Grain Facility PLC Control Systems



Comco understands many of the challenges faced in the grain industry. This experience enables us to provide feature-rich PLC control system solutions that are cost effective for any size operation.

System Highlights

- Simultaneous automated operations with cross-contamination prevention
- Alarms and Notifications via email or text
- Asset Management including equipment tracking and downtime analysis
- Inventory Management (Bin Board HMI and Note tracking)
- Identity Preservation (Source of Grain throughout the material handling process)
- Power consumption management with optimized startup and shutdown sequencing
- Automated pneumatic systems for dust control
- Analog gate position control to manage flowrates for more precise blending



Third Party System & Software Integration

Comco control systems can seamlessly integrate with 3rd party systems, including:

- Hazard monitoring systems
- Bulkweigher controllers
- Dryer control systems
- Railcar RFID sensors
- Truck scheduling systems

Comco also provides...

Feed mill automation · Plant process control systems · Engineering design · Workflow automation
Data management & analytics · CSA certified panel building · Water dosing systems
In-line dry flow weighing devices · On-site support and commissioning services

At Comco we believe in building long-term, trusting relationships with our customers.

We work very hard every day to be the best automation company that we can be.

We listen to our customers and make sure that our systems meet the needs of our customers' operations as they evolve.

The Comco Difference

24/7 SUPPORT

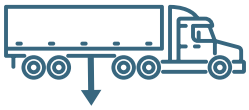
Our dedicated technical service team provides fast-response support around the clock so you're never stranded when you most need it

EXPERIENCED TEAM

Our clients benefit from the lessons we've learned across a multitude of diverse projects over the last 35 years

VENDOR INDEPENDENT

We support various different control system hardware and software platforms that enable us to implement innovative and cost-effective solutions that meet our clients' specific needs



Receiving

- Railcar RFID reader integration
- Animated railcars on HMI c/w import sheet parameters
- Truck scheduling integration
- Bulk weigher integration



Cleaning

- Fan speed control for cleaning equipment
- Feed-rate control
- Pre-set fan and feed-rate settings for different commodities
- Full start-stop sequence



Re-grading / Blending

- Combine multiple grades into one destination- Live adjustable ratios
- Once setup is complete, single click start



Storing / Reclaim

- Transfer commodity/grade from bin to bin
- Track commodity and grade matching
- Fan aeration control for heat and moisture control



In-house Transfer

- Cross Contamination prevention
- Specialized blending
- Simultaneous operations



Loadout

- Tracking truck/container tickets
- Spout control integration
- Container/Tilter integration
- Vessel live view

800.225.4417
info@ComcoControls.com
www.ComcoControls.com

Comco Canada
811A 58th St E
Saskatoon, SK S7K 6X5

Comco USA
503 1st Street
Ida Grove, IA 51445