SCALEIT
by METRICODE

PATENTED

ScaleIT, a new perspective 5.0 for the world of weighing: remote calibration and remote sealing in a hybrid solution.
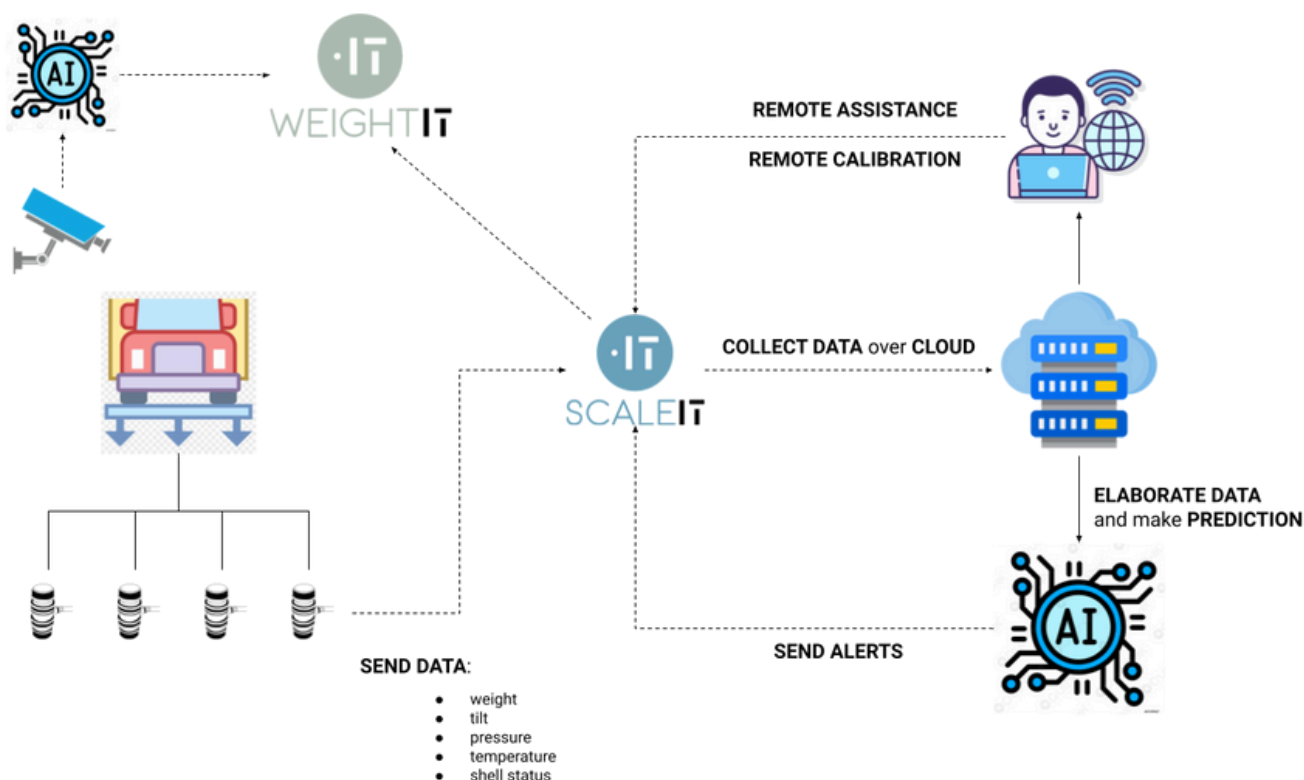
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ScaleIT ©

