

MatrikonOPC unveils secure OPC connectivity for wind power plants

EDMONTON, ALBERTA, June 8, 2010 – MatrikonOPC™ announces the release of their [OPC Server for IEC 61400-25](#). This server provides secure access to wind power plant control data for systems that may not support the IEC 61400-25 but require access to the wind turbine data. This OPC Server expands Green and Renewable Energy initiative systems' ability to share data between systems that support IEC 61400-25 and those that do not.

This [OPC Server](#) supports IEC 61400-25-1 and IEC 61400-25-4 Annex C using Manufacturing Message Specification (MMS) over TCP/IP. IEC 61400-25-1 and IEC 61400-25-4 are the key protocols used in wind power plant systems to allow multi-vendor wind turbines to freely share, control and monitor data via a single consistent protocol.

The [OPC Server for IEC 61400-25](#) takes open data sharing to the next level by providing secure and reliable data sharing between all IEC 61400-25 compliant systems such as: RTUs, Intelligent Electronic Devices (IEDs), PLCs, meters, transducers, relays and other automation components in the enterprise such as HMIs, Historians and ERPs which typically do not support IEC 61400-25. This is the missing piece in today's wind power automation systems that bridge data gaps between plant floor and the top floor.

“The key to a viable and sustainable Green and Renewable Energy initiative is efficiency. Thanks to OPC and the way MatrikonOPC implements and support it, users can confidently gather, analyze and act upon the data that is key to their operation—reducing maintenance costs of automation and process control systems. The [OPC Server for IEC 61400-25](#) allows our customers to build more efficient wind automation solutions that will help grow their business,” said Sean Leonard, Matrikon's Vice President of OPC products.

Features supported:

- Client-Server Architecture using MMS over TCP/IP
- IEC 61400-25-1 communication protocol for wind power plants monitoring and controlling
- IEC 61400-25-4 Annex C: IEC 61400 over MMS according to IEC 61850-8-1
- Interoperable with HMI and Historians systems such as Citect, OSIsoft PI and any OPC client application
- Channel redundancy with multiple devices

To learn more about the OPC Server for IEC 61400-25, please navigate to:

<http://www.matrikonopc.com/opc-drivers/opc-iec-61400-25/base-driver-details.aspx>

About MatrikonOPC (a division of Matrikon Inc.)

MatrikonOPC provides software to access device data using the OPC standard. Their promise is to help clients unlock the potential of their data and provide them with vendor neutral training and superior client care. [MatrikonOPC](#) builds close relationships with their customers, which allows them to have a true understanding of their business. MatrikonOPC helps them attain operational efficiency from both a technical and business perspective. With offices in Canada, the United States, Europe, Asia-Pacific and the Middle East, they provide local presence on a worldwide scale. MatrikonOPC is committed to connectivity. Visit [MatrikonOPC](#) at www.MatrikonOPC.com

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