

# OPC Enabled Diagnostics

For Integra™ and T-96SR™ Product Lines



DATARADIO COR Ltd. is offering an OPC Enabled Diagnostics package for the Integra and T-96SR family of wireless modems. OPC is a recognized worldwide industry standard for inter-program communications allowing business, process and automation application data to be integrated. With OPC Enabled Diagnostics, the Online Diagnostic data reporting on the health and well being of the wireless network is presented in an OPC compliant format and made available for the end user's

OPC/DDE compliant HMI system. Using the tagged format, the information is treated as standard I/O points which can be easily tracked, graphed and archived. Once integrated, the SCADA software program can provide for alarms based on trends or out of tolerance conditions allowing for preventative maintenance to avoid catastrophic downtime.

## FEATURES:

- Provides a means to integrate Online RF Network Diagnostics with application information eliminating complicated custom programming
- Complete package requires no other software
- Supports Integra and T-96SR product families
- Information can be acted upon quickly as trends develop saving time and money
- Alarms can alert when data falls outside pre-determined tolerance range avoiding system downtime
- Works with OPC compliant systems

## OPC Enabled Diagnostics

### Why do I need OPC Enabled Diagnostics?

The diagnostics data generated by the Integra or T-96SR products is used by the DATARADIO Online Monitoring Program to interpret the information in a concise format. However, many users desire to integrate the diagnostics data with the SCADA application data without the need for custom programming. OPC, a worldwide recognized industry standard, eliminates the need for custom programming and allows the diagnostic data to become part of the total SCADA package.

### What type of clients does the OPC Enabled Diagnostics support?

The OPC Enabled Diagnostics supports a wide range of clients including those listed below. It can even support multiple clients using different interfaces at the same time.

- OPC – OLE for Process Control
- DDE
- FastDDE
- AdvanceDDE
- FIX<sup>®</sup> Driver

### What is the required operating system?

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

### Who are some of the SCADA software providers supported?

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

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Note: Computer hardware is packaged and sold separately.



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