

Planning for the Future

Product Direction Path

In order to meet every new challenge in the process control industry, Remote Automation Solutions and Emerson Process Management are constantly improving our existing hardware and software, taking advantage of new technologies and developing new products. Our development teams are always hard at work implementing new features so that our clients will have the latest trends in process control at their fingertips.

As one of the first companies to create a process controller in the mid 1970's, we have produced three generations of hardware and software. Compatibility between generations has always allowed customers to integrate multiple generations of product into their SCADA networks, providing a risk-free upgrade path while maintaining their investment.

Today, ControlWave products are being installed into new and existing systems all over the world. We have created the ControlWave product line to meet and exceed all previous Network 3000 functionality in order to offer our customers a seamless upgrade to the new generation of controllers. Over the next year, we will be focussing on the migration of our customers to the ControlWave architecture for both new and existing installations. We have provided a valuable set of compatibility and migration tools to facilitate their transition. Of course, we will continue to repair and support all of our legacy Network 3000 products

The future of ControlWave can be seen in the latest product releases where we have created a complete range of solutions based on a standard hardware and software architecture. This year we have already released the new ControlWave Express, the ControlWave ExpressPAC, the ControlWave GFC, and enhanced the historian storage capacity for all ControlWave devices, permitting up to 16MB of data in a single archive. Within the next few months we will also release a Dual Ethernet version of the ControlWave Micro, an Expansion I/O rack for the ControlWave Micro that will more than double its I/O processing capability and new I/O cards for RTD and Thermocouple inputs.



Our new association under Emerson Process Management means that development will soon begin on other enhancements such as Foundation Fieldbus and tighter integration of the HART™ protocol, bringing plant based protocols into the SCADA environment. Other protocols in our development plan also include new wireless interfaces, the IEC60870-5 standard and enhancing our DNP3 interfaces to match the WITS standard.

Development does not stop at the hardware level. OpenEnterprise version 2.6 was recently released and new features have already been announced for a minor upgrade later this year with a major release, version 3.0, to be announced next year. The OpenBSI communications interface is always improving and work on version 6 of the product has begun. Our OpenBSI enhancement project will take our feature rich product and give it an easier to use interface and better integration with industry standard IT and network management tools. The recent concern for physical and data security has created powerful design concepts such as security vision. Security Vision works similar to our native alarming features and allows customer to use web based cameras in tandem with

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our ControlWave product line to capture images and transmit over the BSAP protocol. Since SCADA hosts are normally monitored 24/7, we are using this backbone to provide real time captures of field events and automatic pass thru to the host system.

With all of this development work underway, and with new processors and technologies being included every year, we expect that the ControlWave family will continue to be enhanced for the next 10 to 15 years. Beyond that time, support will continue while development will shift to a fourth generation product. Like all generational changes before, the Gen4 product will be faster, have far greater features, be easier to implement, run at lower power and yet will still be backward compatible to the ControlWave Family to ensure a smooth transition.

With over 65,000 units installed in SCADA today and over 100 years of company existence, be assured that we have a long future planned ahead. Under our new parent Emerson. We see an extremely bright future for our customers as well as our staff that provides the service.

Please contact us so that our future plans can assist you to achieve your future goals.

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