitate the integration of energy standard protocols and simplify the configuration process.



ENERGY STANDARDS AND PROTOCOLS

The opening of the energy industries request some new standard to send, receive information and also provide standard mechanism for each component. These is achieved using the communication standard and energy standard DNP3, IEC 60870-101, IEC 60870-104, IEC 61850, IEC 61400.

CONTROL/ COMMAND AND IEC61131-3

The IEC 61131-3 is a reference for any automation application. Today no application is implemented without the use of these languages. straton includes a lot of useful libraries that reduce the development time. The project automation capability of straton is a simple way to develop quickly your project. Some import tool and/or generation of application program can be easily integrated in straton.

REDUNDANT AND SECURE APPLICATION

Security is an issue in energy distribution. RTU and BCU should provide an efficient way to secure the application. The capability to provide solutions that enable the redundancy of

the main controller of sub-station is not only a requirement but mandatory. In the same spirit the communication protocol can be redundant in few clicks.

DISTRIBUTED APPLICATION

The straton Integrated Development Tool contains a wide range of tool to manage several platforms, to communicate with other platforms, to simulate, to download/upload programming and configuration data and to make debugging and commissioning of your application.

REDUCING CONFIGURATION TIME

Reducing the number of tools and the complexity to configure an application is a first step to win some time. But the reliability of the application and capability to update/maintain legacy application is an issue for long term solution as in energy. With the integrated solution straton/ zenon COPA-DATA answers to these requirements and even more due to the energy features of zenon (Redundancy, protocols IEC 61850/IEC 60870/DNP3). Topology management is fully integrated. The use of a unique database for both tools straton and zenon reduce the configuration time as client/server configuration is done once.

FAST FACTS

- ▶ IEC 61850 Server & GOOSE Protocol
- ▶ IEC 61850 Client Protocol
- ▶ Substation Configuration Language (SCL) Editor
- ▶ Ready for certification