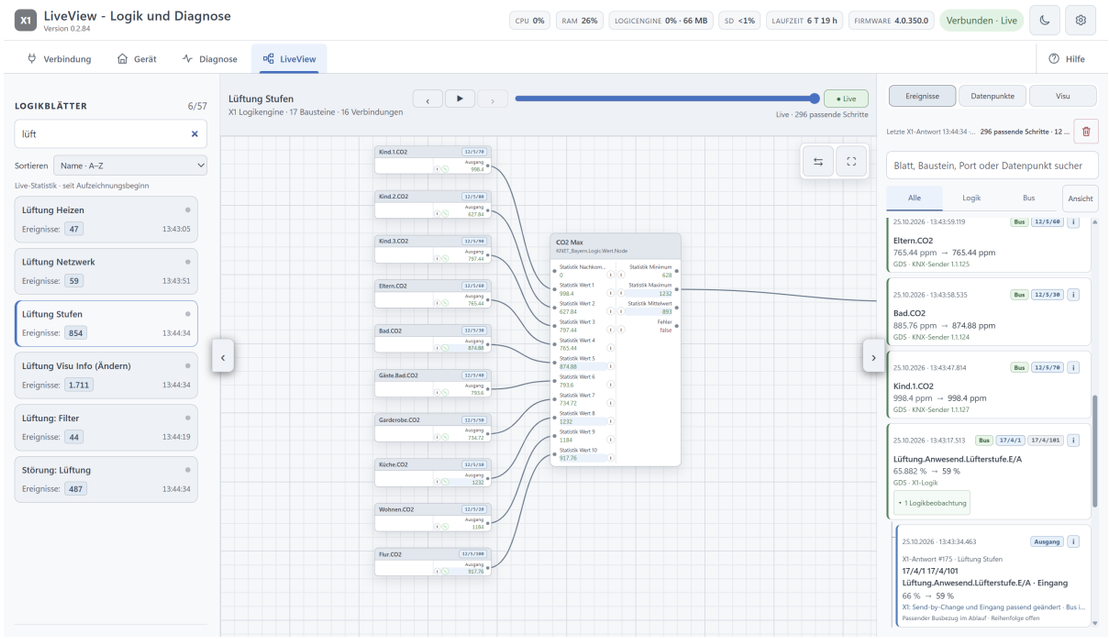
LiveView

Live diagnostics for your Gira X1.

Open LiveView, connect to the X1 and inspect your system without importing a GPA project: live logic, visualisation and device status in one place. Device diagnostics shows load and KNX status; search available logs by message and group address.



Real capture from a connected system

For homes, commercial properties and professional X1 projects.

Explore LiveView on our website



Gira X1 · Hardware not included

Live diagnostics for your Gira X1.

Something is not working as expected? Connect LiveView to your X1 for an initial check without importing a GPA project. Inspect real values in logic and visualisation. In the group monitor, compare current KNX and internal data-point messages with previous values and filter by source. Then check CPU, memory, services and KNX in device diagnostics. Retrieve existing logs when needed and filter by message, address or logic block. These are concrete clues for your next step; make any necessary project changes in the GPA.

01

Get oriented quickly

Check live values, the group monitor and X1 device status in one place without importing a project.

02

Narrow down faults

Find unanswered KNX read requests, then inspect assigned data points and where they are used.

03

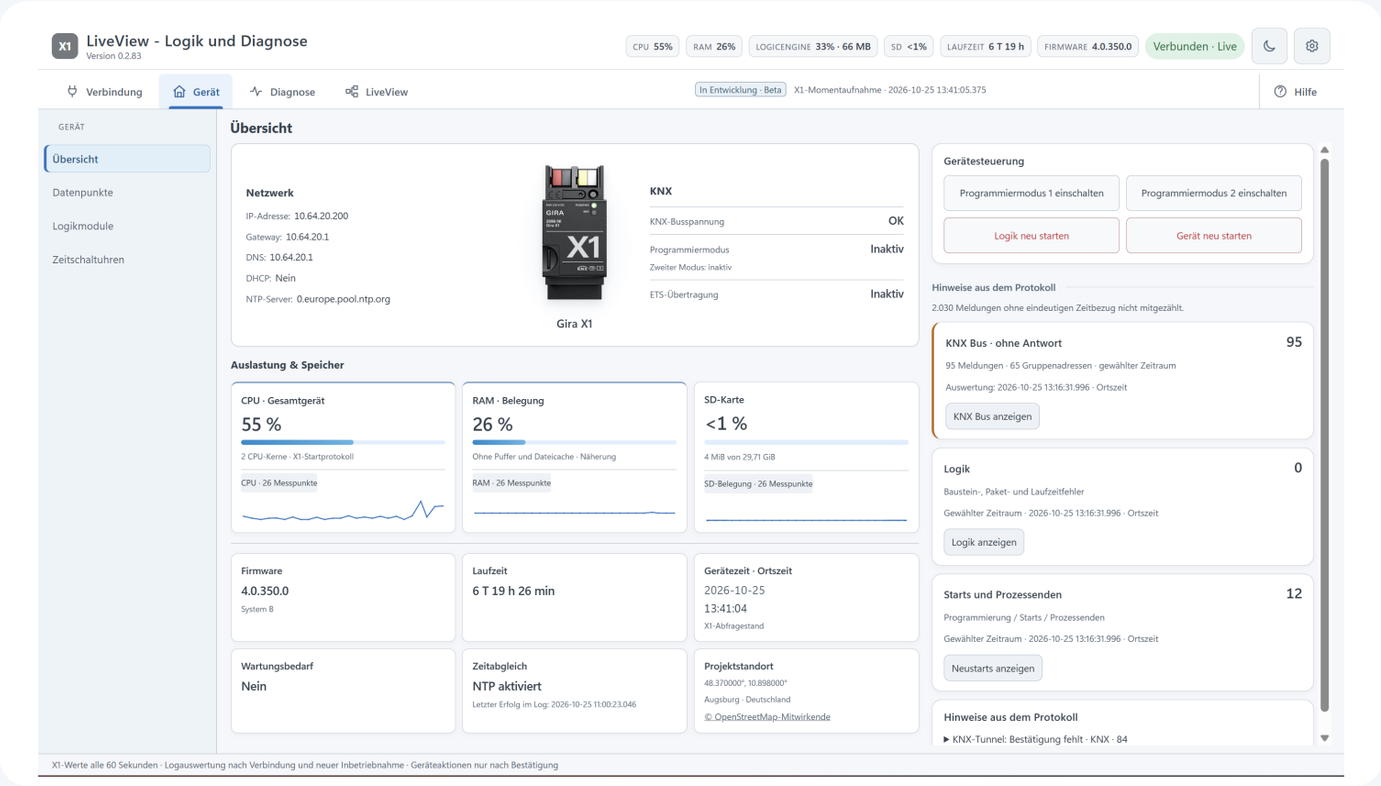
Work remotely

Connect through Gira S1 and select customer systems in the device portal.

Your X1 at a glance.

The current device overview shows CPU, RAM, SD card, firmware, network and KNX status for the connected system. Cards on the right bring together clues from separately retrieved device logs, including KNX read requests without a timely reply in this image. Open a card to inspect the relevant diagnostic view.

Move from device status to a specific log clue without loading a GPA project.

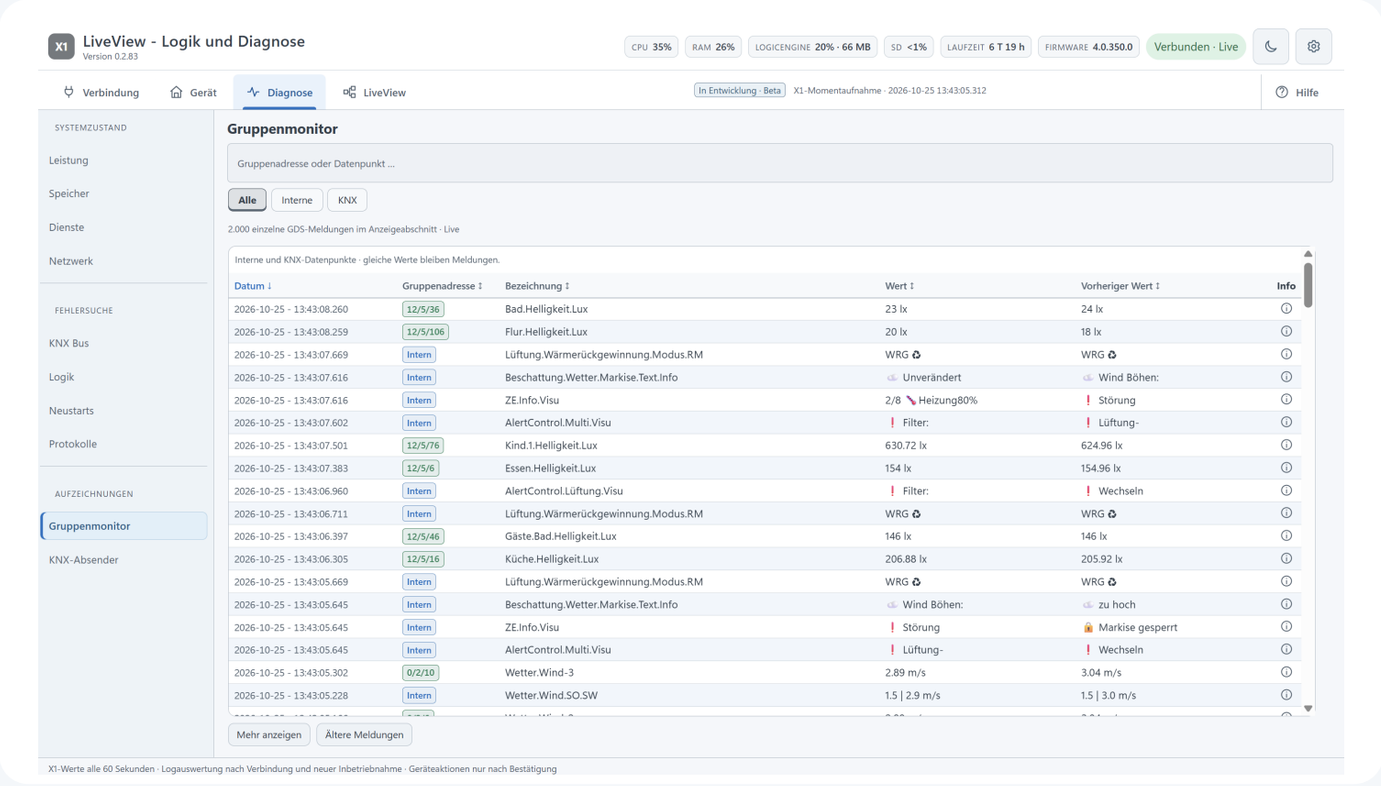


Original capture of a connected system. Device readings are snapshots; older log messages are retrieved separately on request. Device diagnostics is in development (beta).

