HI-TECH C® Compilers Alive and Well in Foxboro's World-class Remote Terminal Unit Development Center

With a renowned reputation in the control industry, Foxboro SCADA Australia sees its primary focus as developing world-class Supervisory Control and Data Acquisitions (SCADA) systems.

Additional information about Foxboro and their integrated solutions can be found at www.foxboro.com.

With many installations in hostile environments, Foxboro's SCADA systems are found in applications such as electric power substations, power distribution networks, oil & gas pipelines and railway systems.

For over 15 years, the Foxboro business unit of Invensys has been using HI-TECH C to design and develop software for Remote Terminal Units (RTUs). These units, which gather digital and analogue data from equipment in the field, are installed in numerous large power substations, with the list of clients including Powerlink Queensland in Australia and Transpower in New Zealand.

Working under strict validation and verification regimes, HI-TECH C was selected as the best software to address these requirements. "With high quality, low cost software and readily available access to expert technical support – who else would we have chosen for the job," states Colin Weaver, Senior Software Engineer of Foxboro. "All the hardware designers and embedded software engineers in the company have had some form of contact with HI-TECH Software's tools and are extremely pleased and comfortable with using the HI-TECH C compilers. We are particularly impressed with and heavily use the remote debugger feature."

Throughout the years, HI-TECH's Z80, 68000 and HC11 compilers have proven to be a great asset in Foxboro's engineering prowess and pursuit of excellence. Says Mr. Weaver, "We have found HI-TECH Software's tools to be very stable and reliable. In fact, in all my time with Foxboro, we have had almost no exposure to HI-TECH's support simply because the need for it has not arisen – the tools have not broken down for us in years!"

This enduring and successful relationship between HI-TECH Software and Foxboro is set to continue for many more years to come. As Foxboro looks into developing new generations of hardware, they are adamant that they will maintain their HI-TECH C compiler-based designs.