

Presentation

Everyday benefits

Integration

Product sheets

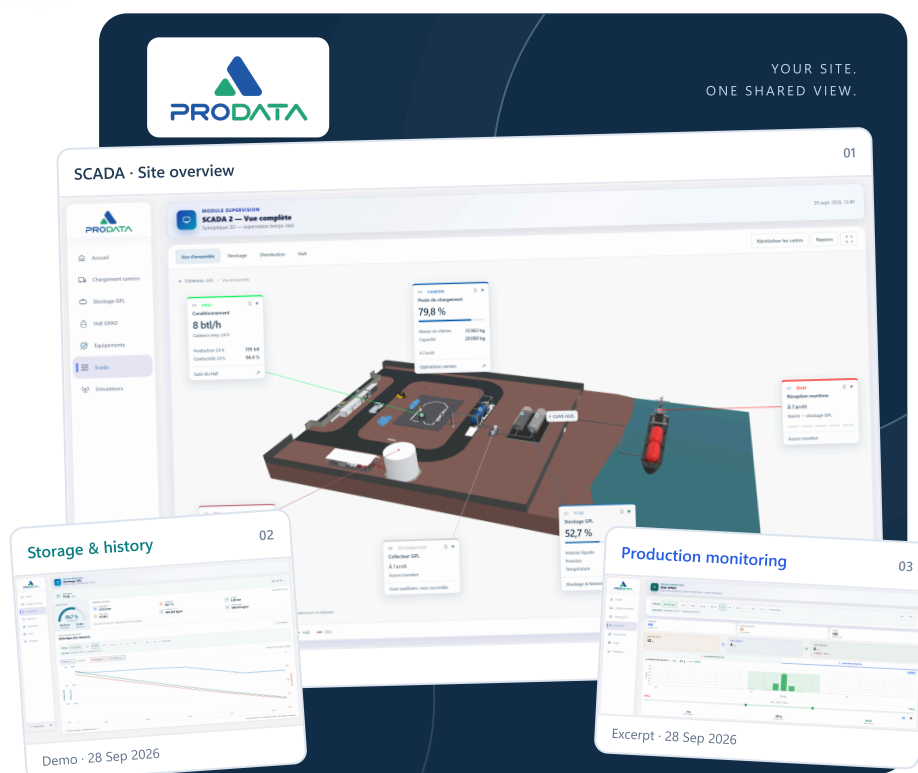
PC-BASED SUPERVISION & OPERATIONS MONITORING

See your site. Track its activity.

Prodata is PC-based software that brings together your site overview, equipment data and operations monitoring.

Find the information you need, understand what is happening and make communication easier.

What it brings you ↓



Supervision · Storage · Production

Three product views · Demonstration

Presentation

Product sheets

Page +

Sheet +

The right information. At the right time.



01

LIVE MONITORING

See what is happening.

Levels, quantities and production rates: available data brought together around your equipment.

- Measurements by equipment
- Site-wide overview

Spot changes.



02

HISTORY & ANALYSIS

Understand trends.

Review measurements and results over a period to put a situation into context.

- Changes over time
- Results by period

Prepare your operations reviews.

[Explore integration options](#) ↓



03

OPERATIONS & TEAMS

Keep track.

Loading and maintenance: everyday information available in dedicated views.

- Loading schedule
- Maintenance tracking

Work from the same information.

DESIGNED AROUND YOUR INSTALLATION

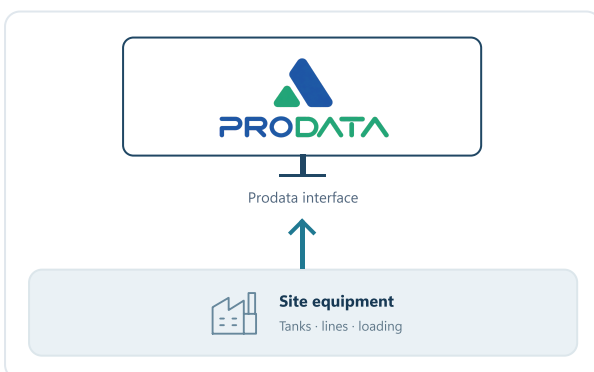
Your site. Two ways to integrate Prodata.

PC-based monitoring, on its own or alongside your existing supervision.

01 YOUR MONITORING INTERFACE

Standalone.

Access site information in Prodata, independently of WinCC.

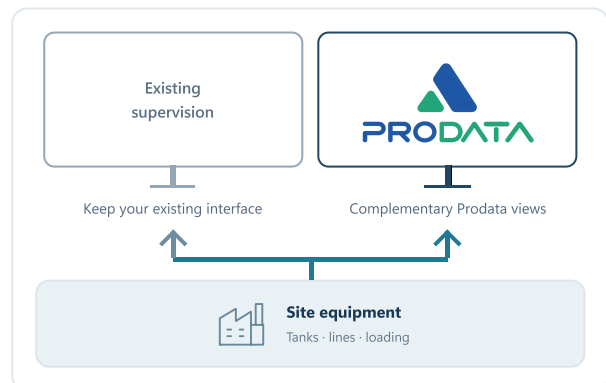


One place to monitor your site.

02 AN ADDITIONAL VIEW

Alongside your existing supervision.

Your existing supervision stays in operation. Use Prodata alongside it, on the same screen or on a dedicated display, depending on your installation.



Two complementary interfaces, on the same screen or on separate displays.

Connect directly to compatible equipment or through a PLC, depending on your installation.

[Explore the module sheets](#) ↓

Module sheets

Choose the module you want to explore.

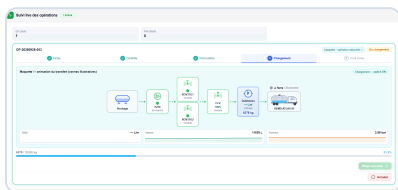
01 MODULE

Truck loading

Follow each shipment from preparation to its final receipt, with operations and weighings brought together in one view.