See values and messages live.

The group monitor lists current messages from KNX and internal data points together. Filter by “All”, “Internal” or “KNX”, and search by address or name. Each message shows a timestamp, data point, current and previous value, even when the value has not changed. The image places bus readings such as brightness and wind alongside internal status and text messages.

Compare bus and internal changes on the X1 in one timeline.

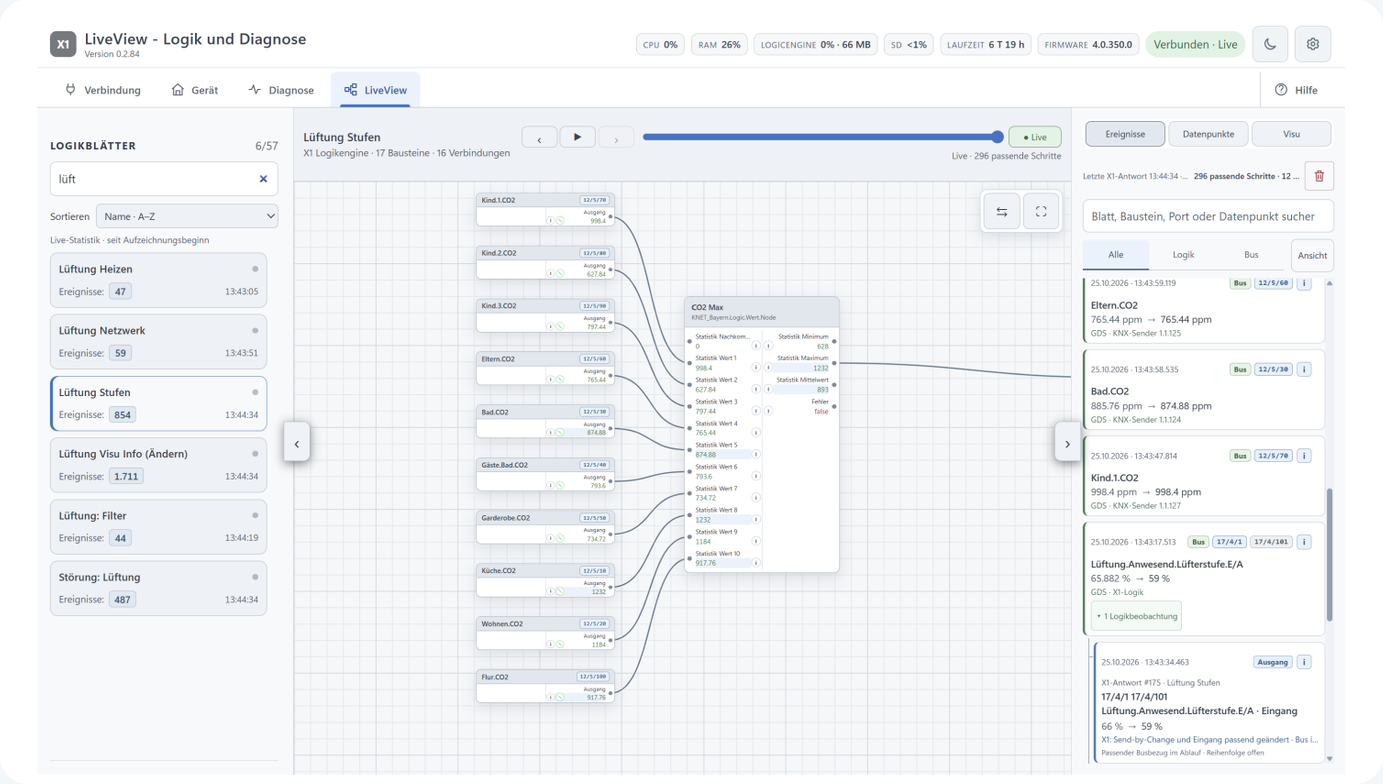


Original capture of a connected system. The list shows individual GDS messages in the display window; it is not a complete retrospective record of KNX bus traffic. Device diagnostics is in development (beta).

From CO_2 readings to the ventilation level.

In the current “Lüftung Stufen” sheet, CO_2 readings from many rooms feed into the “CO_2 Max” block. The event list on the right shows bus messages and a change in the ventilation level. Start with real room values, then follow the downstream logic further through the sheet. The image shows the section up to the maximum, not the entire calculation chain.

Compare real room readings with events from the running ventilation logic.

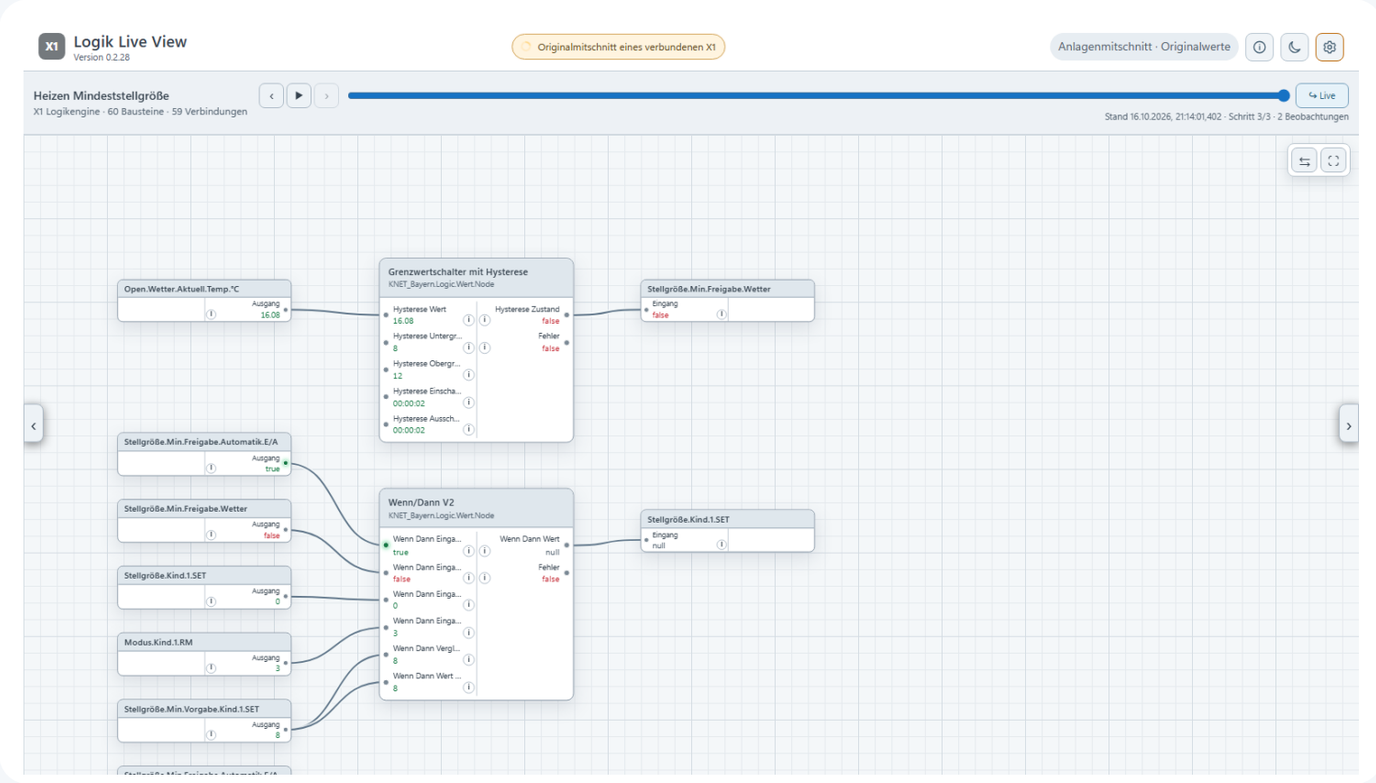


Original capture of a connected system; the visible section ends at “CO_2 Max”. An event alone does not prove the entire chain of effects.

See enable conditions in context.

In the heating sheet, the outside temperature passes through a threshold switch to the weather enable signal. Automation, mode and setpoint are visible below. LiveView displays the values received from the X1 at the relevant logic blocks.

See which condition currently applies before changing the project.

