

SCADA/DCS Upgrade Bulletin

R-Win, Wireless-Internet Networking

R-Win is a smart tool for SCADA / DCS performance upgrade by better management of wireless communications.

The R-Win system includes Comm-Server, original AGM software installed in the SCADA / DCS Ethernet center (OPC server) and hardware-software compact units installed in remote sites in the field.

The R-Win unit in the field transmits the PLC/RTU data via IP Radio-Modem or Cellular Router, or both, which broadcasts it to the network and manages the wireless communications of the distributed system.

The R-Win unit is capable of communicating with neighboring units through "lateral" communication without the mediation of the control center, and thus contributes to the system a number of unique and important capabilities, such as:

- Communication and Control Redundancy and Resilience.
- More effective communication network via Routing-Bridging-Store & Forward and Real Time or Near Real Time communication capabilities.
- Management of local, sub-system control processes without involving the control center, no "polling" needed by smarter data communication.
- Higher level of information and communication security and protocol conversion (ISA Secure compatible).

These capabilities contribute major benefits to SCADA/DCS system leveraging, enabling effective and economical upgrade solutions to issues such as; Assets optimization, Wireless System Redundancy, Last Mile connectivity, wireless MESH Networking, old-heterogeneous systems gradual & economical upgrading and more.

Developing and upgrading the SCADA system is the best way to leverage existing infrastructure, retaining previous investment in equipment and operator training.

We are sharing our latest innovative upgrade solutions with you, while soliciting your ideas which we value especially.



For more Information
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