- Operation planning
- Loading progress
- Weighings and final receipt

[Explore the module](#) →



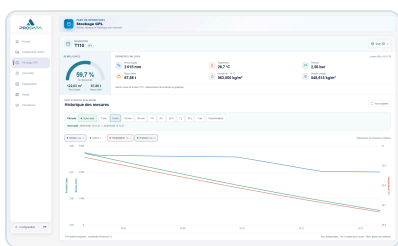
02 MODULE

Storage

See the condition of your stocks and how they change to understand filling, withdrawals and changes in product properties.

- Level, volume and mass
- Pressure and temperature
- History and comparative charts

[Explore the module](#) →



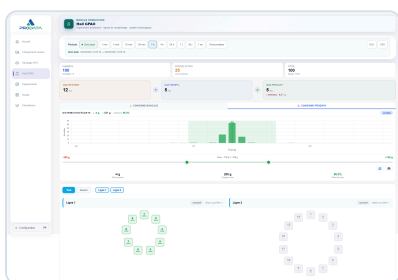
03 MODULE

Production • CAPM

Monitor cylinder filling and move from a hall-wide summary to the detail of a production line or filling scale.

- Quantities and throughput
- Weight deviation monitoring
- Results by line and station

[Explore the module](#) →



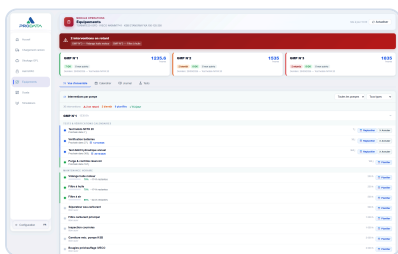
04 MODULE

Maintenance & fire pump tests

Organise fire-pump monitoring, from upcoming due dates to completed maintenance work and test reports.

- Planning and calendar
- Maintenance log
- Test sessions and reports

[Explore the module](#) →



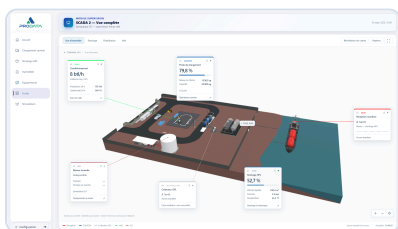
05 MODULE

SCADA • Site overview

Locate equipment, measurements and transfers in an overall view of the site, then open the relevant operational module.

- Process overview and 3D views
- Status, measurements and transfers
- Access to operational modules

[Explore the module](#) →



A shared view. Simpler monitoring.

A scope defined around your site, your equipment and your teams' needs.



Salta Energy

PC-based supervision & operations monitoring

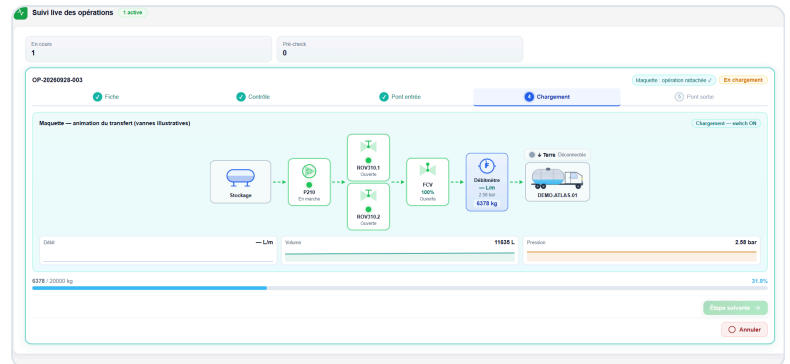
SHEET 01

SHIPMENT TRACKING

Truck loading

Keep track of every shipment.

Truck loading covers a shipment from preparation to its final receipt. It combines operations, driver and tanker records, measurement analysis and a fleet view.



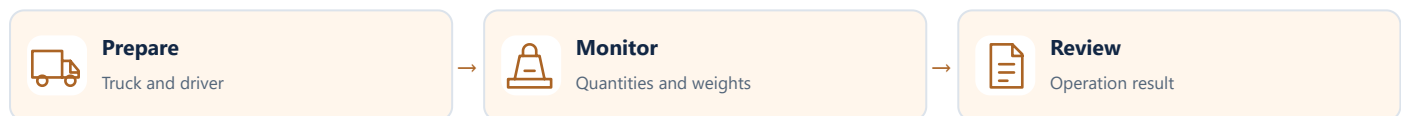
Operation in progress

Loading-bay workflow, transfer and loading progress.

Excerpt

HOW IT WORKS

Simplified illustration



WHAT YOU CAN DO

- 01 **Prepare and find an operation**
Link the driver, truck and requested quantity; find operations in the schedule and history with their status.
- 02 **Follow the loading-bay workflow**
Read entry stages, checks, transfer progress and exit weighing before closing the operation.
- 03 **Manage drivers**
View contact details, companies and assignments, add or edit a record and export the list as CSV.
- 04 **Manage road tankers**
Find registration plates, capacities, tare weights and tanker details, then reuse them when preparing a loading operation.
- 05 **Analyse measurement differences**
Compare weighbridge and flowmeter quantities, filter by period, driver or truck, and identify operations outside tolerance.
- 06 **Browse the fleet**
Browse sites and truck records in a map view. Position tracking requires integration with a geolocation service.
- 07 **Close and retain results**
Find final quantities and the receipt in loading history; export operations as CSV or XLSX. The receipt uses weighbridge measurements; metrology keeps the comparison separate.