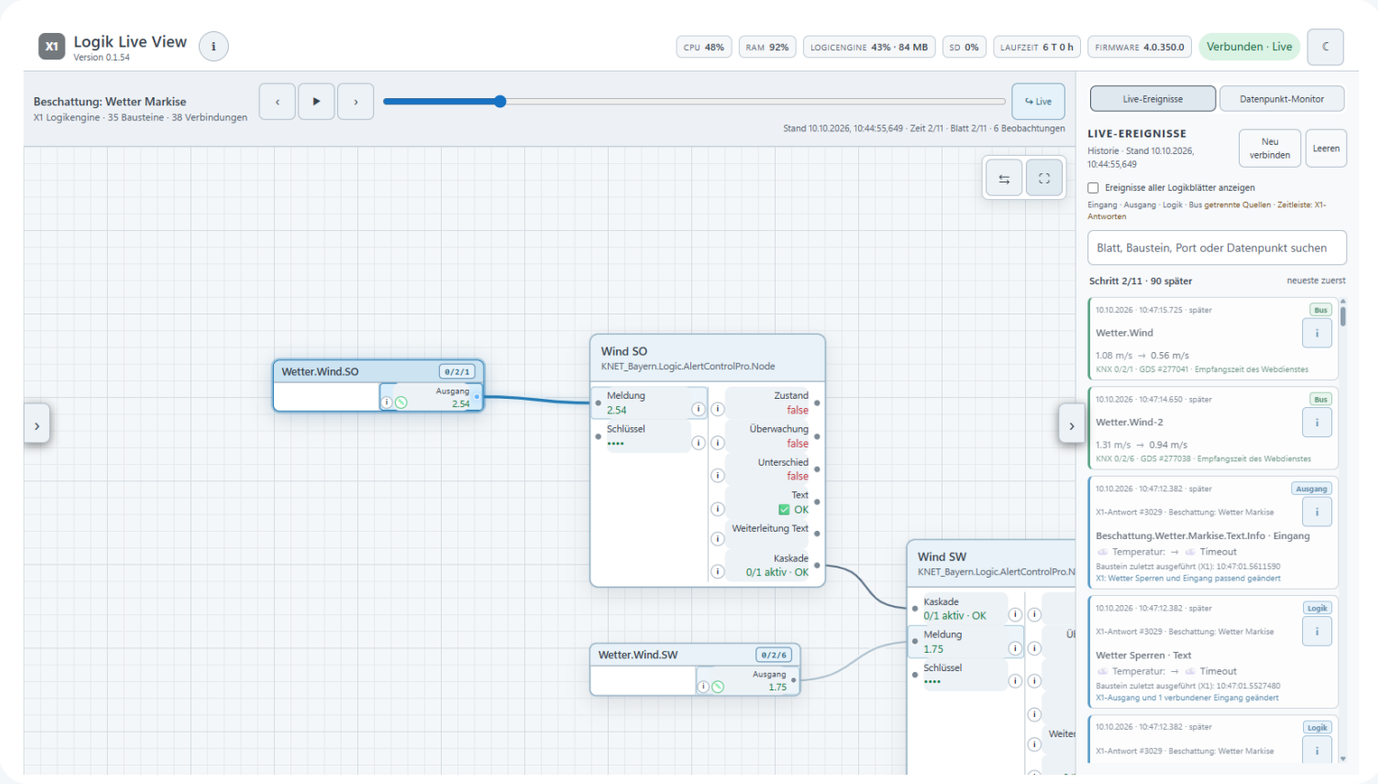


Real recording of heating logic in the original interface.

Inspect a recorded sequence.

Keep LiveView connected while the event takes place. In the still-available session recording, move back through the sequence, examine individual steps and compare captured port values.

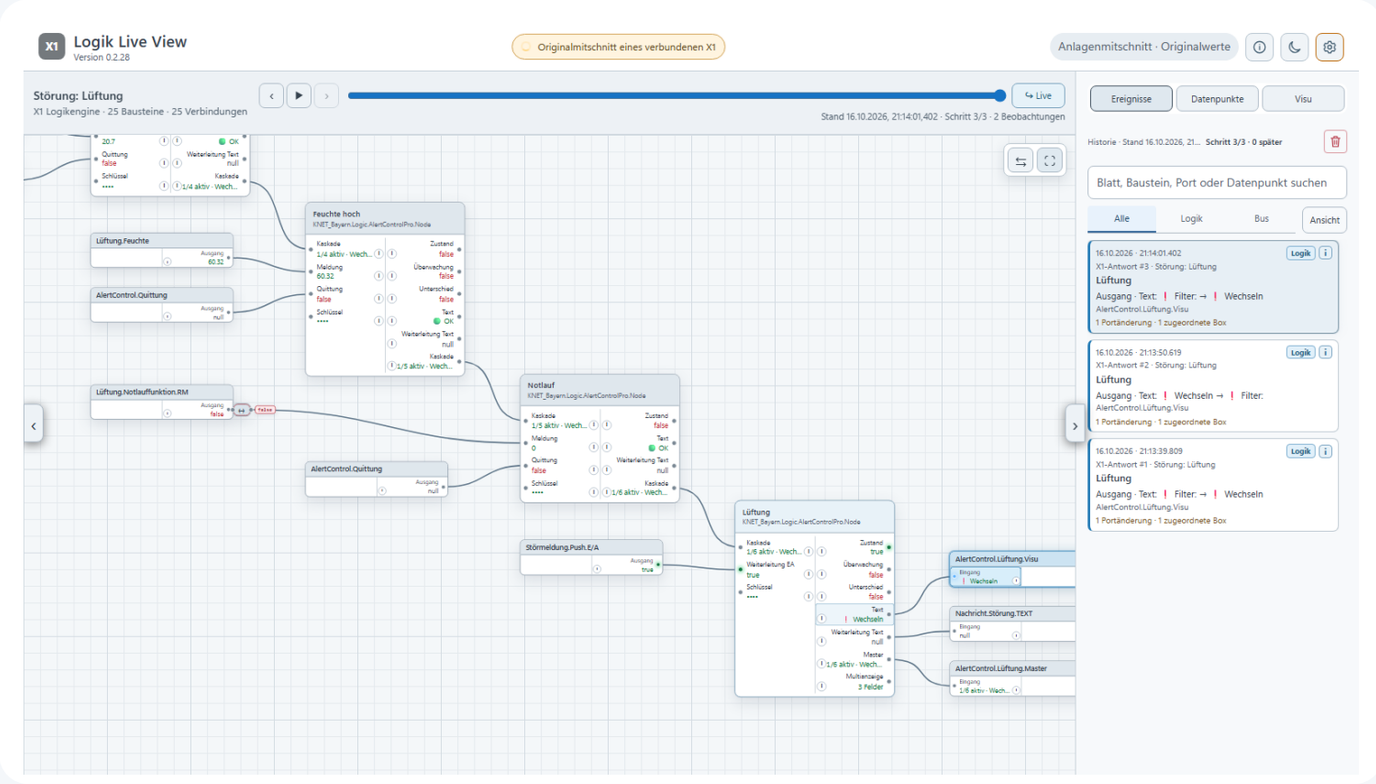
Review an event captured live, one step at a time.



Recording starts with the active connection. Earlier events are not loaded.

Go from an event to its logic block.

Input, output, logic or bus: tags show the source of an event. Select a logic event to highlight the relevant port or block in the graph. The image shows a selected ventilation filter-change alert.

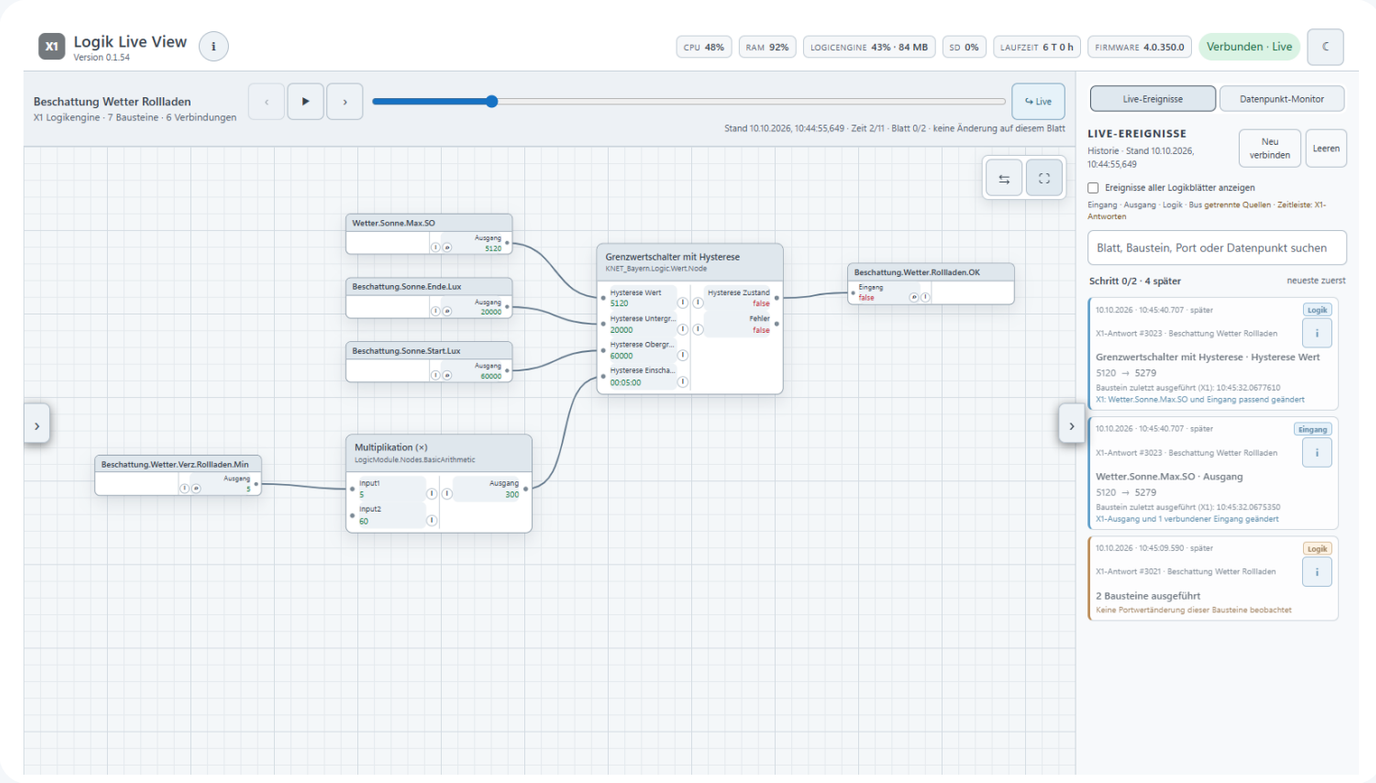


Real system recording with a filter-change alert in the original interface.

