

Welcome

oneworkSCAN helps you assess the health status of your ETS project by identifying devices without a valid individual address and unreachable devices.

It provides both a concise overview and detailed device-level results, enabling efficient analysis, targeted filtering, and reliable documentation of the current project state.

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Open oneworkSCAN in ETS

- In ETS, open your project and navigate to **All Panels** → **onework GmbH** → **oneworkSCAN**.
- Optional: mark it with ★ to pin it for quicker access next time.

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What this app does

oneworkSCAN executes a project-wide diagnostic analysis of KNX devices within an ETS project. The primary objective is to detect devices with missing or invalid individual addresses and to assess device reachability via KNX bus communication.

For devices with a valid individual address, oneworkSCAN verifies communication responsiveness. Non-responsive devices are classified as not reachable, while responding devices are reported as operational.

oneworkSCAN operates in read-only mode and does not modify the ETS project. It does not perform application parameter validation or manufacturer-specific consistency checks. The tool is designed exclusively for diagnostics, reporting, and project documentation support.

Understanding status results

oneworkSCAN assigns one of six status values to each evaluated device. These statuses reflect the result of address validation and reachability checks and support prioritization and further analysis.

Status definitions

Healthy – The device responds to communication attempts and has a valid individual address.

Error – The device has a valid individual address but does not respond to communication attempts.

Warning – The device does not have a valid individual address assigned.

Unchecked – The device has not yet been evaluated.

Interrupted – The diagnostic process for the device was not completed successfully.

Ignored – The device is intentionally excluded from diagnostics.

Note: In Status Cards, the status *Interrupted* is aggregated under *Unchecked*.

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Quick overview

A compact summary in **Status Cards** and detailed device information in **Device Status**.

Status Cards

- Start a scan for all devices or a defined set
- Review a status summary at a glance
- Add or remove cards to focus on specific results
- Reorder cards to match your workflow
- Export a single card or the full overview as PDF

Device Status

- Start a scan for all devices or a defined set
- Inspect detailed device results in a table
- Sort results and customize the table view (show/hide and reorder columns)
- Search within results and narrow down findings with filters
- Create, save, update, or delete filter sets
- Export results as CSV or Excel

Need clarification on a status? See [Understanding status results](#).

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Getting Started: Prerequisites

Minimum requirements for purchasing, installing, and using oneworkSCAN, ensuring correct licensing and reliable operation within ETS.

Purchasing

- Valid ETS6 Professional or ETS6 Lite license (Demo mode is not supported)
- Registered and verified MyKNX account
- Compatible KNX USB dongle or KNX USB interface for license storage

Installing

- ETS5 or ETS6 (desktop version only) and administrator rights on the PC
- Active internet connection for license activation
- KNX USB dongle or interface connected during installation

Using

- Licensed dongle or interface must be connected while using the App
- Relevant device or project context available in ETS
- KNX bus connection required for commissioning or diagnostics

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Getting Started: Basic workflow

Initial startup of oneworkSCAN and the basic workflow for diagnosing devices in an ETS project.

First run

- Open your target ETS project and start oneworkSCAN for this project.
- Initiate the scan via the **Diagnose** button on the default status card. All relevant project devices will be evaluated.
- Scan progress and interim results are displayed in the loading panel at the bottom-right.
- Upon completion, results are reflected as status indicators on the status card and as detailed records in the Device Status table.

Further steps

- Review detailed device results on the **Device Status** page and use filters to narrow down findings.
- Configure and save filters to focus on specific issues or device groups.
- Add status cards based on saved filters to get quick status summaries for selected device groups or issue types.
- Export results from status cards as PDF, and from Device Status as CSV or Excel for reporting and documentation.

Open oneworkSCAN in ETS

- In ETS, open your project and navigate to **All Panels** → **onework GmbH** → **oneworkSCAN**.
- Optional: mark it with **★** to pin it for quicker access next time.

Need clarification on a status? See [Understanding status results](#).

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Getting Started: Export files

Export results for reporting—PDF from Status Cards and CSV/Excel from Device Status.

Export PDF

- On the **Overview** page, status cards can be exported as PDF.
- To export a single card, open the menu at the top-right of the card.
- To export all cards, use the page menu at the top-left of the page.

Export CSV / Excel

- On the **Device Status** page, the current table view can be exported as CSV or Excel.
- Click the export button at the top-right to select the desired file format.
- The export includes all currently visible columns. Adjust column visibility via the column menu (top-left) or by right-clicking the table header.

Need clarification on a status? See [Understanding status results](#).

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Overview: Status card

Aggregated status view providing direct access to relevant device groups.

Card name

- The card name is displayed at the top-left of the card.
- The default card is named "All devices".
- Custom cards use the name of the associated filter set.