IN PRACTICE

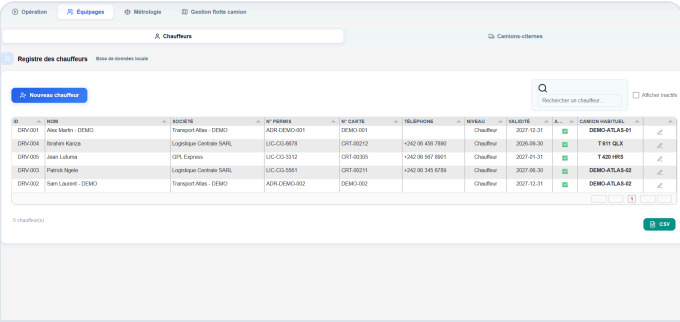
Revisit a previous shipment to review its weights and delivered quantity, and understand a discrepancy.

THE BENEFIT

Less searching across different records and a shared view of loading operations.

Inside the module

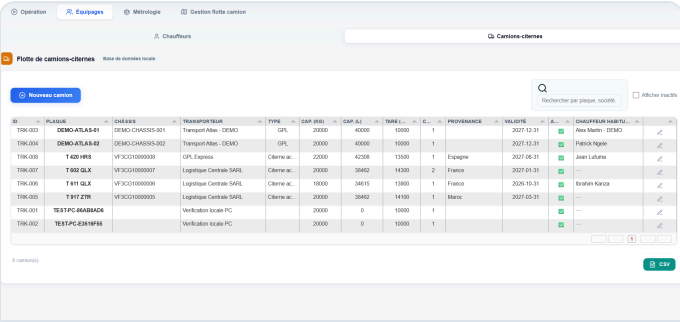
Use the PDF reader zoom to enlarge the visuals.



Crews · Drivers

People and their assignments are managed in a dedicated tab.

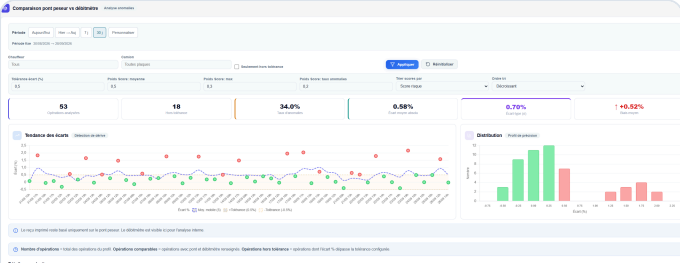
Excerpt



Crews · Road tankers

Vehicle characteristics are retained in the truck register.

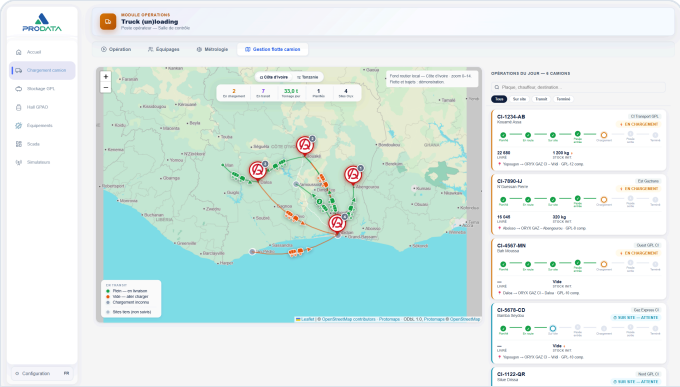
Excerpt



Metrology

Filters, indicators, deviation trends and distribution complement per-operation detail and profile scores.

Excerpt



Fleet management

Map view of sites with access to truck information.

Excerpt

Loading receipt

An output linked to the operation and its weighings, available from truck history.

Excerpt

Good to know

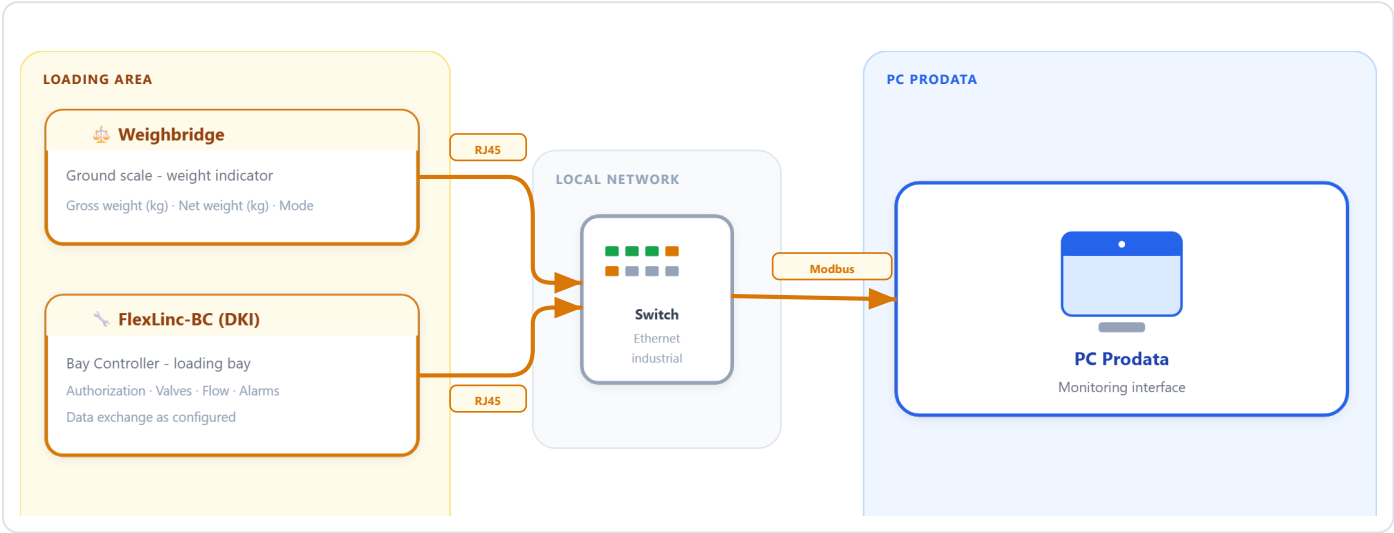
Weighing and metering equipment and geolocation services are agreed with the site during integration.