Find the relevant place without a long search through the logic sheet.

Keep the same moment across logic sheets.

The image shows “Beschattung Wetter Rollladen” at a selected point in the recording. When you switch to another sheet, that point in time stays selected so you can compare recorded values across sheets.



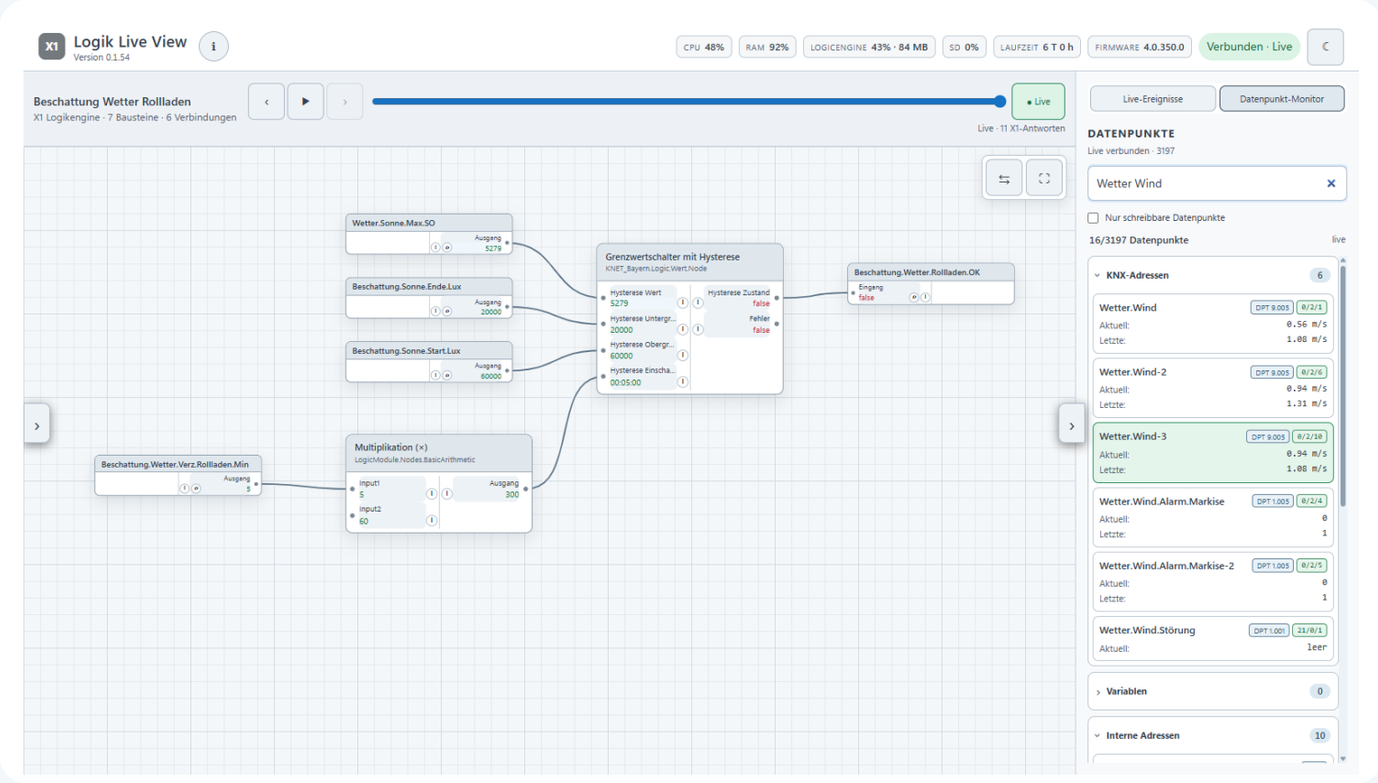
Real X1 capture at a selected point in the session recording.

Examine relationships between multiple logic sheets.

Find the data point you need.

Search the data-point monitor using several terms. KNX addresses, variables and internal addresses are grouped separately; each match shows the current value received from the connected X1.

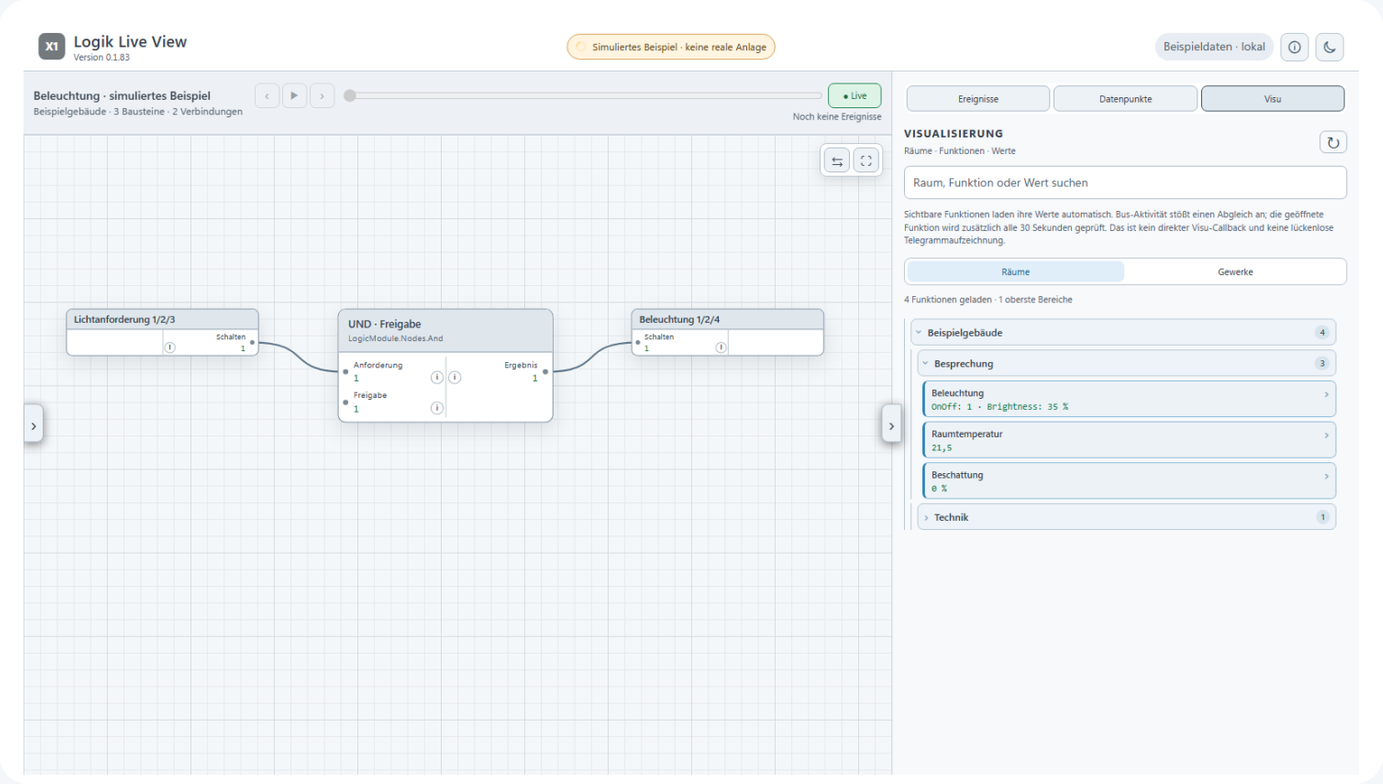
Search directly instead of working through long lists.



System capture showing a search for wind-related data points.

Inspect existing X1 visualisation functions.

Open rooms or categories from the X1 visualisation next to the logic. The example shows meeting-room lighting with its switching state and brightness, plus temperature and shading. Operate writable values after checking their assignment.

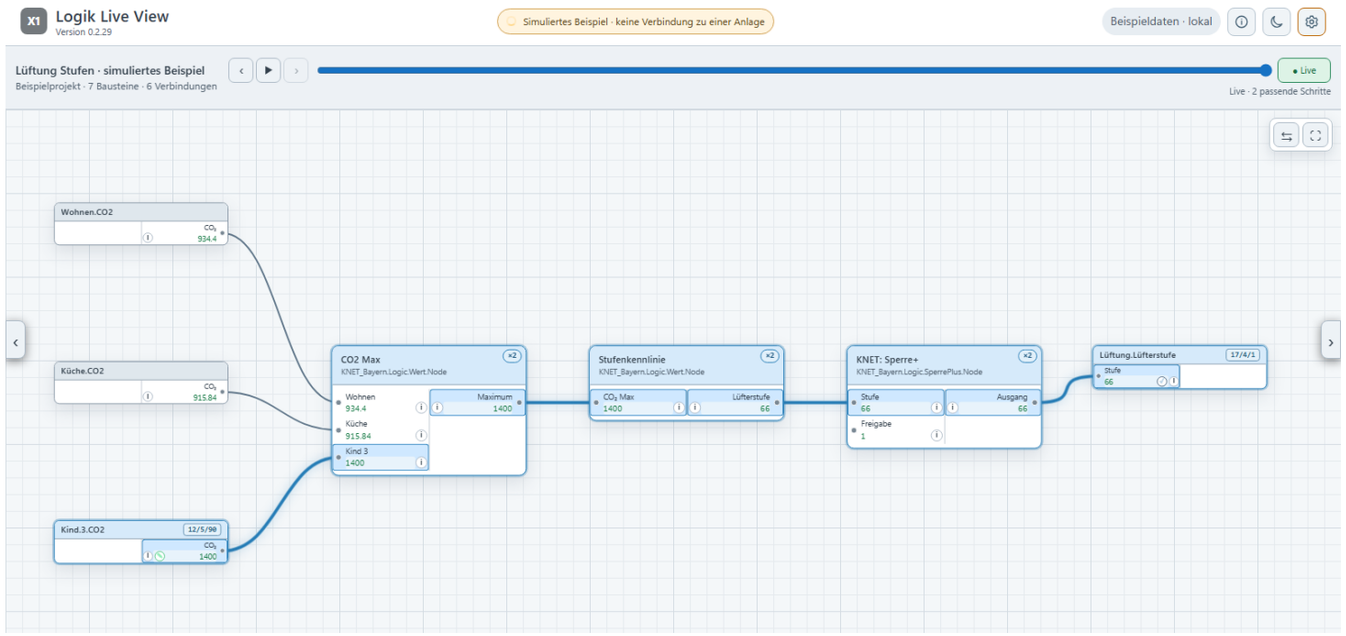


Simulated example values. Available functions and write permissions depend on X1 access.