Card menu button

- The menu button is located at the top-right of the card.
- For the default card, the menu provides the option to export the card.
- For custom cards, the menu provides options to export or delete the card.

Status pie chart

- Each colored segment represents the proportion of devices assigned to a specific status.
- Hover over a segment to display the exact device count for that status.
- Click a segment to open the filtered device list for that status.
- The center value displays the total number of devices represented by the card.

Status mini card

- Each mini card represents one device status using the same color coding as the pie chart.
- The mini card displays the device count and a proportional indicator bar.
- Hover to view a short definition of the status.
- Click to navigate to the filtered device list for that status.

Need clarification on a status? See [Understanding status results](#).

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Overview: Managing status cards

Add, delete, reorder, and export status cards.

Add cards

- Click the **Add** button at the top-right of the page.
- Select an existing filter set in the add-card panel and click **Confirm**.
- Only previously created filter sets are available for selection.

Delete cards

- Open the card menu at the top-right of the card and select **Delete**.
- The card is removed from the overview panel only.
- The associated filter set and its configuration remain unchanged.
- Only custom cards can be deleted. The default card cannot be removed.

Reorder cards

- Custom cards can be reordered using drag and drop.
- The default card position is fixed and cannot be changed.
- The card order is automatically saved.

Export cards

- Status cards can be exported as PDF files.
- To export a single card, open the card menu at the top-right of the card.
- To export all cards, use the page menu at the top-left of the page.

Need clarification on a status? See [Understanding status results](#).

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Overview: Status card recency

Diagnostic timestamps and **Outdated** label.

Diagnostic timestamps

- The timestamp is displayed at the bottom-right of each status card.
- On the default card, the timestamp indicates the time of the last full diagnostic of all non-ignored devices in the project.
- On a custom card, the timestamp indicates the time of the last diagnostic executed for that specific device group.
- If a full diagnostic is performed from the default card, custom cards inherit this timestamp.

Outdated status

A status card is marked **Outdated** when its displayed results no longer reflect the most recent diagnostic state.

- The card shows results from a previous session after restarting the project, oneworkSCAN, or ETS.
- Device statuses within the card's device group have changed due to diagnostics executed from another card.
- Run a full diagnostic from the default card to refresh all cards, or run a diagnostic from a custom card to refresh that card only.

Need clarification on a status? See [Understanding status results](#).

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Overview: Reset overview

Restore the overview page to its initial state.

Reset impact and behavior

- Open the page menu at the top-left and select **Reset overview**. Confirm the reset.
- All custom cards and their displayed results are **permanently removed** from the overview and from the ETS project data storage.
- The default card results are **reset to the pre-diagnostic state**.
- Filter sets and their configurations **remain unchanged**.
- The available filter set list **remains unchanged**.
- The ignored device list **remains unchanged**.

Need clarification on Data and Privacy? See [Data Storage](#) and [Privacy Policy](#).

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Device Status: Table overview

Overview of the device status table and displayed information.

Key Characteristics

- **Device information and diagnostic status**
Each row represents one device and displays ETS project data together with its current diagnostic status.
- **Targeted filtering capabilities**
Built-in filtering allows users to narrow the visible device set based on status or attributes, enabling focused analysis in large projects.
- **Interactive row sorting and column control**
Rows can be sorted via column headers, and columns can be shown, hidden, or reordered to support task-oriented workflows.
- **Direct navigation to ETS devices**
Clicking a device name opens the corresponding device directly in ETS, enabling efficient problem analysis and resolution.

Need clarification on a status? See [Understanding status results](#).

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Device Status: Selecting rows

Row selection methods (mouse and keyboard) and available actions for selected rows.

Row selection methods

The table supports selection via row checkboxes and keyboard/mouse multi-select behavior (similar to Excel and ETS).

Checkbox or **Ctrl** + **Click** or **Space** + **Click** – Select or deselect a single row.

Header checkbox – Select or deselect all rows.

Shift + **Click** – Select a contiguous row range.

Shift + **Up/Down** – Extend the selection range from the anchor row.

Row selection actions

Selection	Action	Result
Non-ignored devices	Diagnose Selected	Runs a diagnostic for the selected devices only. Results are displayed at the top of the table after completion.
Non-ignored devices	Ignore	Excludes the selected devices from future diagnostics.
Ignored devices	Include	Re-enables the selected devices for diagnostics.

Ignored devices cannot be diagnosed until they are included again. If both **Ignore** and **Include** are enabled, the selection contains both ignored and non-ignored devices. Use the **Status filter** to review them separately.

Need clarification on a status? See [Understanding status results](#).

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Device Status: Column behavior

Column visibility, reordering and row sorting via column headers.