For your site Operation data, loading measurements and the selected weighing source.

Loading · Equipment connection

Bring weighing and loading-bay monitoring into one operation.

- 01
Weighbridge and bay controller
- 02
Ethernet switch and compatible interfaces
- 03
Prodata PC: operations monitoring



Example equipment connection to the Prodata PC. [Open full size](#)

Data used by the module	Weights, loaded quantities, operation status and loading-bay information.
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Protocols, variables and access rights are defined for the selected equipment.

STOCK MONITORING

Storage

See your stock. Plan your movements.

Storage brings together a tank's current condition and measurement history. The gauge shows the present situation; the chart lets you examine filling, withdrawals and changes over a selected period.



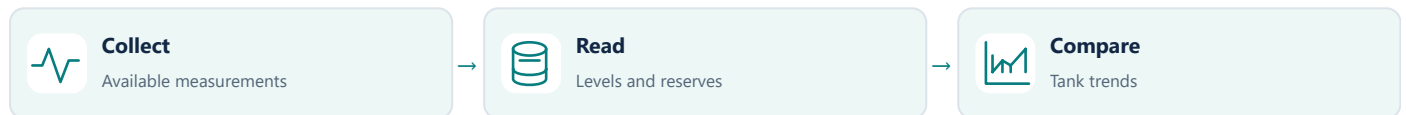
Tank condition

Gauge, stocks and latest measurements: a summary of the present situation.

Excerpt

HOW IT WORKS

Simplified illustration



WHAT YOU CAN DO

- 01 **Read available stocks**
View filling percentage, liquid level, volume and mass without combining information from separate screens.
- 02 **Monitor product properties**
Find temperature, pressure, reference density and corrected density, together with the timestamps of the latest measurements.
- 03 **Choose an analysis period**
Switch from recent minutes to longer periods or specify exact dates. Automatic tracking follows a moving time window.
- 04 **Compare measurements**
Show or hide level, mass, temperature and pressure. Independent axes preserve each measurement's units.
- 05 **Examine a movement**
Zoom and pan to inspect filling, withdrawal or a gradual change; use the full view for more space.
- 06 **Locate the tank within the site**
Open the 3D view to see the tank and its connections to other areas.

IN PRACTICE

Before a delivery, check a tank's level and its recent measurement trends.

THE BENEFIT

Clearer stock information to coordinate operations and logistics.

Inside the module

Use the PDF reader zoom to enlarge the visuals.



History and measurement comparison

Period selection, measurement controls and separate axes for comparing trends.

Excerpt

Good to know

Indicators show the latest available measurements. The selected period applies to the history chart.

For your site

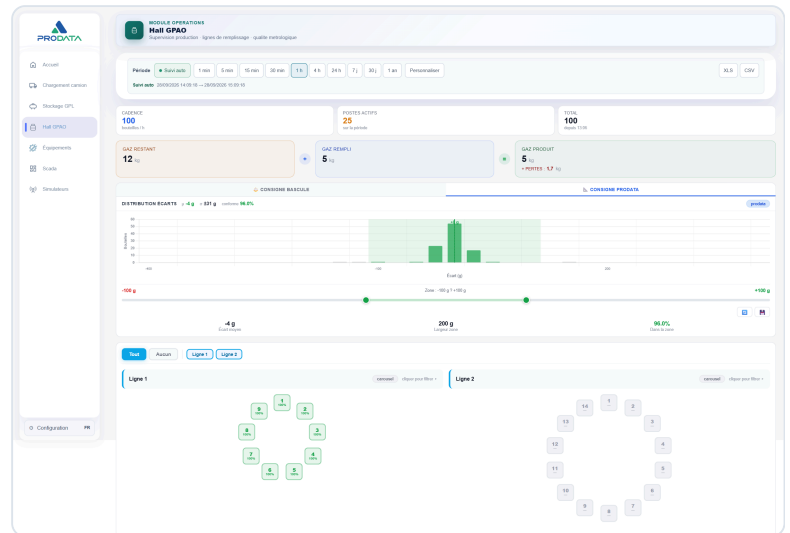
Tank measurements, units and characteristics: conversion rules agreed for the site.

ACTIVITY MONITORING

Production · CAPM

Understand activity. Spot changes.

The CAPM module monitors cylinder filling: quantities, throughput, weight deviations and station results. Move from a period summary to a specific line or filling scale.



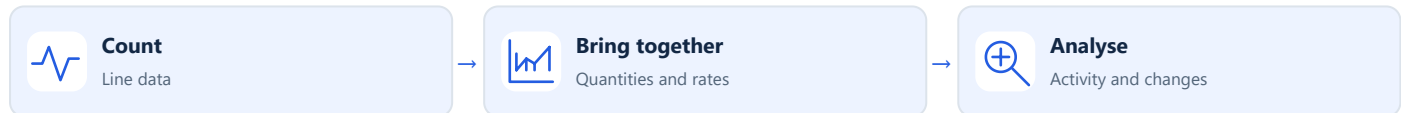
Summary and station selection

Hall indicators, weight distribution and selection of lines and filling scales.