Move from a logic sheet to the relevant function and inspect its feedback.

Send a value.
Follow the response.

Open the dialog for the assigned writable data point and send a test value. Check the feedback, then watch how received values change across input, logic and output on the real X1. In the simulated ventilation example, one room rises to 1400 ppm CO_2; the maximum, level characteristic and fan output change while the enable condition stays active.



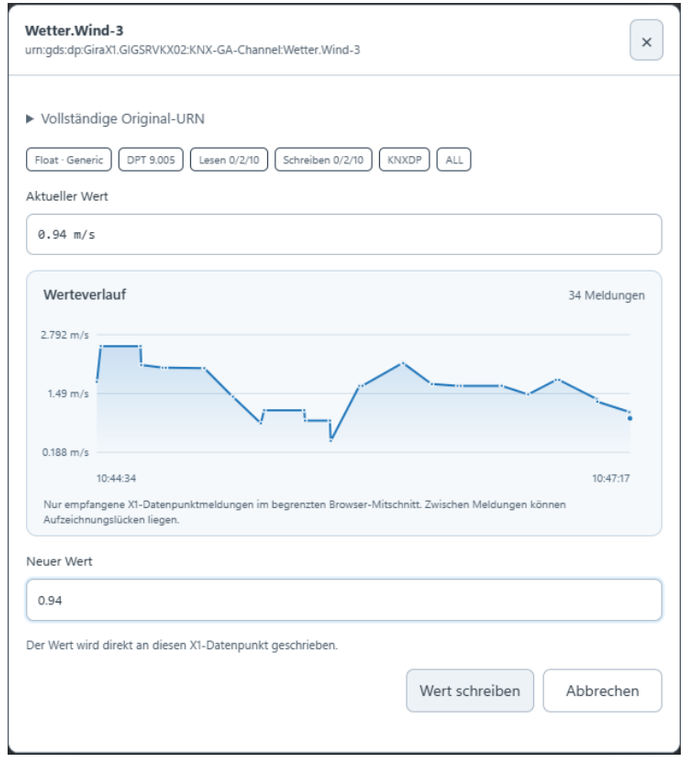
Simulated example data. A value sent to your system affects real functions.

Observe the logic response, not merely confirmation that a write was sent.

Follow measured values as a chart.

Open a data point and view values received while connected. Numeric values appear as a curve and binary states as transitions. See fluctuations and state changes in the available recording.

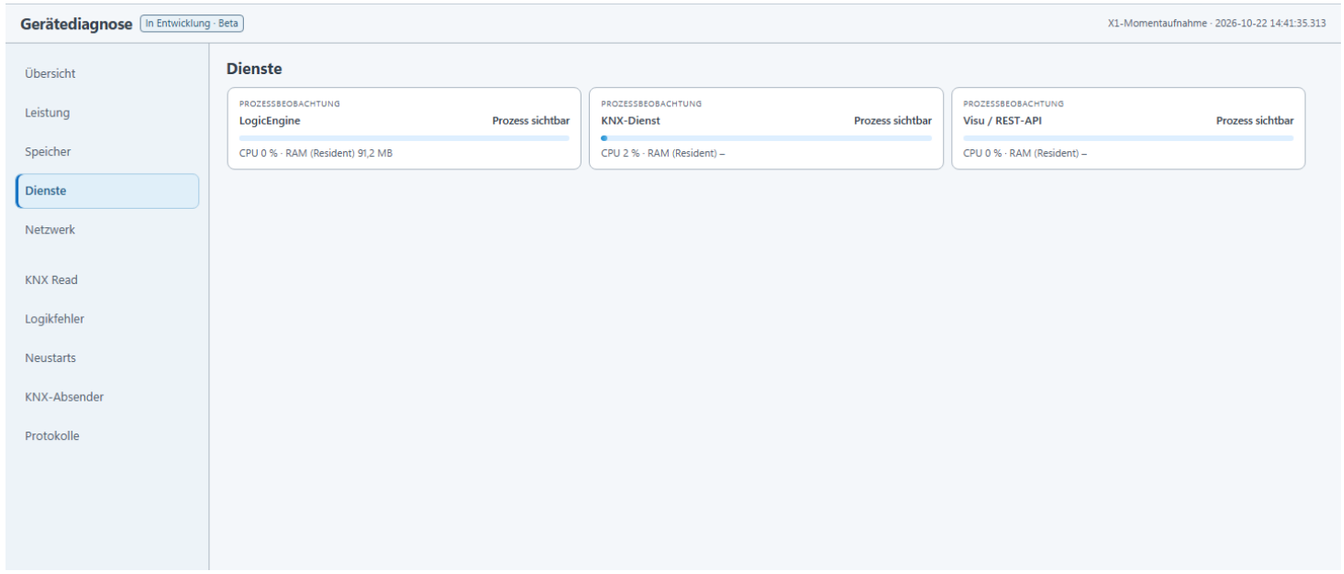
View values over time instead of only a single moment.



Real wind readings from the active session. Connection gaps are not backfilled.

See which services are visible.

The services view lists the LogicEngine, KNX service and visualisation/REST API as separate process observations. Together with CPU and memory readings in the performance view, this helps put X1 status in context. A visible process alone does not prove that every function is working.



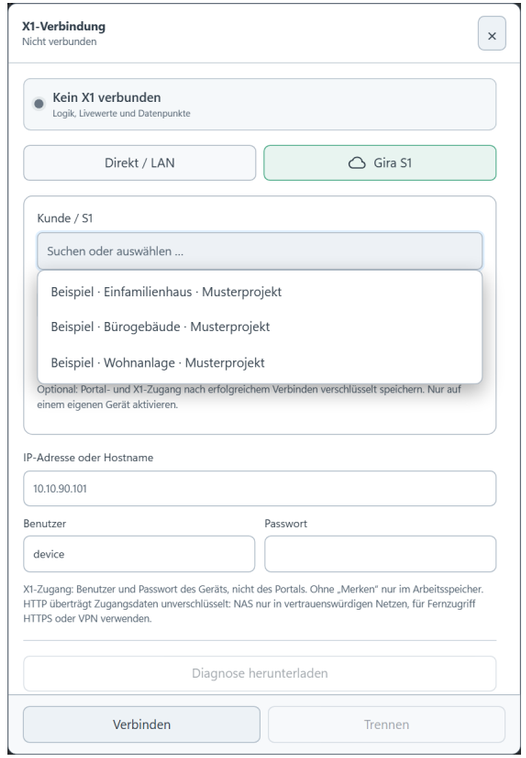
Original interface with synthetic test data. Process observation is not a complete service-function test. Device diagnostics is in development (beta).

Check device load and visible processes before looking for a logic fault.

Reach customer systems via Gira S1.

Even across dozens of customer systems, select an authorised connection in the integrated Gira device portal and connect to the X1 through S1. Pro lets you work with an unlimited number of X1 systems in succession.

Start diagnostics from your office and prepare any site visit more effectively.

