

MMS VOYAGEUR

IEC 61850 client program

The 61850 MMS Voyager program was recently developed to support communication testing of IEC 61850 server devices such as protection relays.

MMS Voyager is available in RSCAD as a stand-alone program. It is used for IEC 61850 MMS-compliant data communication between the client software and external devices. It can be configured through self-description or through RSCAD's SCL file editor. The continuous innovation of RSCAD, which adds this powerful new feature, is available free of charge as part of our maintenance and support program.

MMS Voyager is capable of testing the connection setup with the server device, presenting the server data model for viewing its contents, and invoking available services. All typical communication procedures performed by a SCADA system or other testing system can be achieved using MMS Voyager.

The supported functions of the program include:

- Create, edit, and delete server communication profiles
- Connect and associate server using defined communication profile
- Browse and save models by retrieving them from connected server
- Browse models from a SCL file
- Save models by storing them in a specified SCL file
- Perform control operations on the server device
- Create and delete dynamic data sets in logical nodes (persistent) or association (non-persistent)
- Read and write server data values
- Configure report control blocks
- Configure setting group control blocks
- Collect reported changes and data updates
- Perform integrity reports and general interrogation
- File services

MMS Voyager can maintain connections to many server devices at one time, and the user may run multiple instances of the program on the same host computer. It can also be used with RunTime scripts in order to automate and enhance testing.

Learn more about MMS Voyager and other exciting new developments at rtds.com.