Innovative IOT weighing device

REMOTE ASSISTANCE
REMOTE CALIBRATION

COLLECT DATA over CLOUD

ELABORATE DATA and make PREDICTION

SEND ALERTS

SEND DATA:
- weight
- tilt
- pressure
- temperature
- shell status

ScaleIT is a weight indicator (NAWI) capable of enabling remote calibration activities (hybrid solution) and remote sealing. ScaleIT allows you to provide remote assistance and through artificial intelligence algorithms, it is also able to predict a possible breakdown of the weighing system. ScaleIT works on a local network and is connected to one or more digital load cells. The operator is able to interact with the software via any web browser from any devices connected to the same network.
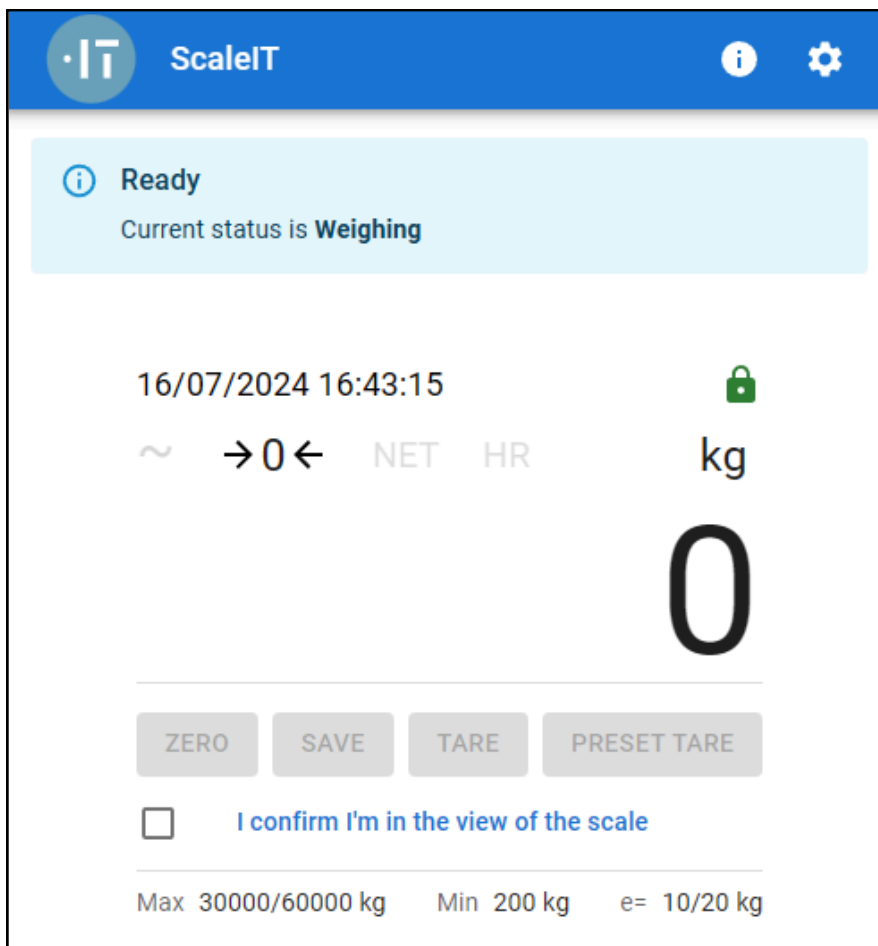
INSTALLED ON A ETHERNET NETWORK
The ScaleIT indicator is installed on a network device that is connected to an ethernet network and one or more digital load cells. The operator will be able to use and interact with the software via a web browser over HTTPS. In the following image we show the graphical interface of the software.
ScaleIT is designed to exchange data with high-level software, capable of managing business processes.
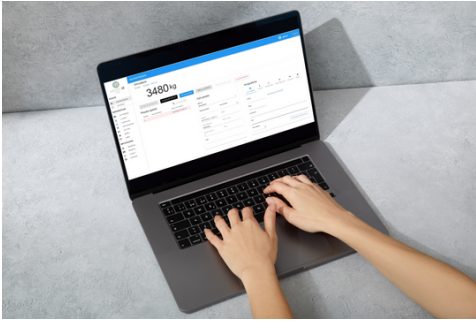
To manage a weighbridge, **ScaleIT** communicates with our **WeightIT** software or other third-party applications.

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ScaleIT main page, opened via a browser.

- **Calibration (Weighing ranges and zero)**. During balance calibration, the weighing ranges, calibration points and gravity values are defined. The calibration process can be managed by a remote operator.
- **Seal history and management.** Through a dedicated web page it is possible to manage the digital sealing of the indicator. The page allows the generation of a seal request necessary to apply or remove the digital seal of the indicator. Before you can apply or remove a seal you must be authorised in the ScaleIT Support Portal. The load cell sealing process can be managed by a remote operator.
- **Load cells management (identification and equalisation)**. ScaleIT identifies each load cell by its serial number and assigns it an address. Subsequently it is possible to carry out various operations including: equalizing the cells and setting the zero point. The operator can manage these operations remotely.
- **Remote activities.** ScaleIT, correctly connected to an internet network, allows you to carry out the Initial Verification remotely (hybrid solution).

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WeightIT

WeightIT fully automates vehicle weighing.
No more receipts or manual transcription.
Inbound and outbound weighing can become fully automated and without the need for an on-site operator.

WeightIT-Touch

Software for in/out weighing management via "touch" screen.

WeightIT-Self

Software for 'self-service' totem management.

WeightIT-PMV

Variable message panel management software (e.g. entry number plate call, messages to drivers, etc.).

WeightIT-VGM

Fast and efficient weighing management of trucks with containers, for VGM printing.

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WeightIT-AUTO

It allows the management and automation of vehicle entry and exit via barriers, control PLCs, traffic lights and/or number plate reading cameras.
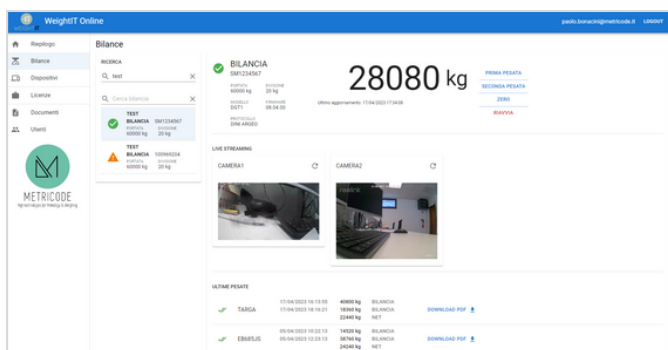

WeightIT-OCR

Number plate reading and vehicle identification camera software.

WeightIT-TAG

Management of an RFID system for the automatic reading of a transponder (tag) to be combined with an RFID reader with antenna.

WeightIT Online PLUS

Remote weighing (mandatory cameras for video streaming and metrological compliance)

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Customisation according to customer specifications

- Possibility of **receiving e-mail notifications** about system malfunctions.
- **Monitor** for viewing incoming/outgoing vehicles
- Printing of Bills of Lading directly from the weighbridge totem without the driver having to go to the office
- RFID badge that can be associated with the vehicle and/or other fields in the archives in use
- Personalised barcode or qrcode reading
- Integration with WMS or other software for sending and receiving data (WeightIT-Export)

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