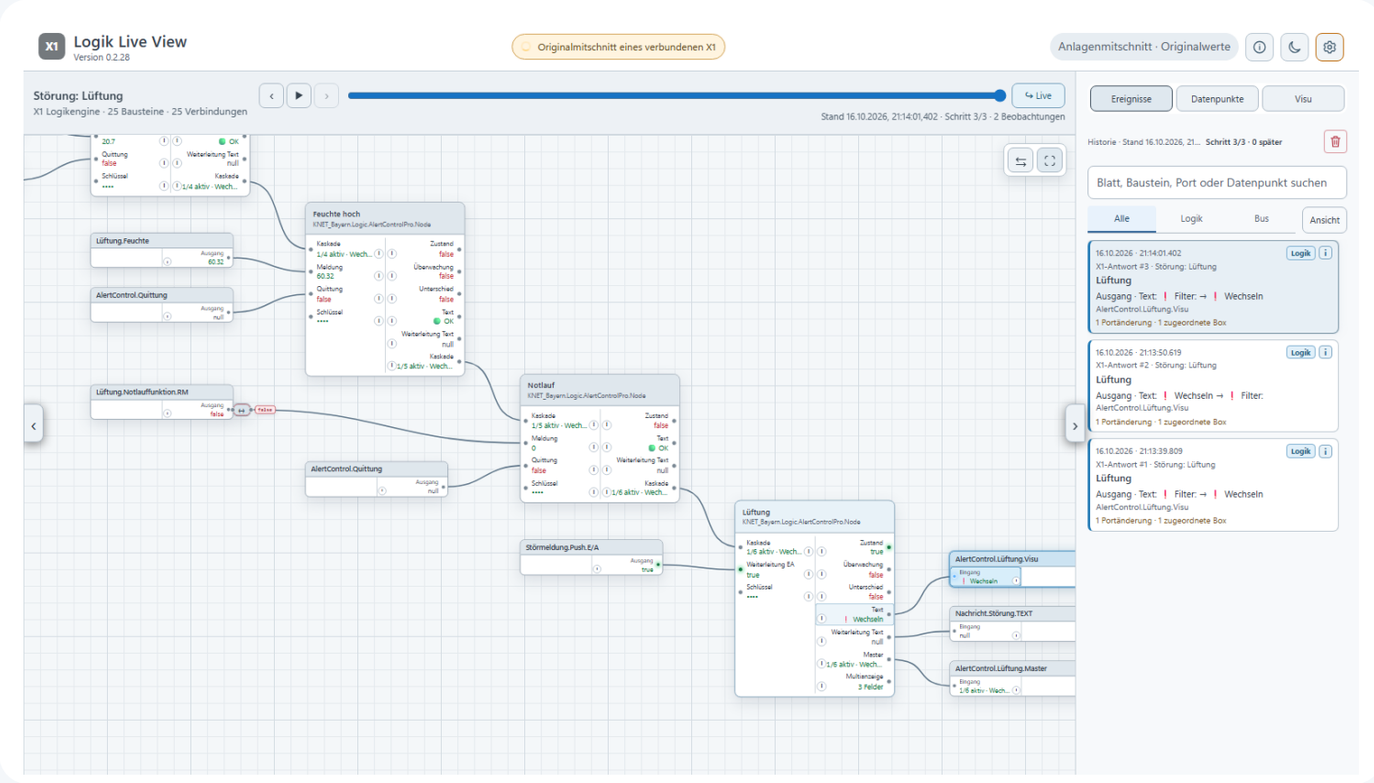


Example connections. A configured S1 and suitable permissions are required; one X1 per connection.

Trace a filter alert to its output.

The ventilation system reports a filter change. Connect LiveView and select the event. The real capture shows the alert in “Störung: Lüftung” together with acknowledgement, cascade and the visualisation output. You can see which path is involved without claiming a root cause from a still image.

Go from the reported condition to the relevant point in the running X1 logic.

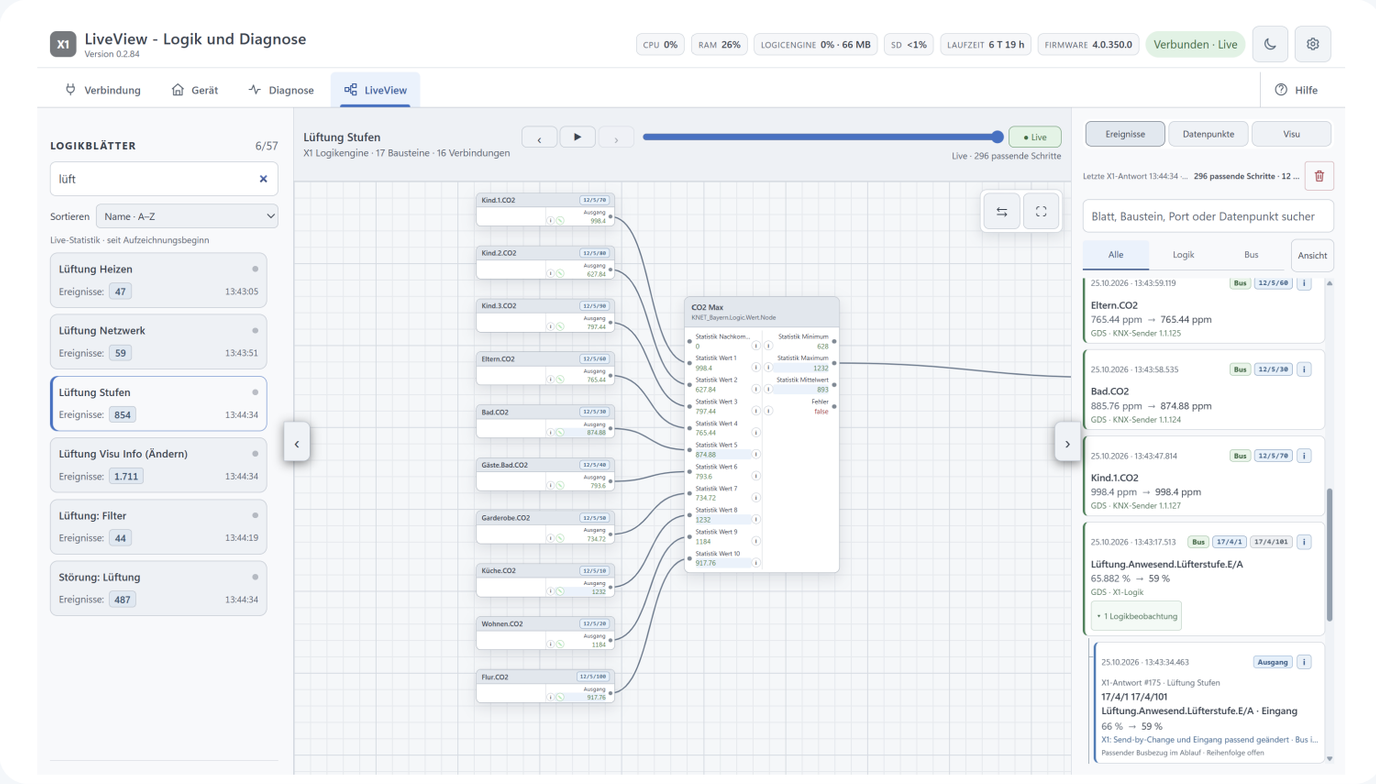


Real system recording of the filter-change alert.

Several rooms. One ventilation level.

During commissioning or after a GPA change, connect LiveView before testing. The “Lüftung Stufen” sheet shows CO_2 readings from many rooms and their shared maximum. On the right, the observed bus and logic events include a change in the ventilation level. Continue through the downstream blocks in the sheet and compare their values with these events.

Base logic development and fault-finding on actual room readings and observed events.

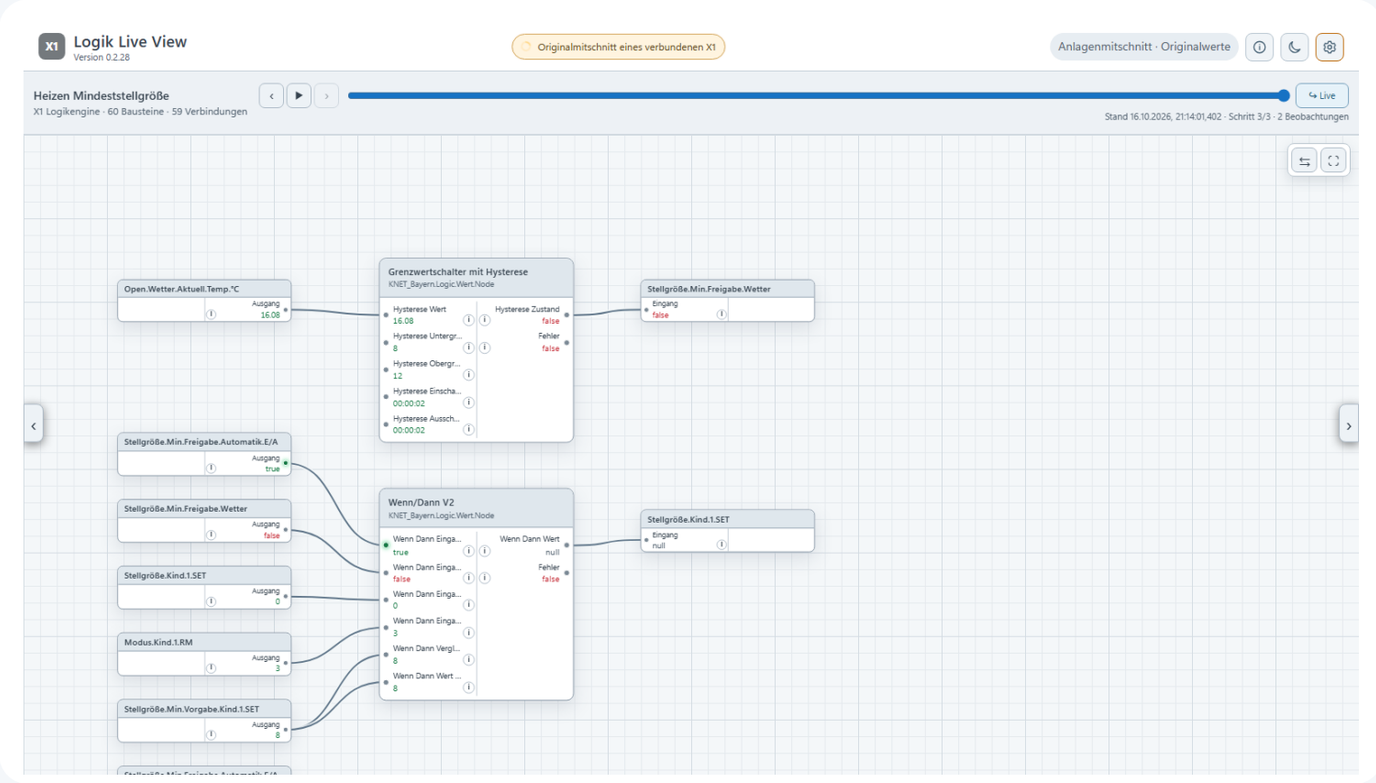


Original capture of a connected system; the downstream level characteristic is outside the image. Logic changes are made in the GPA.

Inspect the heating enable signal.

