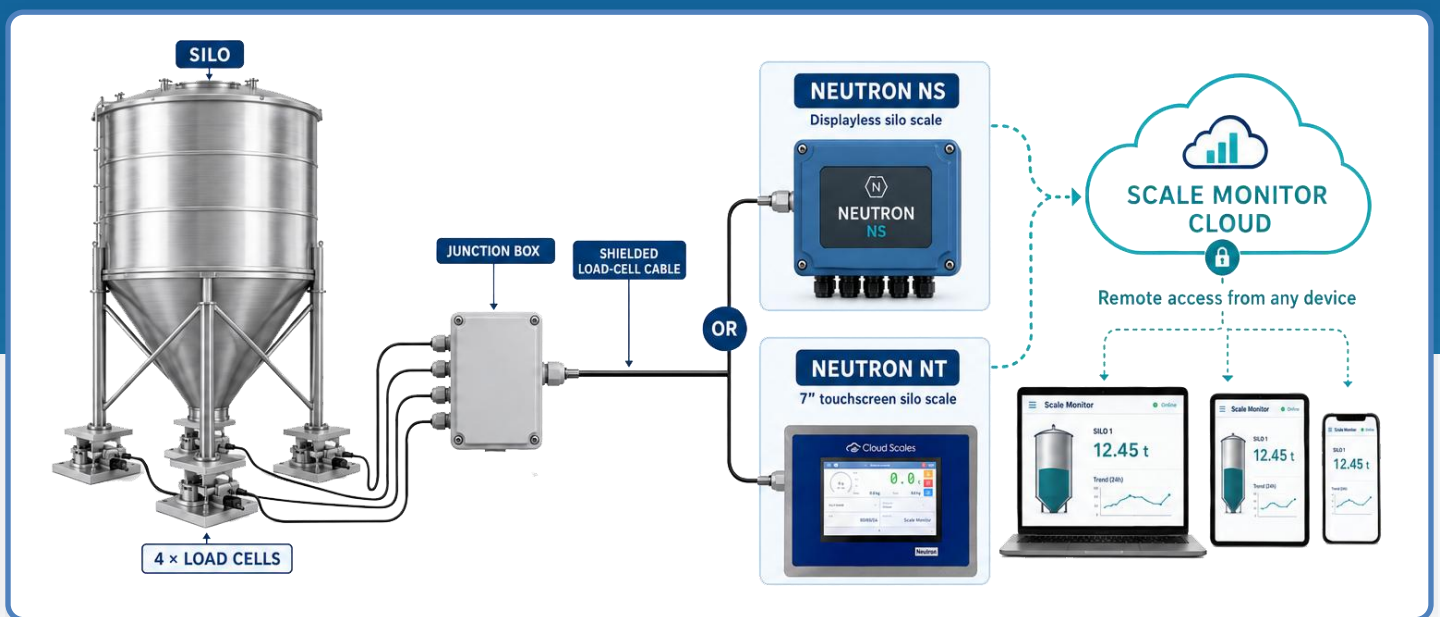


Silo Monitor – monitor every silo from anywhere.

Silo Monitor is a complete silo weighing solution combining Neutron scale with Scale Monitor cloud dashboards, history, alarms, IO automation and remote monitoring — while keeping local PLC and software integration available.



With SiloMonitor, you can:

- Prevent unexpected material shortages and silo overfilling.
- Monitor consumption, filling events and inventory trends over time.
- Receive configurable low- and high-level alarms with adjustable hysteresis.



REMOTE MONITORING

View live mass, history and status from any device.



ALARMS & AUTOMATION

Notifications and process control through 6 inputs and 6 outputs.