Excerpt

HOW IT WORKS

Simplified illustration



WHAT YOU CAN DO

- 01 **Read the period summary**
View throughput, cylinder count, active stations and the gas balance for the selected period.
- 02 **Select lines and stations**
Use carousel views and filters to isolate a line, several stations or the whole Hall.
- 03 **Compare filling deviations**
Read the histogram, mean deviation, spread and proportion of measurements within the selected band.
- 04 **Choose the comparison basis**
Switch between Scale setpoint and Prodata setpoint. The latter lets you adjust the analysis-band limits.
- 05 **Find recent cylinders**
Read time, station, status, net weight and deviation for each displayed record.
- 06 **Compare scales and operating rates**
Examine status distribution, production per scale and the throughput timeline to locate slowdowns and active periods.
- 07 **Share production data**
Choose a date range, use automatic tracking and export data as XLS or CSV.

IN PRACTICE

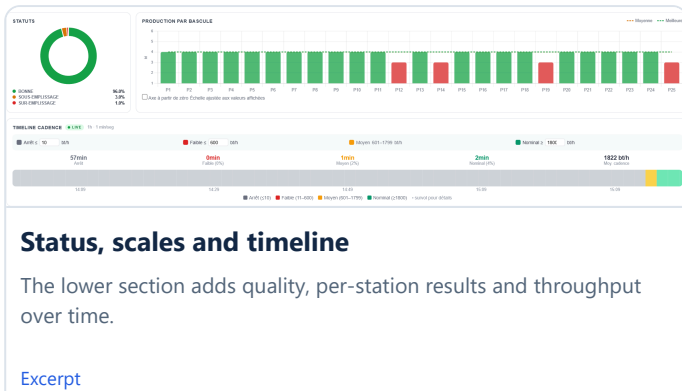
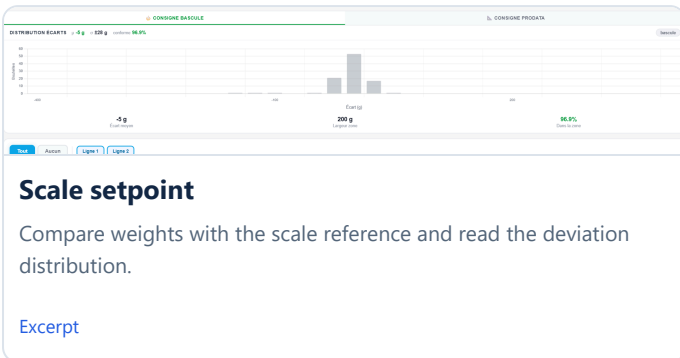
When a production rate changes, check the relevant line and review the available indicators.

THE BENEFIT

Concrete information to prepare production reviews and share observations.

Inside the module

Use the PDF reader zoom to enlarge the visuals.



Good to know

The Prodata setpoint defines the limits used to analyse weight deviations. It does not change the machine setpoint.

For your site

Line counters, statuses and measurements; shared definitions of indicators.

Production · Filling hall connection

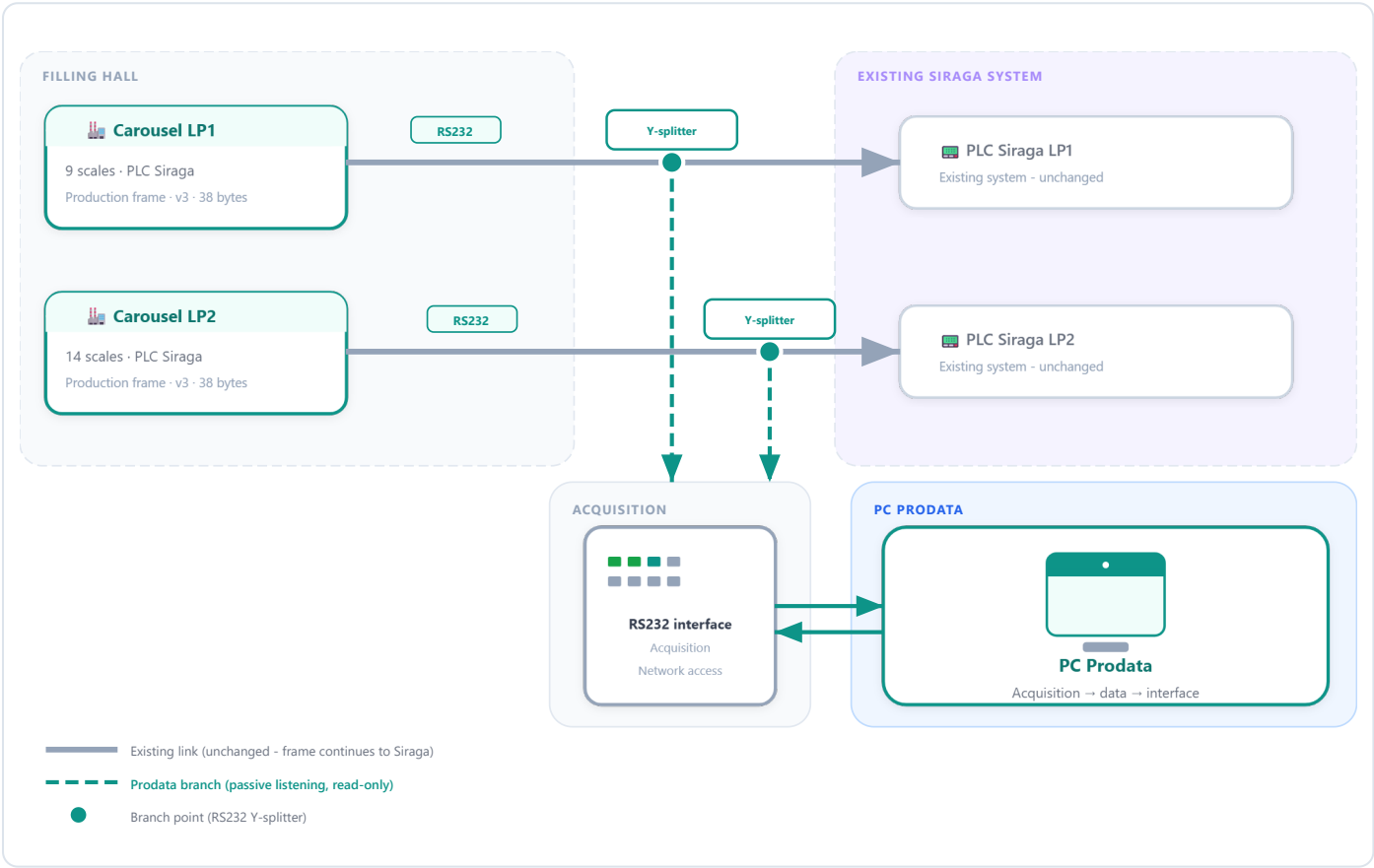
Collect production data alongside existing monitoring.