A room is not warming as expected? Connect LiveView and check the heating sheet. The capture shows an outside temperature of 16.08 °C at a threshold switch; its weather-enable output is “false” here. Automation, mode and setpoint inputs are visible below. Narrow down the current condition without inferring a cause from this one image.

Check specific inputs and enable conditions before changing the GPA project.

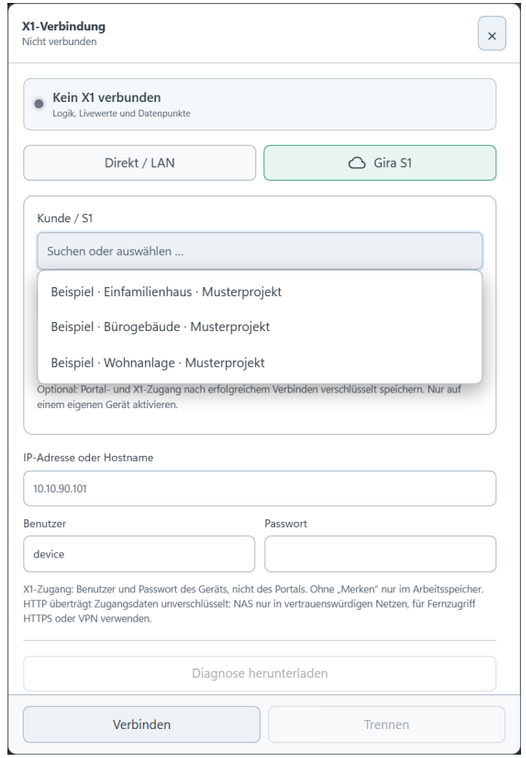


Real recording of the heating logic.

Inspect a customer system remotely.

A customer reports a fault that is happening now. Select the authorised connection in the device portal, connect through S1 and inspect real system values live together with the customer.

Clarify the next step and prepare a possible site visit.

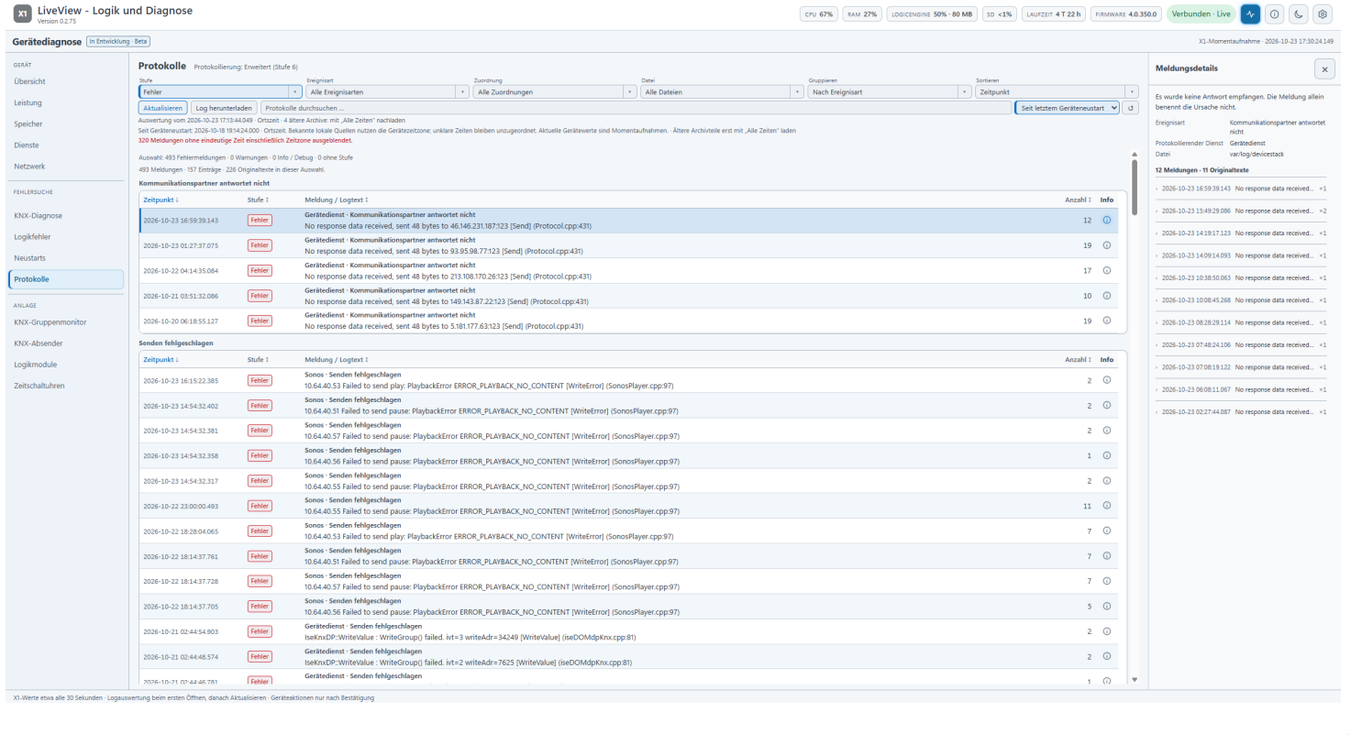


Example connections in the device portal; one X1 per connection.

Inspect recurring errors precisely.

The device log groups errors by event. Select an entry to read its original messages and timestamps on the right. The capture includes repeated reports of a communication partner not responding and failed send operations. Filters for severity, event type, assignment and file help turn a long list into a concrete clue for the next check.

See repeated events and their details before checking the affected function or connection.

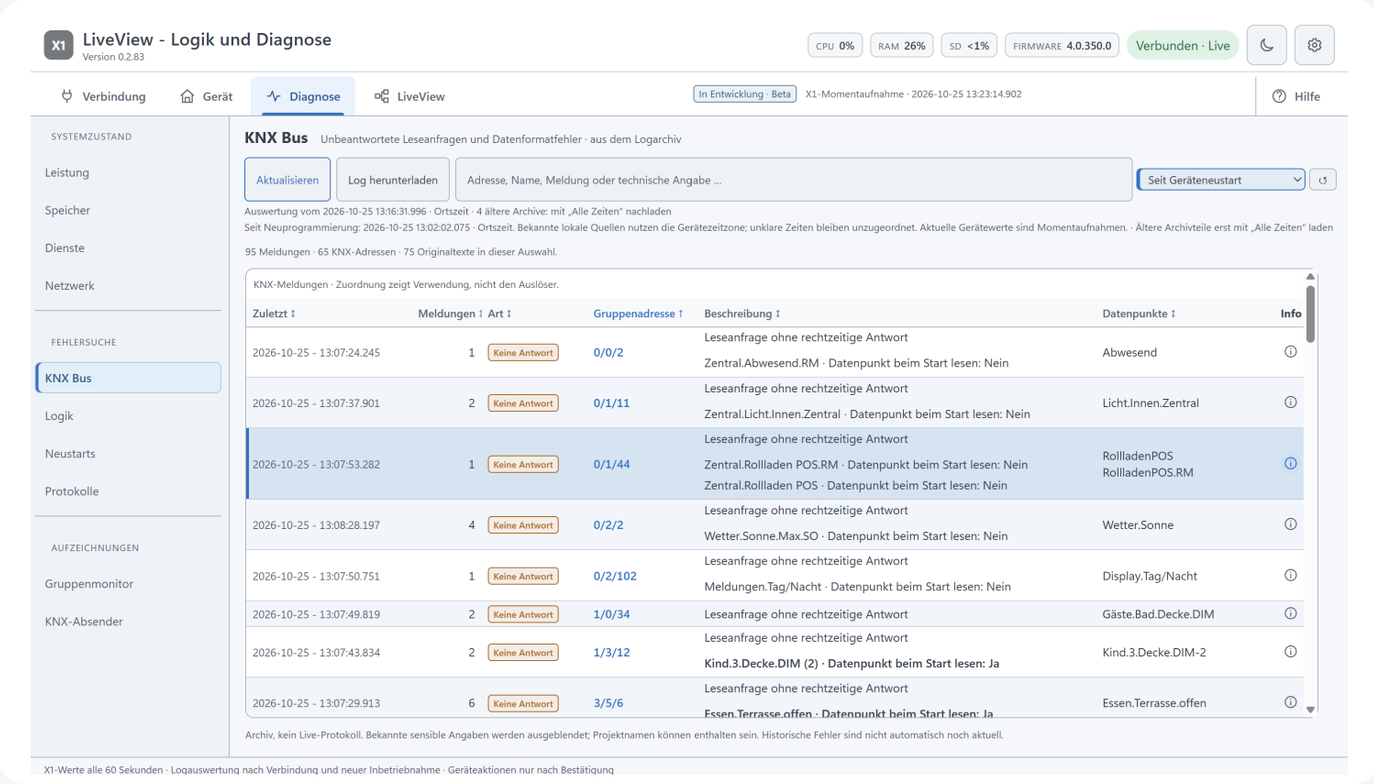


Original capture of a connected X1. The device log archive is evaluated on request; an entry alone does not establish a current cause. Device diagnostics is in development (beta).

Which KNX address did not reply in time?

In the KNX Bus view, find read requests without a timely reply by timestamp, frequency and group address. The table names assigned data points; the details show where they are used in the X1 project. This takes you from an affected address to the relevant functions. If messages occur after an X1 restart, select “Since device restart”, compare timestamps with the “Restarts” view and check startup reads or logic enables in the GPA. Then inspect the next startup again.

Find unanswered requests and where their group addresses are used.