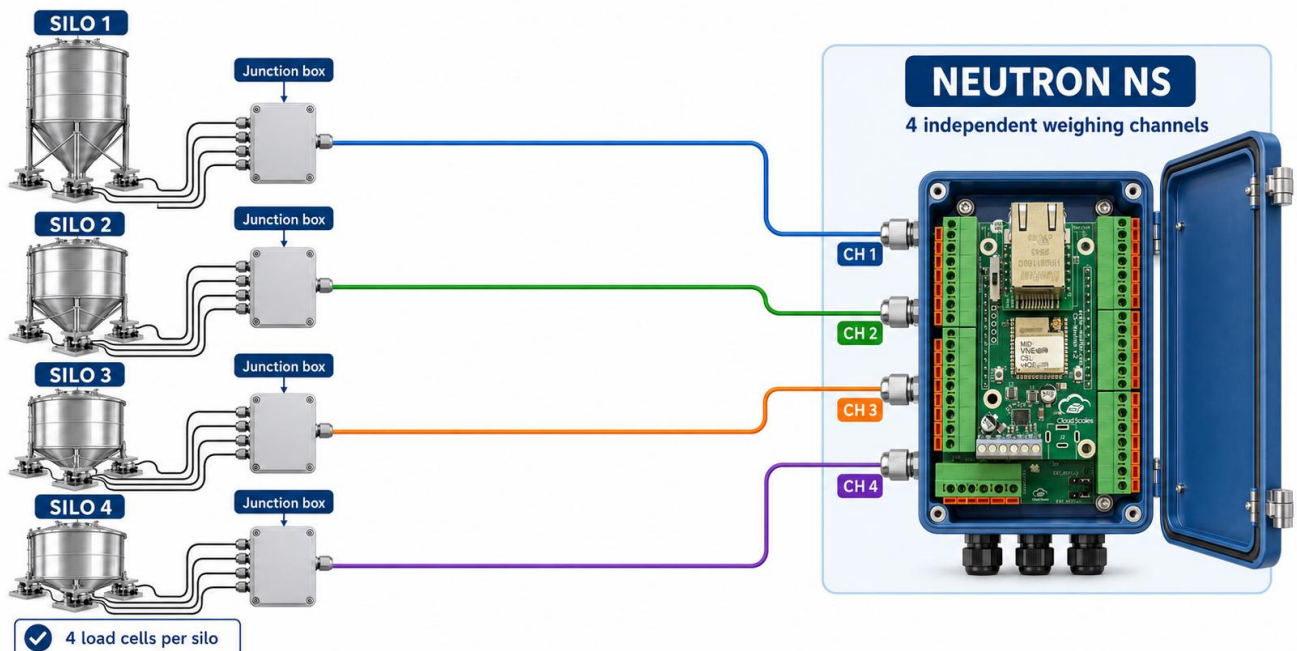
VIRTUAL ASSISTANCE

Remote service support with optional local intervention.

FROM LOAD CELLS TO DECISION

Use Neutron with new load cells or upgrade your existing silo weighing system.

Silo Monitor brings measurement, local automation and remote visibility together in one solution designed specifically for silos, tanks, bins and bulk-material storage



One Neutron scale. Up to four independent silos.

1 WEIGH

Load cells measure the silo mass through Neutron scale electronics.

2 INTEGRATE

PLC, HMI, SCADA or a local application reads values and controls the process.

3 MONITOR

Scale Monitor records, visualizes and evaluates silo inventory remotely.

NEW LOAD CELLS OR YOUR EXISTING INSTALLATION.

Use Neutron for new silo project or upgrade electronics while retaining your existing load cells.

TWO NEUTRON FORMATS

The same silo weighing concept — with or without a local display.

Choose the hardware format that fits the installation. Both versions connect load cells, support local integration and provide data to Scale Monitor.



NEUTRON NS

Displayless silo scale

- Compact installation inside a control cabinet or enclosure
- Direct connection of analog load cells
- Suitable where operators use PLC, HMI, PC or cloud dashboard
- Up to four weighing channels
- 6 digital inputs and 6 digital outputs
- Ideal for OEM and multi-silo installations



NEUTRON NT

Silo scale with 7" touchscreen

- Local live weight and operator interface
- Stainless-steel industrial housing
- Touchscreen access to weighing functions and status
- Local operation remains available independently
- The same PLC, Modbus and Scale Monitor connectivity
- Suitable where an on-site display is required

* Neutron NT includes all Neutron NS features.

