PROJECT SPOTLIGHT

BRAZOS RIVER VENTURE - PERRO GRANDE | ELECTROLIT

U.S. MANUFACTURING FACILITY

INTEGRATED TECHNOLOGY SOLUTIONS FOR A FLAGSHIP U.S. MANUFACTURING PLANT

PROJECT SNAPSHOT

CLIENT
Electrolit

LOCATION
Waco, Texas

SPACE
600,000 sq. ft.

PROJECT TYPE
Greenfield Manufacturing and Distribution Facility

NCS SCOPE
Structured Cabling, Security, Surveillance and Audiovisual

THE PROJECT STORY

COLLABORATION SPACES

DATA INFRASTRUCTURE

MANUFACTURING FLOOR

99
IP CAMERAS INSTALLED

39
ACCESS CONTROL POINTS

IT / OT
NETWORK INFRASTRUCTURE

THE CLIENT

Electrolit, a premium hydration beverage brand founded in Mexico in 1950, is one of the top five sports drinks in the U.S. market. To meet growing demand, the company invested $400 million in its first U.S. manufacturing and distribution facility in Waco, Texas.

The 600,000-square-foot greenfield facility was developed with Stellar and designed for innovation, sustainability and operational excellence.

THE CHALLENGE

As a greenfield manufacturing facility, Electrolit needed a complete technology infrastructure built from the ground up capable of supporting both enterprise IT systems and mission-critical OT operations. The facility required advanced security, real-time surveillance, and AV systems for training and collaboration, all integrated into a scalable, reliable, and future-ready environment.

RESULTS THAT MATTER

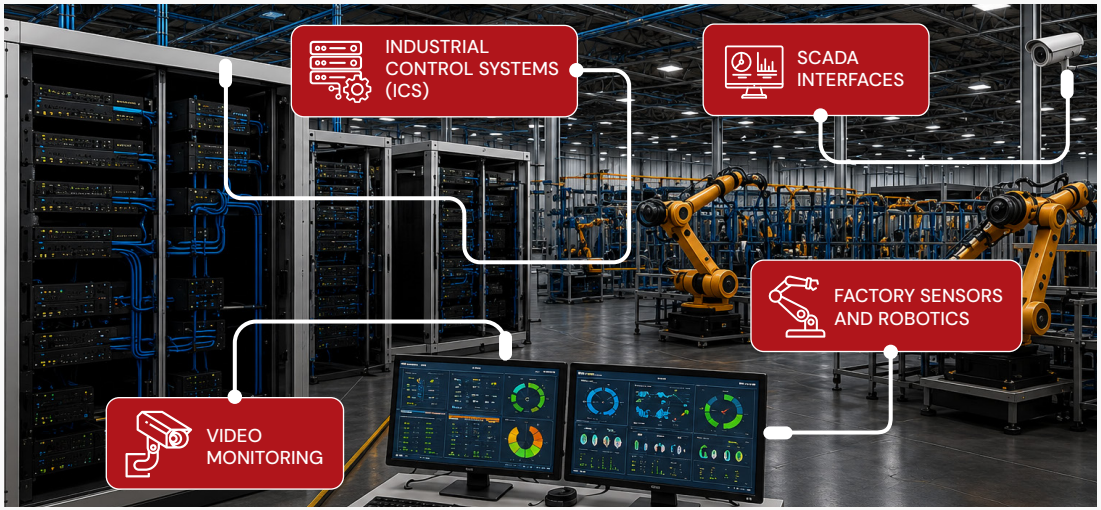
NCS delivered a fully integrated technology infrastructure that connects people, processes, and systems across Electrolit's new Waco facility. The result is a secure, scalable, and high-performing environment designed to support advanced manufacturing, operational efficiency, and future growth.

- Reliable IT and OT networks built for performance and uptime
- Enhanced facility security with integrated access control and surveillance
- Collaborative spaces equipped with modern AV for communication and training
- Scalable infrastructure ready to support future expansion and innovation

ONE TECHNOLOGY FOUNDATION FOR SECURE, CONNECTED OPERATIONS.

NCS delivered an integrated technology foundation that supports production, safety, visibility, communication, and long-term growth across Electrolit's first U.S. manufacturing and distribution facility. Structured cabling, security, surveillance, and audiovisual systems were designed to work together across both IT and OT environments.

STRUCTURED CABLING FOR IT AND OT CONVERGENCE



NCS designed and deployed a high-performance cabling infrastructure that unifies IT and OT systems across the beverage plant. The network supports industrial equipment, cameras, sensors, SCADA, operator interfaces, and enterprise systems - enabling real-time data flow, operational efficiency, reliable production support, and long-term scalability.

INTEGRATED SOLUTIONS ACROSS THE FACILITY

99 IP CAMERAS INSTALLED

39 ACCESS CONTROL POINTS

SECURITY, SURVEILLANCE AND COLLABORATION

NCS implemented access control, surveillance, and collaboration technologies that support plant security, operational awareness, training, and team communication throughout the facility.

SERVICES DELIVERED

- Structured cabling for IT and OT environments
- Industrial networking and fiber infrastructure
- Access control with Genetec integration
- Video surveillance with Hanwha cameras and Genetec VMS
- Process monitoring and ICS connectivity
- Audiovisual solutions for training and collaboration spaces

BUILT TO SUPPORT OPERATIONS AND GROWTH.

The completed infrastructure gives Electrolit a secure, scalable, and high-performing technology environment ready to support production, employee communication, operational visibility, and future expansion.

Electrolit

Rendered system graphics are for illustrative purposes only and are not intended to depict the actual Electrolit facility, equipment, or system layout.

PREPARING FOR A MOVE, RENOVATION, OR TECHNOLOGY REFRESH?

Contact NCS to plan your cabling and AV from day one.

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- HOUSTON
- GALVESTON
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