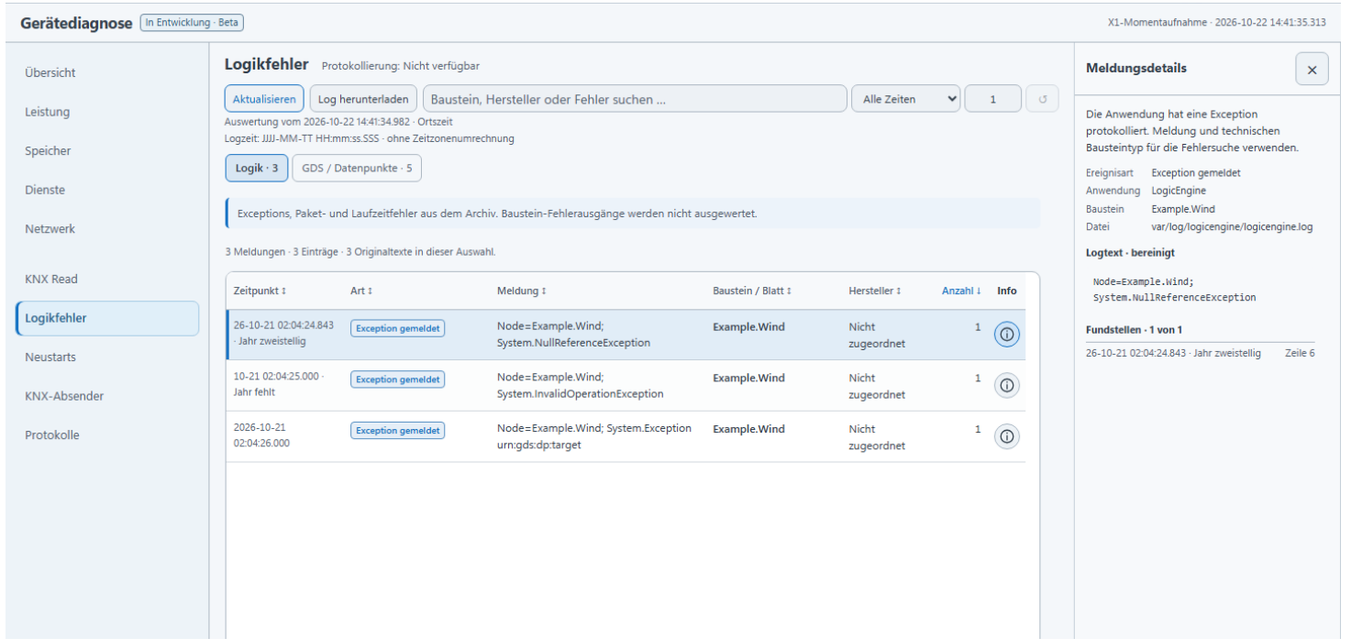


Original capture of a connected X1. The assignment shows where an address is used in the project, not what triggered the message. Device logs are evaluated on request; historical entries prove neither a current cause nor a directly documented device restart. Device diagnostics is in development (beta).

Follow a logic message to its original text.

After retrieving device logs, “Logic errors” separates logged exceptions from data-point errors. In this example, select a message for “Example.Wind” and read the original text and source on the right. It gives you a concrete starting point for checking the GPA project; a logic block’s ordinary error output is not automatically a logged exception.

See the logic block, message type and original text instead of an unsorted error list.

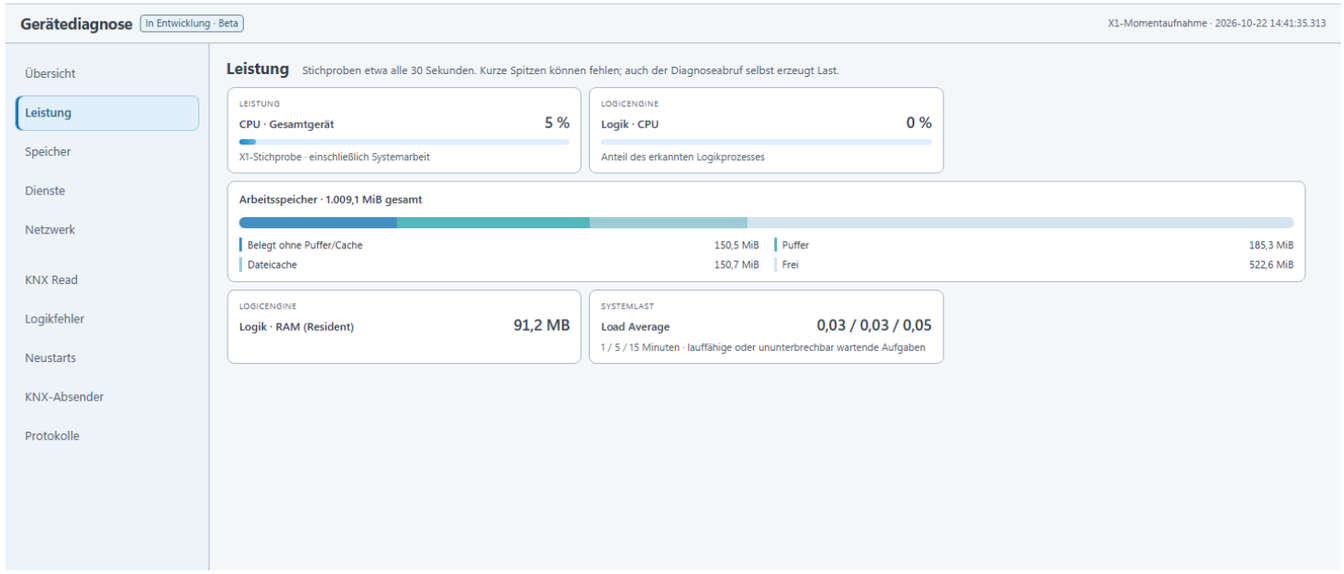


Original interface with a synthetic QA log. An archived message does not establish a current fault in a customer system. Device diagnostics is in development (beta).

Is the X1 currently under unusual load?

Open the performance view to compare current CPU and RAM readings with the LogicEngine process, free memory and system load. Open “Services” if you need to inspect the visible processes separately. The image shows sampled values; short spikes may occur between readings.

Replace a hunch about overload with concrete snapshot readings.



Original interface with synthetic test data. Snapshot, not a complete load recording; device diagnostics is in development (beta).

What you need.

Computer	Windows x64 with Microsoft Edge. No GPA project import or additional X1 logic module is required.
Gira X1	Firmware 4.0 or later, valid device access and an available connection. One selected X1 per connection.
Remote access	Connect locally over the network or through a configured Gira S1 with internet access and the required device-portal permissions.
Test values	Writing to a writable data point affects the real system. Check the assignment and data type before each test.
Visualisation	Rooms, categories and functions available to your X1 account appear in the visualisation tab. Reading and writing depend on the permissions reported by the X1.

The logic timeline contains only data captured by LiveView while connected. Device logs are retrieved separately from the X1 on request and may include earlier device events.

Frequently asked questions.

How does LiveView help when a function is not working as expected?

Connect to the X1 and inspect current system values without importing a GPA project. Device diagnostics shows utilisation and device status; retrieve existing logs on request and filter warnings, KNX addresses or logic messages. Open the relevant visualisation function and, if appropriate, check a writable data point and its feedback. If the evidence points to a project issue, change the logic in the GPA afterwards. LiveView does not repair it automatically.

What does device diagnostics show?

A snapshot of the X1 including CPU, memory, SD card, operating status and visible services. The network view shows device information and related log clues where available. Existing X1 logs are retrieved separately on request. Filters help find KNX read requests without a timely answer, logged logic-block exceptions and data-point errors. For a KNX address, you can inspect known data points and where they are used in the X1 project. This assignment does not identify who caused a message; an entry alone does not prove the cause. Device diagnostics is currently marked beta.

What can I check in the group monitor?

The group monitor shows current messages from KNX and internal data points. Filter by “All”, “Internal” or “KNX”, and search by address or data-point name. The list shows timestamp, name, current and previous value; repeated values remain separate messages. The details for an assigned data point provide further information. At an authorised writable point, check its assignment and data type before deliberately sending a value, then watch for new messages. This is not a complete retrospective record of all KNX telegrams.

Frequently asked questions.

What does the visualisation tab show?

It shows the existing X1 visualisation functions by room or category, including their data points and values. Writable data points can be operated directly. LiveView uses the X1 function structure already in place. Visualisation values are refreshed periodically; they are not a complete event history.

Can I use LiveView for logic development and debugging?

Yes. The GPA simulation works with your project. LiveView connects to the running X1 and displays its real values and responses without importing the GPA project. Change the logic in the GPA when needed, transfer it to the X1 and inspect inputs, enable conditions and outputs on the real system. Signal paths, events and the available session recording help narrow down unexpected responses. LiveView is not a source-code debugger: it does not edit logic or set breakpoints. Project changes still take place in the GPA.

Can I inspect a fault from yesterday?

The logic timeline only shows the available recording from a connected LiveView session. Separately, you can retrieve available X1 device logs on request; they may contain older events. Neither view is a complete system history.

Frequently asked questions.

What is the difference between Single and Pro?

Single is intended for one X1. Pro lets you connect to an unlimited number of X1 systems one after another, including permitted systems in the Gira device portal. Each connection observes one selected X1; there is no simultaneous fleet monitoring.

Is LiveView suitable for my own system?

Yes. Homeowners can follow real system states live, operators can inspect current processes and professionals can test their logic on the actual X1. A basic understanding of X1 logic helps interpret the values. LiveView provides observations, not automatic root-cause detection.

Which functions can I inspect?

For example lighting, shading, heating, climate control, ventilation, audio or camera-related status signals, provided the relevant values are observable in your X1 logic. Camera images are not analysed. Input, output, logic and bus tags help identify where events came from; bus events are not a complete physical KNX bus capture.

Choose LiveView.

LiveView Single

One Gira X1. Live diagnostics locally and via Gira S1.

Order now

LiveView Pro

Unlimited Gira X1 systems, one X1 per connection. Locally and via Gira S1.

Order now

Find price and availability on our website. Delivery within 1-3 days of ordering, after payment is received.

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