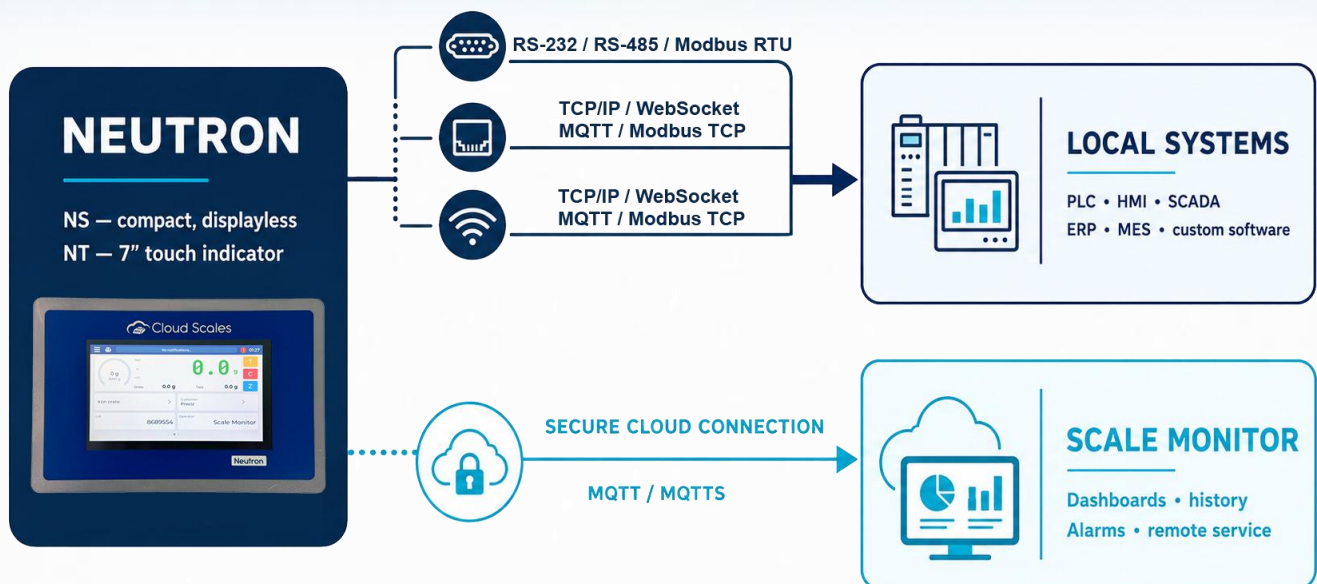
Neutron is the scale. Scale Monitor is the cloud monitoring and management layer.

Together they form Silo Monitor – all in one solution for silo monitoring.

LOCAL CONTROL AND CLOUD MONITORING — SIMULTANEOUSLY

Connect Neutron scale to your local PLC and Scale Monitor at the same time.

Silo Monitor is not a cloud-only solution. Neutron scale continues to provide local weighing data and commands to the systems that operate filling, discharge, conveying or safety logic. This means that you can connect Neutron to PLC which does not support remote management and still use Scale Monitor to remotely monitor and manage your local operations.



One weighing system. Multiple integration paths. All can operate simultaneously.

MODBUS RTU RS-232 or RS-485 communication with PLC, HMI or industrial controllers.	MODBUS TCP Ethernet or Wi-Fi communication with PLC, SCADA and automation networks.
LOCAL APPLICATIONS TCP/IP, WebSocket and serial interfaces for custom applications and terminals.	PARALLEL OPERATION Serial, Modbus TCP, MQTT and other selected interfaces can operate simultaneously.

The PLC or program controls the process locally.

Scale Monitor provides visibility, history and remote management.

INVENTORY DASHBOARDS BUILT FOR SILOS

Current mass, history and status in one browser view.

Scale Monitor transforms weighing data into a clear inventory overview for operators, purchasing, production planning and management.



CURRENT MASS Live silo mass and operating status.	TIME HISTORY Trend graph for selected periods.	MULTI-SILO VIEW Monitor several silos in one dashboard.
CONSUMPTION See material usage and refill events.	CONFIGURABLE SAMPLING Record automatically, e.g. every hour.	AUTHORIZED ACCESS PC, tablet or phone through a browser.

AUTOMATIC INVENTORY HISTORY

Set the interval. Scale Monitor records the rest.

Each silo can be sampled at a configurable time interval — for example every 1 hour. Stored values create a reliable history of consumption, filling and unusual changes.



EXAMPLE WORKFLOW

- Neutron continuously measures the silo load cells.
- Scale Monitor saves the mass automatically at the selected interval.
- The graph shows inventory movement over hours, days or months.
- Refill and discharge events become visible immediately.
- Historical values support planning, reconciliation and service analysis.

Useful for every role

OPERATIONS

Confirm the current level without visiting the silo.

PURCHASING

Plan replenishment using actual consumption history.

