KAHLER AUTOMATION®

When your process needs control.

FULL-LINE AUTOMATION SOLUTIONS

A RELIABLE PARTNER

A trusted leader in providing innovative solutions for industrial control automation with over three decades of experience.

We have partnered with industry leaders and are trusted by North America's leading ag retailers to streamline their operations.
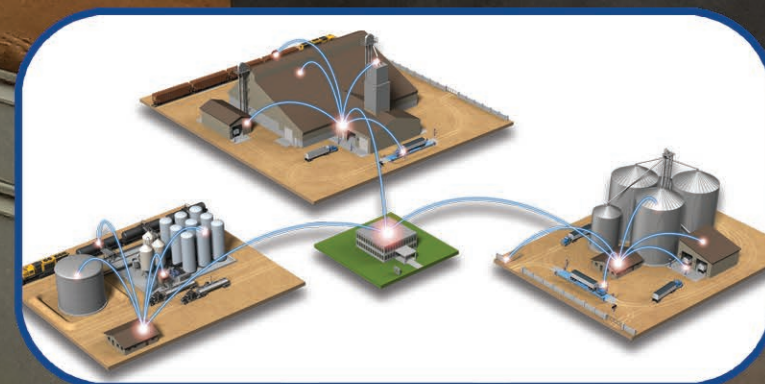
We listen to understand the customer's needs, use our knowledge and vast experience to deliver competitive advantage for your facility and help you achieve your business objectives.

Our comprehensive solutions simplify your operations by providing all necessary services from a single provider. Kahler works with a wide range of manufacturers to control any equipment.

We are committed to delivering quality solutions, business integration, and responsive support to drive the results you need.
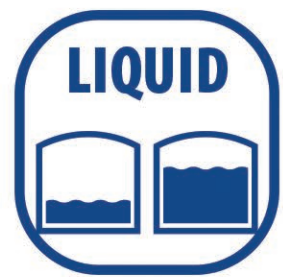
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cULus | BRONZE Technology Partner — A ROCKWELL AUTOMATION PARTNER | NTEP | AB Allen-Bradley — a ROCKWELL AUTOMATION

KAHLER AUTOMATION

SEAMLESS INTEGRATION

SOFTWARE

Streamline your business management to optimize your operation with our integrated data solutions.

From dispensing to transloading, our software solutions are designed to meet the unique needs of a wide array of industries. Whether you operate from a single location or a network of sites spanning the country, our software solutions are equally powerful and can be customized to meet your specific needs.

Connect all your locations with one interface to achieve profitable results with accurate and timely delivery of products from anywhere. Get enhanced security and valuable insights into your business performance and make data-driven decisions to drive growth and success.

With our tailored software we have solutions every step of the way for product moving through the facility. From capturing data during receiving, scaling trucks, blending, manufacturing to tracking containers.

CONSTELLATION
FULLY CONNECTED. FULLY EFFICIENT.

LIQUID

ADVANCED LIQUID HANDLING SOLUTIONS

Get accurate dispensing, measurement, and reporting with our liquid handling systems.

We work with an extensive range of measuring devices, including mass flow meters, volumetric flow meters, platform scales, truck scales, and chemical weigh-tanks to accurately dispense and blend products. Kahler Automation's experts provide tailored solutions that meet your unique needs.

Our intelligent software continually improves accuracy, ensuring optimal performance over time. As an automation leader, we design our solutions to maximize product purity throughout the cleanout process, using creative PLC coding and timely purges to avoid cross-contamination.

With our comprehensive liquid handling solutions, you can have confidence in the quality and accuracy of your products.

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KAHLER AUTOMATION

Staffed and Unstaffed Receiving
• System information can be set up by approved drivers or operations staff before or during product receiving. Automatically capture inventory data during the receiving process. Manage your inventory from anywhere.
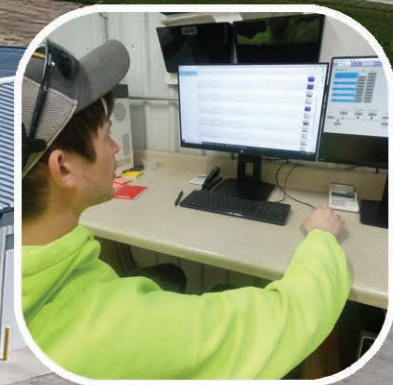
Staffed and Unstaffed Loadout 24/7 operation
• Our secure and unstaffed loadout system, available 24/7, features a customizable touch screen interface with various options, controls, and accessories, and can be operated by approved drivers or operations staff.

Inventory
• Our system allows product to be tracked coming and going out of the facility so that the inventory data is accurate and reliable.
• Efficiently track and manage tank levels across multiple sites with a variety of sensor types, and easily access tank levels and alarms from any smart device through our user-friendly interface.

