



# THE SUPERIOR CONTROLLER

VOLUME 13 ISSUE 1

## Superior Controls Expands and Moves

After 15 years of growing our business, Superior Controls proudly announces that we are expanding and moving into our own headquarters. On March 20, Superior Controls purchased a 24,000 sq. ft., three story, brick office building in Seabrook, NH. The building, constructed in 1988, formerly served as the administrative headquarters for Sovereign Chemicals.

The new building roughly triples our current space and will perfectly complement and support Superior Controls business growth plans in the coming years. An aggressive schedule for an early July move is on track, and Rick Ascanio is handling the numerous fast track renovations that are in progress.

The added space will allow us to meet the needs of a growing customer base. The building layout includes a dedicated validation documentation preparation/staging area and multiple conference rooms. One level is being prepared to house our software and documentation libraries, as well as areas for project testing, equipment staging and calibration, and factory acceptance testing.

In addition to optimizing the building layout for office and test areas, basic upgrades include a massive parking lot expansion (see photo) to

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Superior Controls, Inc. Headquarters  
Seabrook, NH



The *Superior Controller* is published by Superior Controls, Inc. of Seabrook, NH—the leading controls system integrator specializing in the design and implementation of industrial automation and information systems.

The purpose of this newsletter is to present project examples to our customers. Your comments are welcome. Write or Fax:

**SUPERIOR CONTROLS, INC.**  
Trusted Automation Excellence

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## Ocean Spray Awards Superior Controls with Supplier of the Year

Ocean Spray CEO, Randy Papadelis, announced Sept. 15 that Superior Controls had won the prestigious Supplier of the Year award for capital equipment. The award, presented to the vendor that most contributes to Ocean Spray corporate economic goals, was accepted by Superior Controls President, Rick Pierro, at a formal vendor banquet.

Ocean Spray, a \$1.6 billion company headquartered in Middleboro, Massachusetts, is the world leader in providing cranberry-based juices and fruit. For some time now, Superior Controls has been deploying automation and information management systems for Ocean Spray facilities throughout North America. These include receiving and packaging facilities in Middleboro and Carver, MA; Babcock and Seattle, WA; Wisconsin Rapids and Markham, WI; Chadsworth, NJ; and Langley, British Columbia.

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## What's Happening at Superior Controls



**50-Mile MS Challenge Walk** *Patty Ascanio, Superior Controls VP of Engineering (left), with her niece, Heather, completed the 50-mile MS Challenge Walk on Cape Cod, raising \$5,800 for the National Multiple Sclerosis Society. Superior Controls will be sponsoring her upcoming walk for MS on Sept. 7–9. Anyone wishing to make a pledge, please e-mail Patty at [pascanio@superiorcontrols.com](mailto:pascanio@superiorcontrols.com).*



**Annual Cookout** *Over 80 engineers and family members enjoyed the annual Superior Controls Cookout.*



**ISPE Student Leadership Conference** *Rick Pierro receives a certificate of appreciation from UMass-Amherst students who accepted his challenge to travel to Washington, DC for a recent ISPE Student Leadership Conference.*



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accommodate 88 vehicles, and fresh paint and new carpeting for all the office areas.

We are also putting in place a number of Green Initiatives which include upgrading the heating system with high efficiency boilers, installing staged electrical service for all AC condensers, and replacing all fluorescent bulbs and ballasts building-wide. Other installations include state-of-the-art security and surveillance systems, and biometric access control.

The building is located on 2.8 acres and is approximately 15 minutes from our current office. One great feature is that it is easily accessible from Interstate 95, with the nearest exit just a couple miles away.

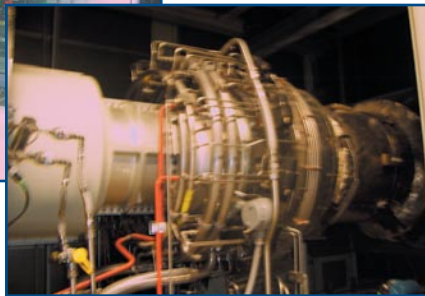
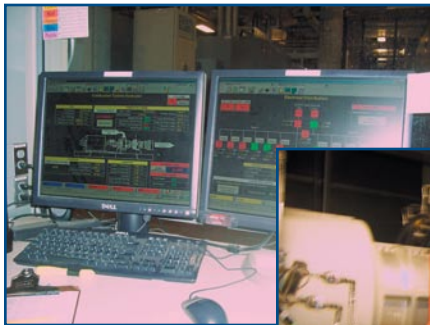
To celebrate the closing in March, Superior Controls employees toured the new headquarters and had the opportunity to view the building prior to all of the renovations. This was followed by an enjoyable company



dinner at a nearby restaurant. As Heidi French, a long time employee said, "Yesterday isn't soon enough to be enjoying all our new building has to offer."

