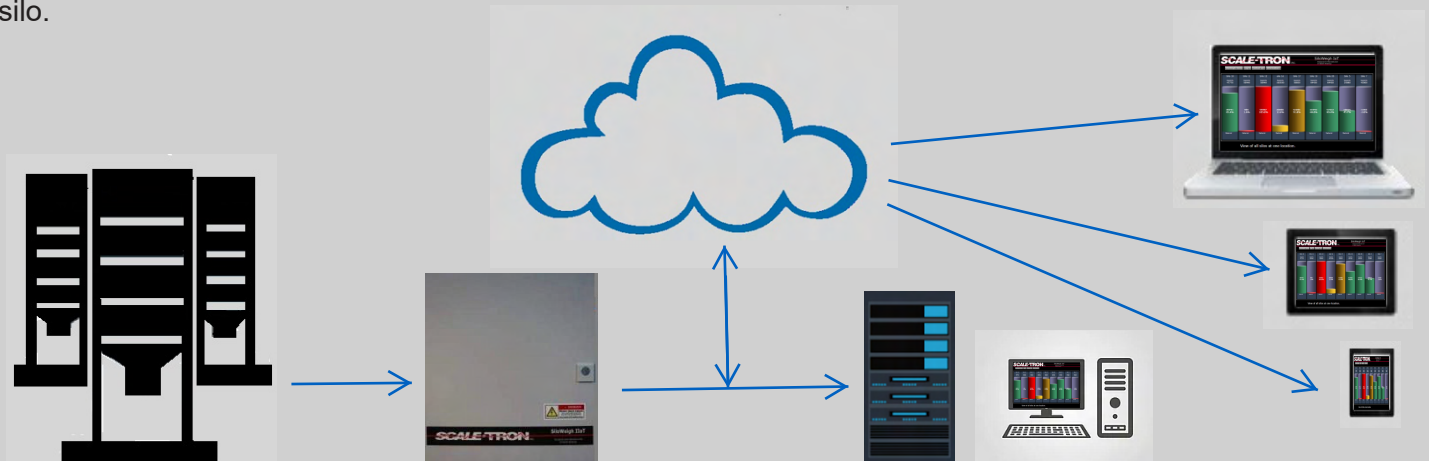


SILOWEIGH IIoT, YOUR SILO INVENTORY SYSTEM WITH CLOUD ACCESS



SiloWeigh IIoT's inventory management system provides inventory insights at your fingertips, allowing you to reconcile inventory quickly and efficiently keeping your business on the right track. Our user-friendly dashboard connects locally with optional no-charge remote access enabling on-site and remote workers to work via the cloud. Raw materials are an expensive commodity and so is the cost of running out of material or returning it because of discrepancies in your inventory, which negatively impacts profitability. This is where Scale-Tron's SiloWeigh IIoT can help, by proactively tracking your inventory to prevent such costs. Our systems can be found throughout the cement, powder, plastics and food industries, in virtually every type of silo.



THE NETWORK BASED INVENTORY AND MONITORING SYSTEM DESIGNED SPECIFICALLY FOR SILOS, TANKS AND OTHER VESSELS

SYSTEM FEATURES

- User friendly dashboard allows for easy and accurate inventory monitoring of multiple locations and silos.
- Improve visibility of inventory for your team; always know your inventory anytime, anywhere, giving you total visibility, consumption rates, and other operational information locally or on the go.
- Automated alerts keep you informed via 4 customizable visual alarms.
- Optimize your scheduling by allowing you to know how many truckloads of material will fit in your silo for better fleet management.
- All the applications are embedded in the system making setup and configuration a seamless process.
- Designed for use on up to 32 silos per location.
- Need assistance from our trained staff, no problem because all our systems come pre-loaded with remote desktop access software at no charge.
- Runs on a Linux platform, chosen for its security and stability.
- Our software provides a secure platform to view both real-time and historical trends.
- Uses advanced temperature correction filters to provide stable and accurate readings, whatever the weather.
- Eliminate the need for climbing silos to measure levels.
- Built tough to withstand the most rugged applications.
- No moving parts for longevity and reliability.
- Different types of sensor for different application.
- Unlike other systems on the market, SiloWeigh IIoT has no annual subscription fee for its encrypted Cloud database.
- Designed and manufactured in North America with parts available from stock.

SENSOR TYPES

L-Strain or Silex sensors measure the compression in the vessel's supports as it is loaded. Fully compensated and can be used on steel, stainless steel or aluminum to give a stable signal with typical accuracy of 2% of full scale for legged silos and 5% for skirted silos.

Load cells can be used as an option when higher accuracy is required.

WHY WEIGHT MEASUREMENT IS BETTER

Level measurements drop due to compaction, however weight based inventory measurement provides a consistent reading of what is actually in the vessel, regardless of material build up or distribution.

Vessel conditions, like rat holes, cascading or bridging, do not affect the measurement.

Unlike level measurement, our sensors have no contact with the material as they are bolted to the vessel's legs or skirt.

OPTIONS

- Local panel mount display screens are available if a network connection is not an option. Different sizes of screens are available depending on your needs.
- Add our 4-20mA analog adapter board to incorporate your existing level sensors.
- Analog and digital outputs are available when you want to connect existing alarms or transmit the weights to an existing PLC.
- Use tank mount load cells for higher accuracy.

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