

**C. C. CONTROL**  
C O R P O R A T I O N  
"INTEGRATING THE FUTURE"

## Our Mission

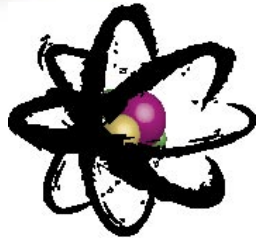
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Is to serve you, our valued customer, with prompt courteous service and professional products that exceed your expectations.

## We Invite You

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To dedicate a few minutes of your valued time and join us on our website.



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## Meet the Team



**Bob Bryan** *Purchasing Manager*  
Bob has been employed with C.C. Control since 1997. He has been involved in purchasing and negotiating electrical pricing with C.C. Control and distribution channels for over 20 years.



**Mike Tufts** *Field Service Manager*  
Mike has been working in the service field since 1995. He has a wide variety of experience with process controls and instrumentation, programmable controllers, and variable speed drives. Mike has been responsible for the successful startup and service of many of our water, wastewater and water management projects.



**Matt Skidmore** *Senior Project Engineer*  
Matt has over a decade of hands on electrical and instrumentation and controls experience. His responsibilities include electrical design, automation programming, startup, training, and project management. Matt has been with C.C. Control since 2003.



**Jim Hecht** *Senior Project Manager*  
Jim has been involved in the design of custom control systems in our industries since 1988. He has turnkey project involvement with engineering, management and operations personnel in the design and installation of automated systems. He has developed, programmed and tested programmable logic controller, scada and operator interface software to integrate systems with various manufacturers.



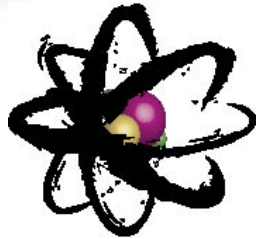
**Chuck Hershey** *General Manager*  
Chuck has over 25 years of experience in all phases of management, project design and construction of custom control systems. His responsibilities include overseeing manufacturing, scheduling, personnel, quality control and estimating. Chuck works closely with our OEM client base to ensure the control systems we provide exceed their expectations.



**John Stock** *Project Designer*  
John started with C.C. Control in 1997 as a panel builder and worked his way thru field service, the autocad department and is now designing projects. His responsibilities include electrical design and project management.



**Luis Garcia** *Senior Estimator*  
Luis has been a part of the C.C. Control team for over 18 years. His overall experience ranges from drafting, design and programming thru panel fabrication, he has a complete understanding of all custom control project phases. This experience has enabled him to successfully estimate projects on a competitive level.



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## Industries

Our in-depth industry knowledge and experience makes us the preferred integrator for your process solutions.

### Water / Wastewater

C.C. Control is experienced in developing customized applications that meet the challenges of today's water and wastewater industries. Our expertise ranges from the simplest of Pump Control Panels to the most sophisticated of water and wastewater processing plants.

### Lighting

Our team understands that lighting control systems play a vital role in creating the ideal and safe environments for sports, park lighting and airport airfield lighting. We have over 25 years of experience w/ custom lighting controls and the knowledge to provide our customers with the latest technology and equipment available.

### Transportation

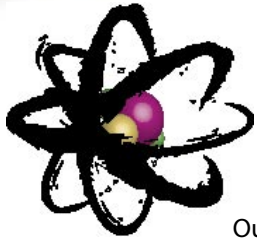
We have also been involved with the automation of Bascule Bridges since our inception. We have extensive knowledge and understanding of what it takes to successfully build a Bascule Bridge control system with complete reliability. Whether your specific need is a relay logic base control system or total plc automation, we can accommodate your requirements.

### Other Industry Venues Include

- OEM Control Panels.
- Landscape Irrigation Control Systems.
- Department of Transportation Toll and Interchange Lighting Control Systems
- Specialty Power Distribution Units

### Water Management

Water Management Districts are responsible for managing and protecting water resources by balancing and improving water quality, flood control, and water supply. C.C. Control provides gate and pumping control panels, telemetry systems to monitor and control various site remotely, and various instruments to monitor water quality and water level.