Key characteristics

- **Column visibility**
Show or hide columns via the column menu (top-left) or by right-clicking the table header. The column visibility is automatically saved.
- **Column reordering**
Drag and drop a column header to change its position. The column order is automatically saved.
- **Row sorting via column headers**
Click the sort indicator in a column header to sort rows by that column value. By default, rows are sorted by device address in ascending order.

Need clarification on a status? See [Understanding status results](#).

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Device Status: Export table

Export the current table content as a CSV or Excel file for further analysis or documentation.

Export table

- The current table content can be exported as CSV or Excel.
- Click the export button at the top-right to select the desired file format.
- The export includes all currently visible columns. Adjust column visibility via the column menu (top-left) or by right-clicking the table header.

Need clarification on a status? See [Understanding status results](#).

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Filters

Create, apply, and persist custom filter sets to focus on specific device groups or result categories across scans.

Apply filters

- Open the **Active Filters** panel by clicking the **Filter** button above the table.
- Select **Add filter** to add one or more filters to the panel.
- Configure each added filter by selecting the desired values. The table updates automatically and displays the filtered results.
- Click **Save** to store the current configuration as a filter set.
- Click **Reset** to clear all active filters and restore the full result set.

Save a filter set

- Configure the desired filters as described above.
- If filters are active but not yet saved, the **Filter** button is highlighted in orange.
- Click **Save** to persist the current filter set for future use.

Manage a saved filter set

- **Reapply**
Open the saved filter dropdown and select a filter set. The table updates automatically to display the corresponding results.
- **Clear**
Click the **X** icon next to the selected filter set to remove it and restore the full result set.
- **Update**
If changes are made to an applied filter set, the **Filter** button is highlighted in orange. Click **Update** to overwrite the saved filter set with the current configuration.
- **Reset**
If changes have been made to the currently applied filter set, click **Reset** to discard the modifications and restore the last saved configuration. The saved filter set remains unchanged.
- **Save as new**
If modifications should be stored separately, use the dropdown next to **Update** and select **Save as new** to create an additional filter set.
- **Delete**
Open the saved filter dropdown and move the mouse cursor over a filter set entry. A **trash bin** icon appears on the right side of the entry. Click the icon to permanently remove the filter set from the

project data storage. Any associated status card is removed accordingly.

Search

- **Global search in the table**

Enter a search term in the search field above the table. Only rows containing the entered term will be displayed.

- **Search in the Available Filters panel**

Use the search field in the **Available Filters** panel to quickly locate a filter by name.

- **Search within a filter dropdown**

When a filter provides multiple selectable values, use the search field inside the dropdown to narrow down the available options.

- **Clear a search**

Click the X icon next to the search field to remove the current search term and restore the full result set.

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Data Storage

oneworkSCAN stores app-specific data within the ETS project and, where applicable, per user. This ensures that filter sets, layout settings, and overview configurations remain available across sessions.

Project-wide persisted data

The following data is stored per project and included in the ETS project file. It remains available when the project is exported and opened on another machine.

- **Custom filter sets** used in both Device Status and Overview
- **Status Cards** added on the Overview page
- **Status result counts** displayed on Status Cards
- **Order of Status Cards**

Per-user persisted data (per project)

The following settings are stored per user and per project. They remain available to the current user within the respective project.

- **Column visibility** in the Device Status table
- **Column order** in the Device Status table

Actions leading to permanent data deletion

The following actions permanently remove stored app data. A confirmation dialog is displayed before deletion is executed.

- Confirm **Reset overview** on the Overview page (removes all custom cards and stored status counts).
- Confirm **Delete** via the **trash bin** icon on a saved filter set entry (removes the filter set and any associated status card).

Need clarification on a Privacy Policy? See [Privacy Policy](#).

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Privacy Policy

Information on data processing, storage, and user privacy protection.

Scope of data processing

oneworkSCAN operates exclusively within ETS and processes technical project data made available through the ETS API.

- KNX device information contained in the ETS project
- Device reachability results generated during diagnostics
- App-specific data (e.g., filter sets, status cards, and layout settings)

No personal data processing

oneworkSCAN does not collect, process, or store personal data. The app does not evaluate user identities, account information, or external data sources.

No external data transmission

The app does not transmit project data to external servers or third parties. All data processing takes place locally within ETS.

Data storage

App-specific data is stored either within the ETS project file or per user, as described in the [Data Storage](#) section.

Data storage and persistence mechanisms are managed by ETS. oneworkSCAN does not access or modify system data outside the ETS environment.

For further information, see [Contact](#).

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Contact

For questions, feedback, or support inquiries, contact onework GmbH.

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Note: Support requests should include the ETS version, oneworkSCAN version, and a concise issue description.

Imprint

Legal information and company details.

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