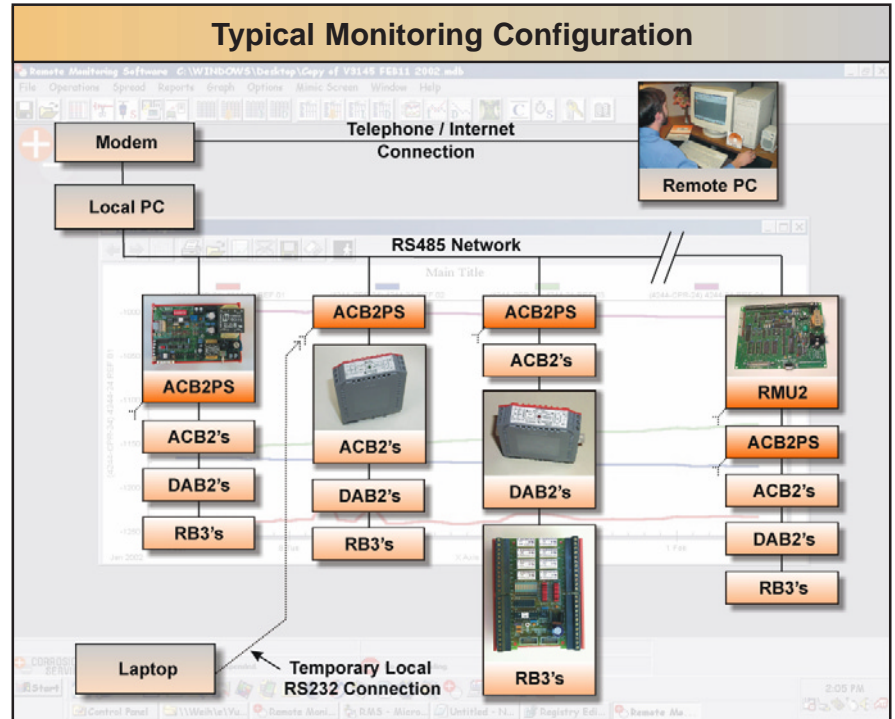


*With over 20 years of expertise in designing and building remote monitoring and control systems, Corrosion Service is a leader in the supply and installation of reliable electronics and software to manage corrosion prevention systems.*

*Benefits and features include:*

- Monitor & control distributed electrochemical protection systems from one location.
- Minimize the time required to operate and control the systems while maximizing the accuracy of record keeping and reporting.
- Proven hardware constructed to withstand the harshest environments.
- System access and control from the rectifier cabinet, the Plant Central Control room, or remotely by phone.
- Optional data storage at each node where continuous communication to the network master cannot be implemented.
- Complete graphing facilities within the RMS software cater to every reporting need.



### Description

Monitoring the operation of a corrosion prevention system should be a simple and reliable task. This is made possible through the combination of RMS software and ACB2 hardware.

With the proven reliability of the ACB2 product line and the versatility of the RMS software, electrochemical protection systems throughout an entire plant can be monitored and controlled from a single location.

Provision is made for local setup and control, automated alarming, and database backup. Graphical and tabular displays allow the

owner to analyze both current and historic operating conditions.

### Hardware

Designed for accuracy and reliability in the plant environment, the ACB2 product line comprises the building blocks for the monitoring system. Individual modules perform the functions of parameter measurement, rectifier control and monitoring, and relays for interruption of rectifier outputs. These building blocks are provided with power and a communication link to the RS485 network using the ACBPS.

*/...over*

Systems can consist of continuously connected nodes on an RS-485 network or telephone accessible remote nodes.

If local data storage is required at a rectifier cabinet location, an RMU2 (Remote Monitoring Unit Ver. 2) can be incorporated. The RMU2 can provide data storage at a cabinet which cannot be continuously accessed by the network.

The ACB2 building blocks can be combined as dictated by the needs of the monitoring program.

Please refer to data sheet 3615 for additional information.

### Software

The software performs all of the communication and data storage functions necessary to monitor and control the remote hardware and to store and present data for the user.

To monitor the input data to the ACB2 products, the user defines

which devices are connected to the network and specifies a sampling frequency.

Rectifier control is achieved through the software by entering the available DAB2 controllers and rectifier output levels into the program and indicating a control update frequency.

With these basic functions set up, the user has an operating remote monitoring system.

Beyond the basics, the RMS software can be instructed to include instant-off readings or conduct a detailed depolarization on all or parts of the structure. Depolarization can be conducted with up to 10 different sampling frequencies. Results of the depolarization can then be compared to Base Potentials.

Operating data can be displayed in tabular, graphical, or report format by the RMS program.

Please refer to data sheet 3801 for additional information.

*For additional information please contact the office nearest you.*

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