- 01

Filling lines and existing serial connection
- 02

RS232 branch and suitable acquisition interface
- 03

Local network, then Prodata PC



Example equipment connection to the Prodata PC. [Open full size](#)

Data used by the module

Counts, weights, filling deviations and line status.

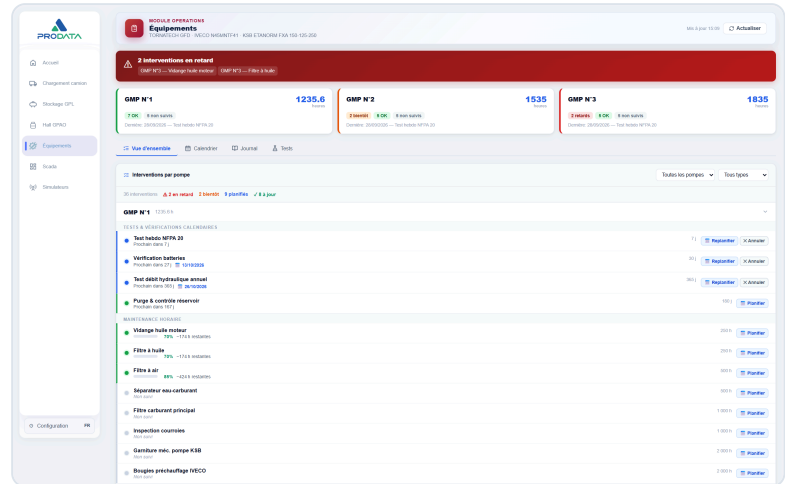
The branching arrangement and acquisition interface are adapted to the lines and checked on site.

FIRE PROTECTION

Maintenance & fire pump tests

Structure tests. Keep the results.

DCI organises monitoring of fire-pump sets: due dates, completed interventions, test sessions and reports. Its four tabs link preparation to retention of results.



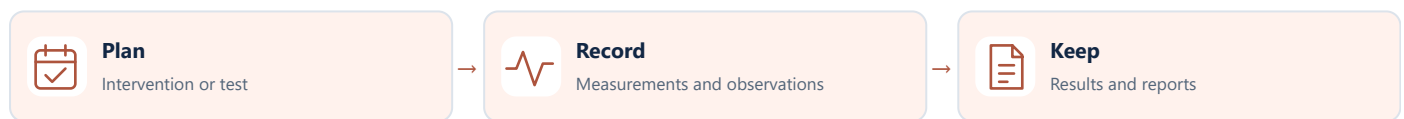
Overview

Priorities and interventions per fire-pump set, with their tracking status.

Excerpt

HOW IT WORKS

Simplified illustration



WHAT YOU CAN DO

01 See each pump's priorities

The overview combines operating hours, overdue, planned or current interventions and items not being tracked.

03 Read the calendar

Locate interventions within the month to prepare visits and find appointments.

05 Follow a test session

Open a test, follow elapsed time and available measurements, save snapshots and record closure details.

02 Prepare interventions

Schedule or reschedule proposed actions for each pump, with calendar-based or operating-hour due dates.

04 Consult the journal

Filter history by pump, action type or month; find technician, details and hour-meter values, then export the journal as CSV.

06 Review and compare reports

Open a test report, inspect curves and readings, compare earlier tests and print or save as PDF.

IN PRACTICE

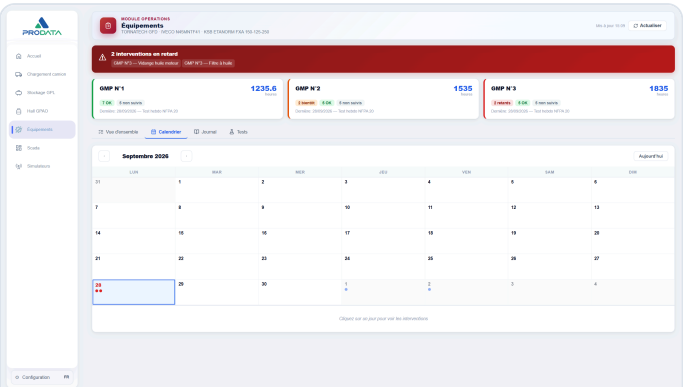
Prepare a pump test, record the results and retrieve the report for a later review.

THE BENEFIT

Better continuity of information between the people involved.