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## Products and Services

Our Systems Integration team is focused on improving the rate, accuracy and efficiency of our clients' processes. We accomplish this through the use of innovative technologies, our unique integration capabilities and creative solutions to challenging automation problems. Our core capabilities ensure your technology investment is one that maintains its' value into the future.

We have the experience and staff to provide complete turnkey solutions including electrical design, software development, project management, documentation, panel manufacturing, field installation, startup, and training.

### Conceptual Design

With over 25 years of project management experience, C.C. Control understands that solutions must be customized to fit your particular environment. Your business requirements are unique and that's why we are dedicated to getting to know you and understand your unique needs and goals.

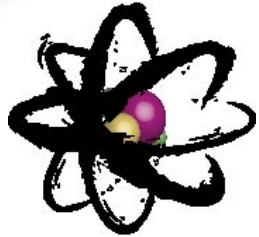
We work with you from the beginning to define your requirements, which are the foundation for making the right technology choices. From there we will help develop the strategies to implement a system that meets your requirements and exceeds your expectations.

### Detailed Drawings

Our team of senior level automation specialists understands the importance of proper documentation. We also understand the pain and inefficiency caused by a poorly documented automation system. We can research your process and provide documentation packages that include drawings and schematics developed with Autocad as well as system descriptions and sequence of operation documents. We have compiled a library of thousands of electrical components and symbols that we use to produce professional, easy to read schematics and wiring diagrams.

### Shop Fabrication and Assembly

Our fabrication facility can provide custom electrical assemblies as part of an automation project or as a stand-alone product. Panels are assembled to the highest standards in our panel shop which covers construction, painting, mounting, wiring, inspection, testing, packaging, and delivery. All of our panels are shipped with electrical schematics and panel layout drawings. In addition, U.L. 508 or U.L. 698A certification can be provided for any panel. Our designers and technicians are located in the same facility which enables us to communicate closely on any issues that arise. We thoroughly simulate and test each and every panel to ensure proper operation and safety once installed in the field.



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## Products and Services Cont.

### Programming

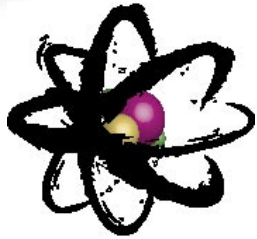
Our team was built on the foundation of automating projects. Programmable logic controllers are the proven choice when it comes down to reliability and industrial hardness. Our automation specialists are senior level programmers who have been developing PLC programs ranging from small program modifications to full line control and integration. Our programs are concise and well documented. We continually enroll in software maintenance and support programs to ensure we are developing PLC logic with the most advanced software. These support programs allow us to receive comprehensive technical support, access to online resources, knowledge base articles and product upgrades. We can provide efficient and effective PLC programming services using a variety of PLC brands and types:

- |                               |                          |                              |              |
|-------------------------------|--------------------------|------------------------------|--------------|
| * Allen Bradley               | * Bristol Babcock        | * GE Fanuc                   | * Modicon    |
| * Omron                       | * Siemens                | * SquareD/Schneider Electric | * Motorola   |
| * Rockwell Automation RS view | * GE Fanuc - Intellution | * TriHedral VT SCADA         | * Wonderware |

We have designed numerous Supervisory Control And Data Acquisition systems, with non proprietary PLC's for central and remote RTU's and have maintained an open architecture philosophy. Our telemetry installations are easy to maintain, upgrade and troubleshoot. RF telemetry, telephone modems, LAN's, WAN's or the Internet are all options for our SCADA systems' distributed communications. Whether for water treatment plants, distributed pumping stations, lift stations or industrial facilities, C.C. Control Corp. can provide SCADA systems tailored to meet your needs.

