



## BULK MATERIAL HANDLING

### Port of Miami Tunnel Project

One example of our many projects in the bulk material handling industry is our work on the new interstate highway quality roadway tunnel under Government Cut to the Port of Miami. We built the controls for 10,000 feet of conveyor systems serving the football-field-long tunnel boring machine (TBM). We provided multiple 200 hp VFDs and all associated PLCs to control the conveyance of tons of paste-like muck extracted by the TBM to the surface to be hauled away.

Notable in this project was the fact that all of the control equipment was contained in three portable electrical housings. This allowed complete systems to be installed and tested in a factory environment before trucking the containers to the job site, thus saving the customer hundreds of hours of expensive on-site installation and test time, while enhancing overall quality.

The project also showcased our solid project management capabilities, which helped assure on-time delivery and on-budget success. Our project managers are PMI certified and have responsibility and accountability for project schedule, quality, and budget.



*Since the founding of Revere Controls in 1980, and many years before that for some of our key people, we've been helping clients design, build and install bulk material handling systems.*

### Move more with Revere

For decades, we've built systems and controls that have moved literally millions of tons of earth, from copper mines in the mountains of Chile, to diamonds in the Arctic Circle, to salt in the Bahamas to Silver in Nevada to coal in Alabama.

At Revere, we design and manufacture controls for bulk material handling systems across the United States and around the world. From original engineering designs to system start-up, our team of experienced professionals will ensure that your system works as required, ton after ton.

### Entire systems

Since the founding of Revere Controls in 1980, and many years before that for some of our key people, we've been helping clients design, build and install bulk material handling systems. We've worked underground and overland; we've designed short-distance systems and others that stretched for miles.

We are PMP certified by the Project Management Institute. For clients of all sizes we manage all aspects of their bulk material systems, ensuring that everything from design to finished system is appropriate to the job.

We work primarily on low- and medium-voltage systems. We help customers with every aspect of the control system, from initial engineering to equipment (motors, motor controllers, power distribution equipment, PLC based control systems) to installation, field training and start-up.

At Revere, about one-third of our employees are electrical engineers with experience in bulk material systems. As an independent provider, we chose only the systems and component pieces appropriate to your job.

*A few key reasons to consider Revere:*

- Brand-independent pricing
- Full simulation testing
- Efficient production
- International support

Special services such as wireless communication systems, visual monitoring systems, data acquisition, management reports, etc.

### Certification: your guarantee of excellence

At Revere, we hold all of the major certifications, including

CSIA: Control System Integrators Association (CSIA). This demanding certification includes an audit of more than 200 "best practices" criteria. The audit includes every aspect of the integration industry, and has been awarded to only 300 integrators.

UL 508A and UL 698A panel shop

CSA: Canadian Standards Association

CE: European Standards

### REX: All project data. Easily accessible.

REX is our client extranet, a web-based repository of all project-related data. You can access all of your project data 24/7, including submittals, correspondence, bills of material, schedule information, drawings and shipping status. We update data on REX every 24 hours; you'll even be able to communicate with our project managers and sales personnel.

REX offers another benefit. If your PLC programs are ever lost or damaged, you can download replacements, helping get your systems back online faster.

### AAG: International Support

As part of the Automation Alliance Group, we have access to integration and systems expertise and labor throughout the world. This has proven to be a useful resource for customers with international operations.

### Move more with Revere

If you are planning or operating bulk material handling systems, we have the expertise and the control systems to help you move more. For more information, visit our web site at [www.reverecontrols.com](http://www.reverecontrols.com), or call us at 800-536-2525.

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