Inside the module

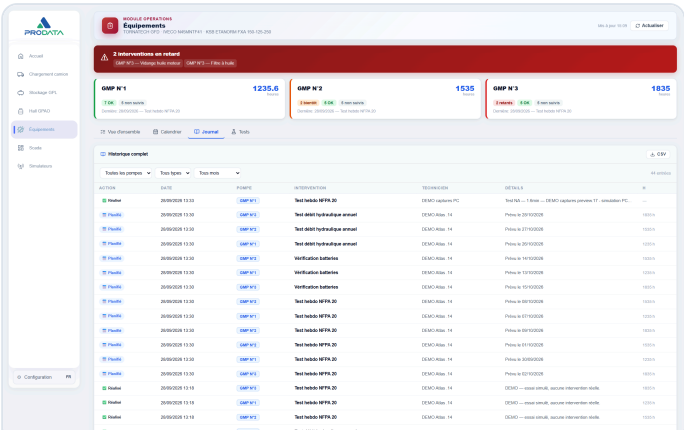
Use the PDF reader zoom to enlarge the visuals.



Calendar

Appointments and due dates can be viewed month by month.

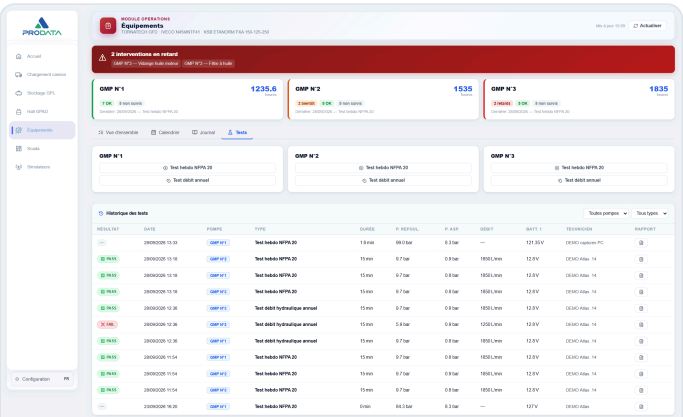
Full screenshot



Journal

Completed and planned actions are retained with their context and filters.

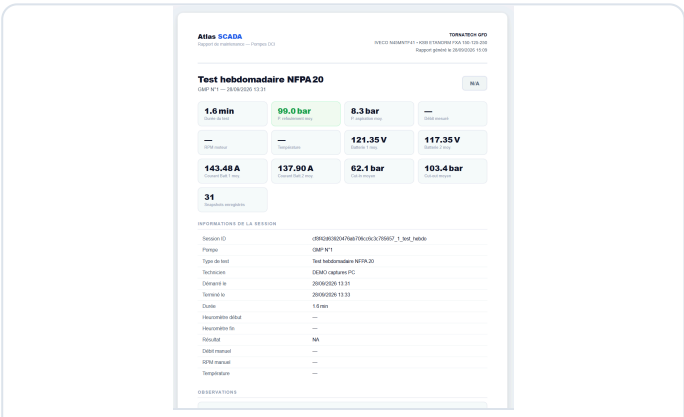
Excerpt



Tests

Find sessions and open the report associated with each test.

Full screenshot



Test report

Summary, session details and observations. The full image includes curves, readings and comparisons.

Excerpt

Good to know

Reports provide traceability for tests. Validation remains the responsibility of authorised personnel under site procedures.

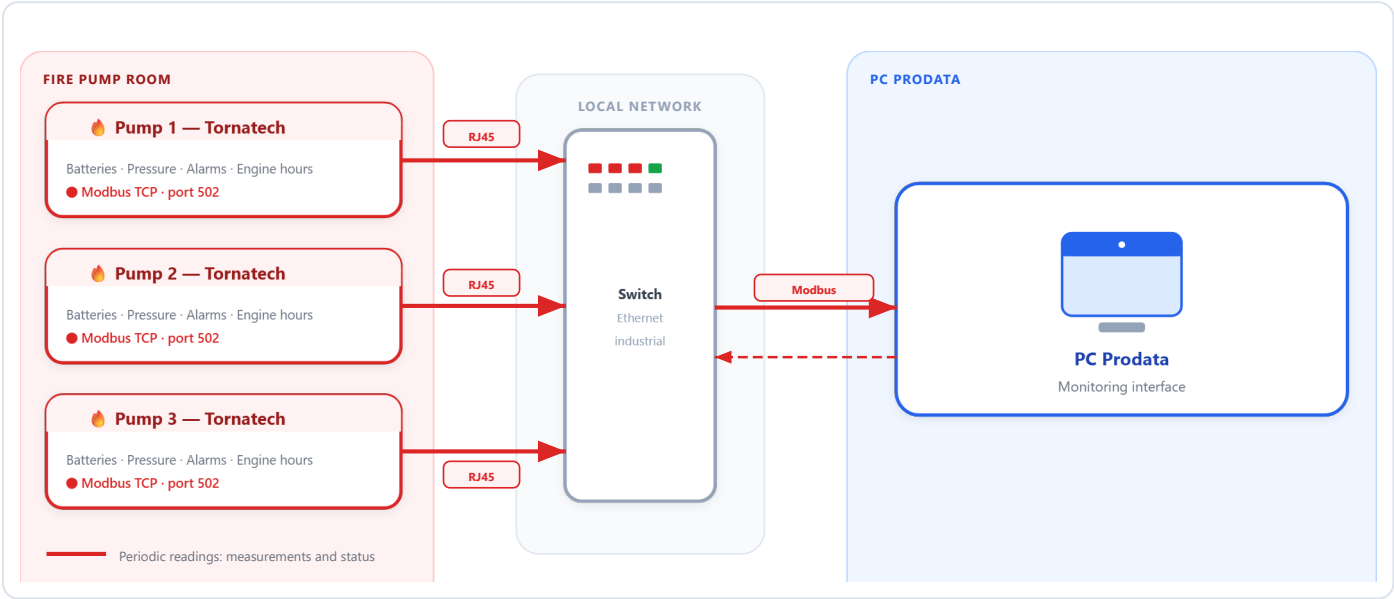
For your site

Identified equipment, available measurements and the site's test procedure. Monitoring does not replace that procedure or safety functions.

