

OPC ENABLED DIAGNOSTICS UTILITY

FOR INTEGRA™ AND T-96SR™ PRODUCT LINES



Dataradio makes it easier than ever to incorporate the important diagnostic data generated by the Integra and T-96SR family of wireless solutions into your SCADA HMI by offering an OPC Enabled Diagnostics utility. OPC is recognized worldwide as an industry standard for inter-program communications allowing business, process, and automation application data to be shared and integrated.

With the OPC Enabled Diagnostics utility, the online diagnostic data, which represents the overall health and well being of the wireless network, is presented in an OPC compliant format and made available for an end user's OPC/DDE compliant HMI system. Using a tagged format, the information is treated as standard I/O points, which can be easily tracked, graphed, and archived by the user's HMI program. Once integrated, the SCADA software program can generate alarms. These alarms, based on trends or out-of-tolerance conditions, allow for preventative maintenance to avoid catastrophic downtime.

OPC ENABLED DIAGNOSTICS UTILITY FEATURES:

- A means to integrate Dataradio's continuous online RF network diagnostics with application information eliminating complicated and costly custom programming
- A full-service utility that serves the diagnostic data to an OPC compliant HMI application
- Compatibility with the Integra and the T-96SR family of products
- Information provided to an end user's HMI can be acted upon quickly as trends develop quickly minimizing costly downtime

WHY DO I NEED THE OPC ENABLED DIAGNOSTICS UTILITY?

The Integra and T-96SR family of products generate valuable diagnostic information that shows the health of your RF network continuously - in real time. In many instances, end users see the benefit of integrating this extremely useful information into their SCADA application for presentation "front and center" to the operator.

The OPC Enabled Diagnostics utility helps facilitate that requirement without developing an expensive customer program. Since OPC is an industry standard, it eliminates the need for custom programming and allows the diagnostic data to become part of the whole SCADA package.

WHAT TYPE OF CLIENTS/APPLICATIONS DOES THE OPC ENABLED DIAGNOSTIC UTILITY SUPPORT?

The OPC Enabled Diagnostics utility supports a number of clients/applications that are OPC compliant, including those listed below. The utility can even support multiple clients/applications using different interfaces at the same time.

- OPC-OLE for Process Control
- DDE
- Fast DDE
- AdvanceDDE
- FIX Driver

WHAT IS THE REQUIRED OPERATING SYSTEM?

The OPC Server is a true 32-bit program. It requires Windows 95/98®, Windows NT® 4.0, Windows 2000®, or Windows XP®.

WHO ARE SOME OF THE SCADA SOFTWARE PROVIDERS SUPPORTED?

- CI Technologies Citect™
- GE Fanuc CIMPLICITY®
- Intellution iFIX™ and FIX32™
- Microsoft® Excel, Word, Access and VB
- National Instruments Lookout™ and BridgeVIEW™
- Rockwell Software RSView™
- USDATA FactoryLink®
- Wonderware InTouch® and FactorySuite™
- Other OPC/DDE compliant software