Fluid Measurement
• Liquid product measurement is made easy with our advanced flow, volume, and weight sensors.

COMPLETE DRY AUTOMATION SOLUTIONS

Get accurate inventory tracking, streamlined documentation, and legal-for-trade solutions for invoicing and inventory.

Kahler is the leader with full control solutions for any size dry material handling facility, regardless of the type of equipment used — floor systems, towers, or anything in between.

In addition, our systems include hazard monitoring such as speeds, belt alignment and amperage to ensure reliable and efficient operations.

From receiving to loadout, Kahler has the expertise and experience to drive results and create a competitive advantage for your facility.

Receiving
• Kahler Automation provides equipment control and monitoring for staging, startup, and transfer of product to storage for various modes of transportation, including truck, rail, barge, and ship.

Reclaim
• Loader operators have access to real-time order and product information and can control equipment to ensure efficient operation of the complete facility.
• We offer automated bin level controls for advanced bagging and refill systems to ensure accuracy and efficiency.

Blending & Loadout
• Control all types of bin and blenders for transloading, wholesale and prescription fertilizer blends from the control room or tablet in a loader.

Legal for Trade
• Systems with legal-for-trade weighing systems are controlled and reported directly through Kahler software.
• Kahler can integrate truck scale and weigh hopper solutions to make a variety of systems legal-for-trade.

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KAHLER AUTOMATION

EFFICIENT TRAFFIC CONTROL SOLUTIONS

Efficient truck flow is crucial for a productive facility.

We analyze each client's entire requirements, from material flow within the facility to the external product movement beyond the core control system. Our solutions can seamlessly integrate with your existing systems to optimize efficiency, allowing for a continuous flow of traffic and reducing foot traffic.

By eliminating in-bay Q&A delays, our solutions ensure smooth and streamlined operations, resulting in increased productivity and profitability.

Grain
- Secure Access
- Camera System
- Scale Automation
- Photo Eyes
- Traffic Lights
- Message Board
- Identification Options

Agronomy
- Secure Access
- Communication Center
- Camera System
- Traffic Lights
- Message Board
- Identification Options
- Advanced Check-in/ Check-out

Access
- Ensure only authorized vehicles are granted access to your facility, while directing drivers to the correct loadout areas.

Advanced Check-in / Check-out
- Drivers are able to configure their loads and confirm order details, which enables loadout staff to effectively plan for upcoming orders.
- Identification options include RFID, QR codes, and order number.
- Outdoor printer provides drivers pick tickets or bills of lading.

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GRAIN CONTROL

Enhance your grain facility from receiving to loadout with easy operation, increased productivity, inventory management, and system monitoring.

Scale Integrations
- Seamlessly provides your accounting software accurate truck weights

Source Destination Control
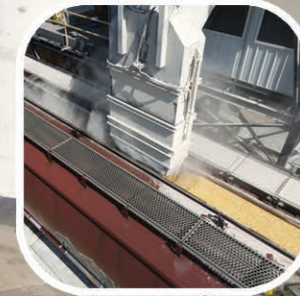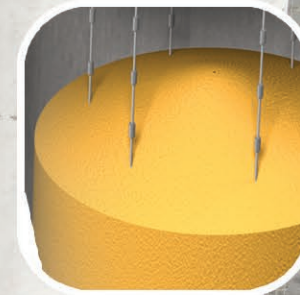- Automated grain routing control from pit to bin and from bin to loadout

Bin Monitoring
- Automatic fill and shutoff, real-time bin level display, larms & indicators

Hazard Monitoring
- Comprehensive monitoring, shutdown, and alarm parameters

Loadout
- Complete control of any type of receiving & loadout

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INDUSTRIAL INNOVATION

Many unique projects have been authored by the Kahler team, including irrigation, loading and inventory tracking of LP and NH3, mining operation controls, and many more.

OEM Partnerships
- Original Equipment Manufacturing solutions

Bulk Material Transloading
- Fast, efficient, precise, profitable

Portable Control Systems
- Complete, ready-to-go liquid solutions

Sugar Beet Temperature Controls
- Monitor temps within giant beet piles

Container Filling Systems
- Custom industrial automation solutions

SERVICE & SUPPORT

Kahler provides flexible and rapid services to help maximize uptime, ensuring your facility runs at peak efficiency.

In the field
- Experienced crew of field technicians with the broad knowledge to get your site up and running, both at startup and for quick-response service visits by plane

Training
- Enhanced Automation Software Training led by expert instructors, either at Kahler Automation's headquarters or your facility

Phone support
- After-hours and emergencytechnical support 24/7/365

Knowledge Base
- Ever-growing database of hardware & software support articles, available on-demand

Video tutorials
- On-demand online access to service support videos encompassing a multitude of hardware & software topics

Keeping you current
- Subscribe to our free "Kahler Connection" newsletter, montly news & updates delivered directly to your inbox

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