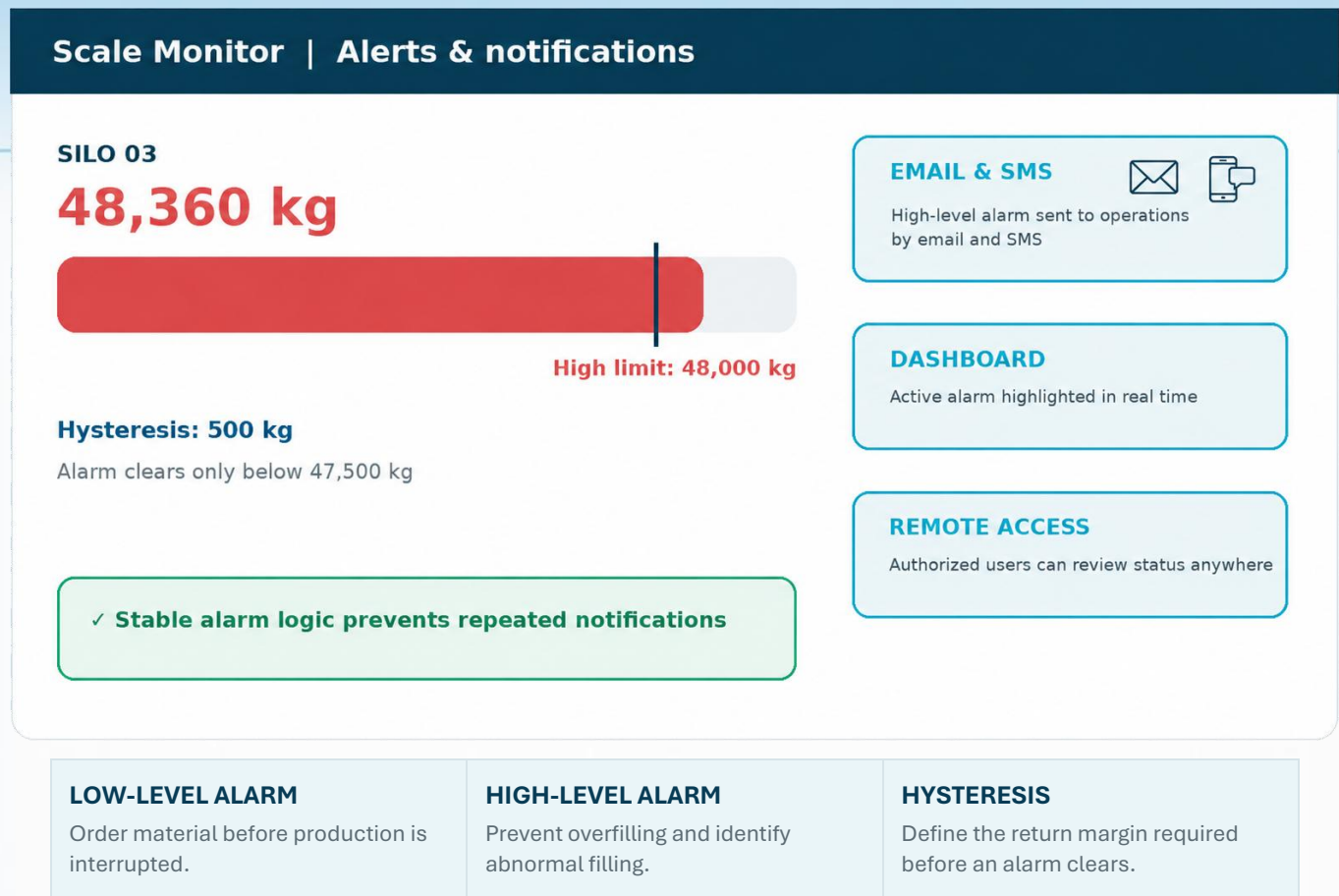
SERVICE

Review trends, diagnostics and scale status remotely.

ALARMS THAT REMAIN STABLE AND ACTIONABLE

Low level, high level and configurable hysteresis.

Scale Monitor evaluates stored or live mass values against configurable limits and notifies responsible users when attention is required.



Your silos. One clear overview.

Measure locally with Neutron scale. Integrate with your PLC and applications.
Monitor inventory, history and alarms remotely through Scale Monitor Cloud.

All silos. One clear overview.

Live mass and status from every connected silo



Scale Monitor



LET'S CONNECT YOUR SILOS

Our local partner

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