Maintenance / fire protection · Pump connection

Centralise the information needed to monitor fire pumps.

01	02	03
Fire pump controllers	Technical room Ethernet network	Prodata PC: monitoring, tests and history



Example equipment connection to the Prodata PC. [Open full size ↗](#)

Data used by the module	Batteries, pressure, alarms, statuses and running hours.
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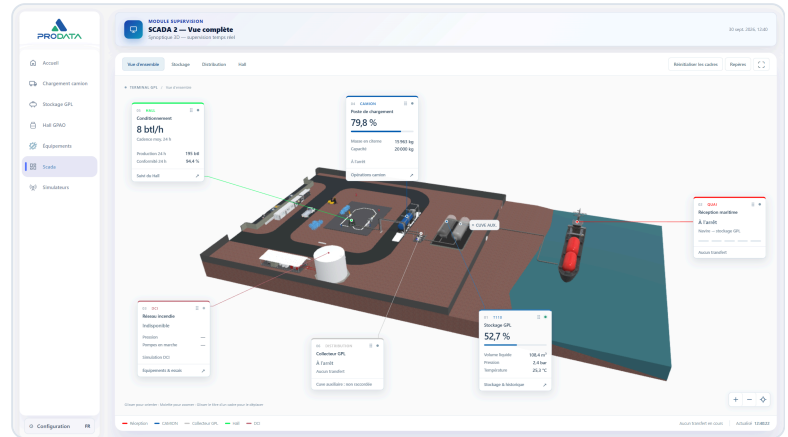
Safety functions remain with the installation. Any control function requires specific validation.

2D / 3D SUPERVISION

SCADA · Site overview

Monitor the installation at a glance.

The SCADA is the site's supervision view: it brings equipment, measurements and transfers together in a process overview. Understand the overall situation, then open the relevant operational module.



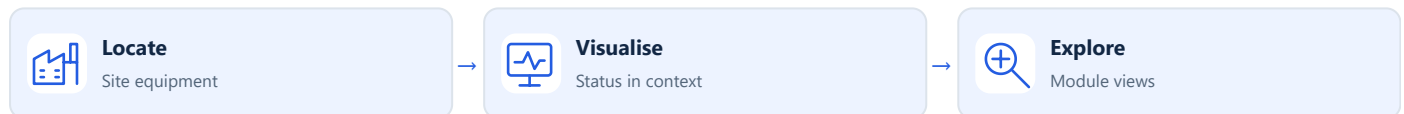
SCADA · Complete view

Site areas and their measurement cards, brought together in the 3D model.

[Full screenshot](#)

HOW IT WORKS

Simplified illustration



WHAT YOU CAN DO

- 01 Locate the site areas**
Identify LPG storage, the marine berth, the truck loading bay, the production hall and fire-protection equipment.
- 02 Read equipment measurements**
View tank level, volume, temperature and pressure, loading progress, Hall indicators and fire-pump status.
- 03 Understand transfers**
Follow connections and activity animations between vessel, storage, truck and Hall, according to the available status data.
- 04 Separate present status from summaries**
View operating status, average Hall throughput and production over 24 hours.
- 05 Navigate the model**
Rotate and zoom the 3D scene; use the Overview, Storage, Distribution and Hall viewpoints in the complete SCADA.
- 06 Move from overview to detail**
Open Storage, truck operations, Hall or DCI equipment from the cards in the complete view.

IN PRACTICE

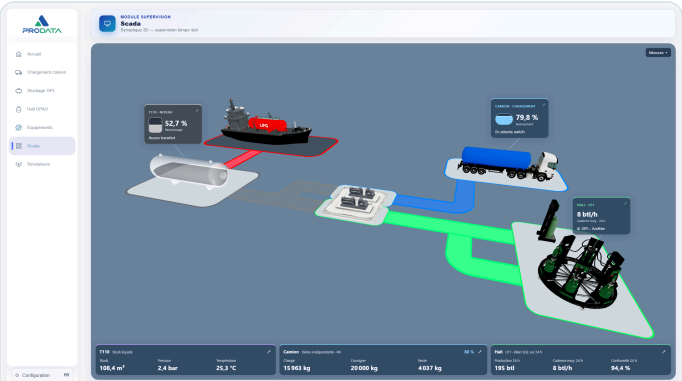
At the start of a shift, check the overview, locate a tank and open its storage monitoring page.

THE BENEFIT

A shared view of the site to help operations and technical teams communicate.

Inside the module

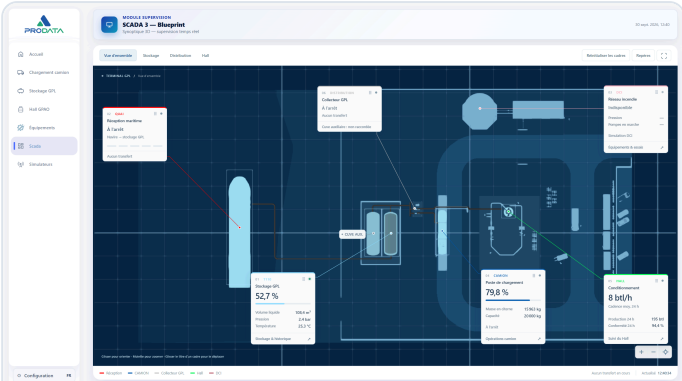
Use the PDF reader zoom to enlarge the visuals.



SCADA · Compact supervision

A condensed view of storage, truck and transfer activity for overall monitoring.

[Full screenshot](#)



SCADA · Blueprint

A top-down view of the site with Blueprint rendering, measurement cards and Storage, Distribution and Hall viewpoints.

[Full screenshot](#)

Good to know

SCADA supports operational supervision. Safety functions remain with the installation.

For your site

Site representation, equipment identification and mapping of equipment variables.