## BiogenIdec Cogeneration System a Success

Superior Controls has successfully completed the programming, implementation, and validation of a DeltaV based automation system for a 5.1MW Cogeneration System at BiogenIdec. The DeltaV distributed control system was configured to monitor and control several new Central Utility Plant Systems including a 60K PPH Heat Recovery



BiogenIdec's 5.1MW Cogeneration System

Steam Generator, two 50K PPH Auxiliary Boilers, a 1.2K Ton Steam Absorption (13.8KVolt) Combustion Chiller, and the 5.1MW Solar Turbine Generator. Four Rockwell, ControlLogix PLC controllers were also utilized to provide local control and feed critical process data to the DeltaV DCS System. The newly expanded six story Cambridge-based BiogenIdec building houses the new equipment.

Joe Musiak, Associate Director at BiogenIdec, said, "We selected Superior Controls because of their experience with DeltaV and cogeneration facilities in general. Also, their large engineering staff and emergency response service was a factor."

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The Ocean Spray Supplier of the Year Award aptly describes our contribution:

"Superior Controls provides excellent technical resources; timely completion of projects; outstanding control system development and integration services. They are available 7 days a week/24 hours a day to help keep Ocean Spray facilities up and running after project implementation.

Superior Controls is well deserving of the Supplier of the Year Award."

Superior Controls is proud of our engineers who have contributed so much to achieve this award. Special thanks go to Sean Hoffman, Chris Treat, and Heidi French for their superb work.

## THE PEOPLE WHO ARE SUPERIOR CONTROLS

## Eight Professionals Join Superior Controls



**Rhonda Robinson**, an experienced engineer, earned a BS in Plastics Engineering at the University of Lowell and worked for numerous years as a Product Engineer and Applications Engineer in the automotive industry for Textron Automotive Division. At

Superior Controls, Rhonda is preparing validation documents for both a GMP Biotech distillation project to produce dissolvable surgical sutures as well as a large Biotech Building Management System. Rhonda lives in Sandown, NH, and enjoys outdoor family activities, especially skiing and camping, and is involved in Cystic Fibrosis fundraising.

**Kevin Ferrigno**, a talented Mechanical Engineer with a BS from MIT (with an impressive 4.6 GPA), has ten years of practical engineering experience. He served as a Senior Automation Engineer at Advanced Digital Motion, and as the Automation Systems Manager at Control Technology Corporation. His current projects include a validated, S88 compliant, cGMP, batching system for a biotech facility, and a data base upgrade project for a solar panel manufacturer. Kevin, who resides in Beverly, MA, enjoys sailing his boat, and will be getting married this September.



**Chris Treat**, a talented engineer with a BS in Electronic Engineering Technology from Wentworth Institute of Technology, has built automating machinery at Kingsbury Corporation and at Precitech Corporation, both in Keene, NH. His current projects at Superior

Controls include automating several cranberry blending and processing projects as well as implementing an automatic filtration/crystallization project for a Pharmaceutical facility. Chris is a New Hampshire native and enjoys the outdoors.

**Nancy Reiss**, an experienced Validation Documentation Specialist, has a BA in English from Allegheny College and a Biotech Certificate from New Hampshire Vocational Technical College. Nancy has been a technical writing contractor for companies such as Ionics, Millipore, Lonza and Process Facilities. At Superior Controls, her projects include preparing validation documentation for a new bio-



tech manufacturing suite and a validated utility monitoring system. Nancy lives in East Kingston, NH, where her passions are watercolor painting, gardening, and her Dalmatian.



**Maria Roberts**, a versatile Biochemist and Validation Documentation Specialist, has an AS in Electrical Engineering from Merrimack College, a BA in Chemistry and an MA in Biochemistry from SUNY Plattsburgh. Maria has created web based product documentation at telecommunications companies such as Siemens and Comverse. At Superior Controls she has prepared validation documentation for numerous biotech and pharmaceutical clients. Maria lives in Newton, NH, and in her spare time enjoys gardening, canning, and outdoor activities.

**Derek Morris**, a veteran engineer with 21 years of experience in manufacturing, has a BS in Electrical Engineering from the University of Massachusetts and graduated from GE Industrial Field Engineering Program where he worked for 15 years. As president of Custom Engineering Solutions, Derek managed the engineering consulting firm to commission a new Nissan automotive plant in Mississippi. His projects at Superior Controls include a batching system to produce material for touch screens, a GMP control system to produce surgical staples, and an automated fire/gas detection system. Derek lives in Marblehead, MA, where he enjoys basketball, yard work, and his escapes to Cape Cod.



**Erick Ehler**, a skilled graduate of the Colorado School of Mines with a BS in Engineering, has worked as a Data Analyst for Halliburton Energy Service Group. His current Superior Controls projects include automating a cranberry processing system, implementing a database project to control a validated distillation process, and deploying software for a biotech environmental monitoring area. Recently married, Erick lives in Portsmouth, NH, and plays rugby on co-worker Matt Stafford's team. Most spectators claim he's also faster than Matt.

**Doug Johnson**, a veteran engineer with 15 years of machine design, manufacturing and installation experience, worked at Compuare/Numega as a software developer, and at Heidelberg Web Systems as a Design Engineer. Doug is a graduate in Electronic Engineering from Worcester Junior College. His current Superior Controls projects include implementing a control system for a cGMP robotic assembly system to prepare medical diagnostic solutions, an automation system to control exhaust stack gasses, and an HVAC control system for a biotech facility. Doug lives in Hampstead, NH, and prefers bass fishing to his home maintenance projects.





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