### Field Assistance

Our technicians and programmers have many years of experience with system startups and solving operational problems in the field. We can provide equipment calibration, inspection, testing, ongoing maintenance, troubleshooting, repairs, panel modifications or system programming. We offer comprehensive 24 hour emergency service and maintenance on our own systems and systems installed and configured by others. On-going system support may be accomplished via a modem or internet link to diagnose problems or make minor system adjustments. We are dedicated to the performance of your system and the success of your operation.



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## Products and Services Cont.

### Training

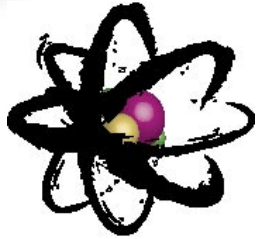
Equipment and software training can be provided on-site or at our facility for operations and maintenance personnel. Hands-on approach and training material is utilized for a comprehensive program that is custom tailored for each client. Instructional videos can be provided for ongoing training of personnel.

### As-built Documentation

C.C. Control Corp. takes pride in the accuracy and completeness of our drawings and documentation packages. Every system we build is accompanied by a set of notebooks and/or electronic documentation that contain as-built drawings, program printouts, calibration, loop checkout reports, software backup files on CD, and operation and maintenance instructions. We retain indefinitely, a documentation package including all software backup files for each and every project we provide in the event you require additional copies or future troubleshooting and software maintenance.

### Affiliations





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## Projects

### Reverse Osmosis Water Treatment Plant

The Highland Beach RO WTP is a 2.25-mgd reverse osmosis brackish groundwater treatment plant. The designed ultimate capacity for this plant is 3.0 mgd. The plant was commissioned in October of 2004 and it was built to replace the now decommissioned Mainland WTP. The plant receives its water supply from two new groundwater supply wells that are 1,010 to 1,200 ft deep tapping into the Floridian aquifer.

The new R.O. treatment plant was designed with (10) Allen Bradley Control Logix PLC's networked via a dual ring redundant fiber optic controlnet network. (2) redundant computers and one client node was configured with GE Fanuc IFix software for monitoring / control, alarming, historical trending, daily & monthly reports. Other control panels are provided for chemical unloading, chemical transfer and analytical status for various PH, conductivity, temperature and chlorine residual.

Major process control included:

- \* PID control of raw water well VFD'S
- \* PID control of membrane feed VFD'S
- \* 3 R.O. trains
- \* Chemical system pacing
- \* High service pumping



### Westport Waste Water Treatment Plant

As one of the fastest growing cities in the country, Port St. Lucie has an immediate need for wastewater collection and reuse utilities. A recent expansion of the Westport WWTP treatment capacity to 4.0-mgd is one piece of a city master plan adapting to the growth. The city has also looked years ahead by having the plant's design easily accommodate future expansion. The plant was on-line in 2004 and it was built to replace the on-site packaged plant. The plant receives its influent from one 16" and one 24" force main lines. The treated effluent is distributed as reuse or injected into deep wells.

The new wastewater treatment plant is designed with (5) Modicon Quantum I/O chassis networked via a Modicon remote I/O network. (2) redundant computers, (2) client nodes and a radio link to the Prineville WTP are configured with GE Fanuc IFix software for monitoring, control, alarming, historical trending, daily & monthly reports. Other control panels are provided for flow control, level control and analytical status for PH, turbidity, and chlorine residual.

Major process control included:

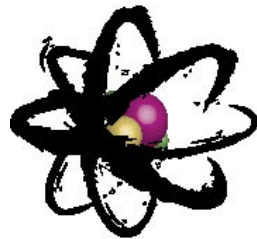
- \* PID control of Surge Return Pump VFDs
- \* Control of Injection Well Pumps
- \* PID control of RAS/WAS Pump VFDs
- \* Aerator VFD control
- \* Pressure control of Plant Service Water



## Contact Us Today!

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