



SAUTER moduWeb Vision.

The logical path.



The flagship for the automation system: The management level

- The user doesn't come into immediate contact with the technical building services
=> he can't judge the functionality and reliability
- However, he still forms an opinion.
On what basis?
- Acceptance by the end user depends on:
 - Use of the system
 - Acceptance of the solution by the decision-maker

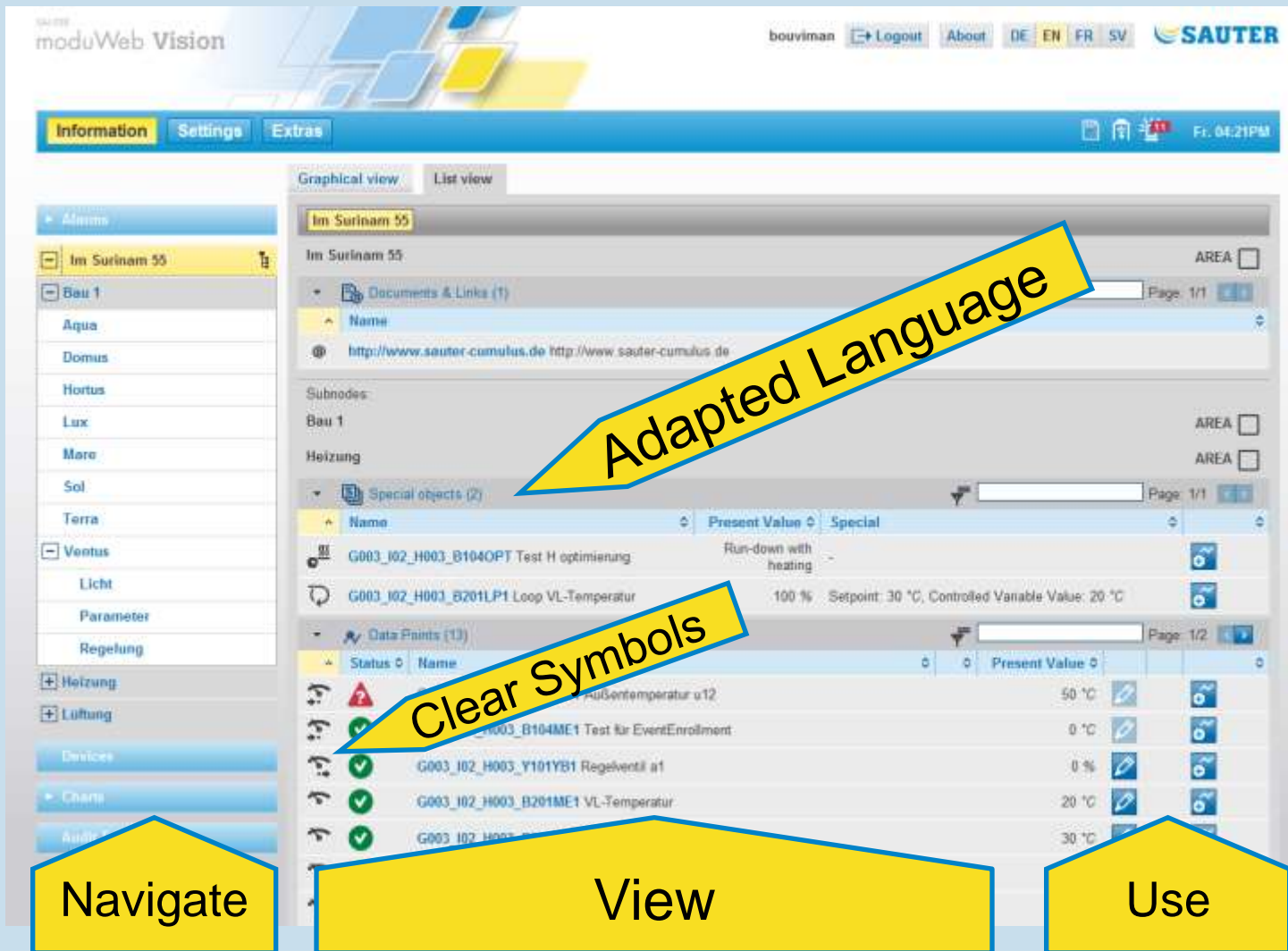


In summary:

a pleasant user interface can be a deciding factor in the successful introduction of a management system

Principles of operation

Clear, consistent operating concept



The screenshot shows the 'moduWeb Vision' interface. At the top, there is a navigation bar with 'Information', 'Settings', and 'Extras' tabs. Below this is a sidebar with a tree view of objects: 'Im Surinam 55', 'Bau 1', 'Aqua', 'Domus', 'Hortus', 'Lux', 'Mare', 'Sol', 'Terra', 'Ventus', 'Licht', 'Parameter', 'Regelung', 'Heizung', 'Lüftung', 'Devices', 'Chans', and 'Audi'. The main content area is titled 'Graphical view' and 'List view'. It displays a tree view of objects under 'Im Surinam 55', including 'Bau 1', 'Heizung', and 'Special objects (2)'. The 'Special objects (2)' section is expanded to show a table of objects with columns for 'Name', 'Present Value', and 'Special'. The table contains the following data:

| Name | Present Value | Special |
|--|-----------------------|---|
| G003_I02_H003_B104OPT Test H optimierung | Run-down with heating | - |
| G003_I02_H003_B201LP1 Loop VL-Temperatur | 100 % | Setpoint: 30 °C, Controlled Variable Value: 20 °C |

Below the table, there is a 'Data Points (13)' section with a table of data points:

| Status | Name | Present Value |
|--------|---------------------------------------|---------------|
| ⚠ | Lufttemperatur u12 | 50 °C |
| ⚠ | G003_B104ME1 Test für EventEnrollment | 0 °C |
| ✅ | G003_I02_H003_Y101YB1 Regelventil a1 | 0 % |
| ✅ | G003_I02_H003_B201ME1 VL-Temperatur | 20 °C |
| ✅ | G003_I02_H003_B201LP1 VL-Temperatur | 30 °C |

Annotations on the screenshot include:

- 'Adapted Language' pointing to the text in the 'Special objects' table.
- 'Clear Symbols' pointing to the status icons (warning and checkmarks) in the 'Data Points' table.
- 'Navigate' pointing to the sidebar tree view.
- 'View' pointing to the main content area.
- 'Use' pointing to the control icons (edit and delete) in the 'Data Points' table.

Principles of operation

User-friendly presentation of information

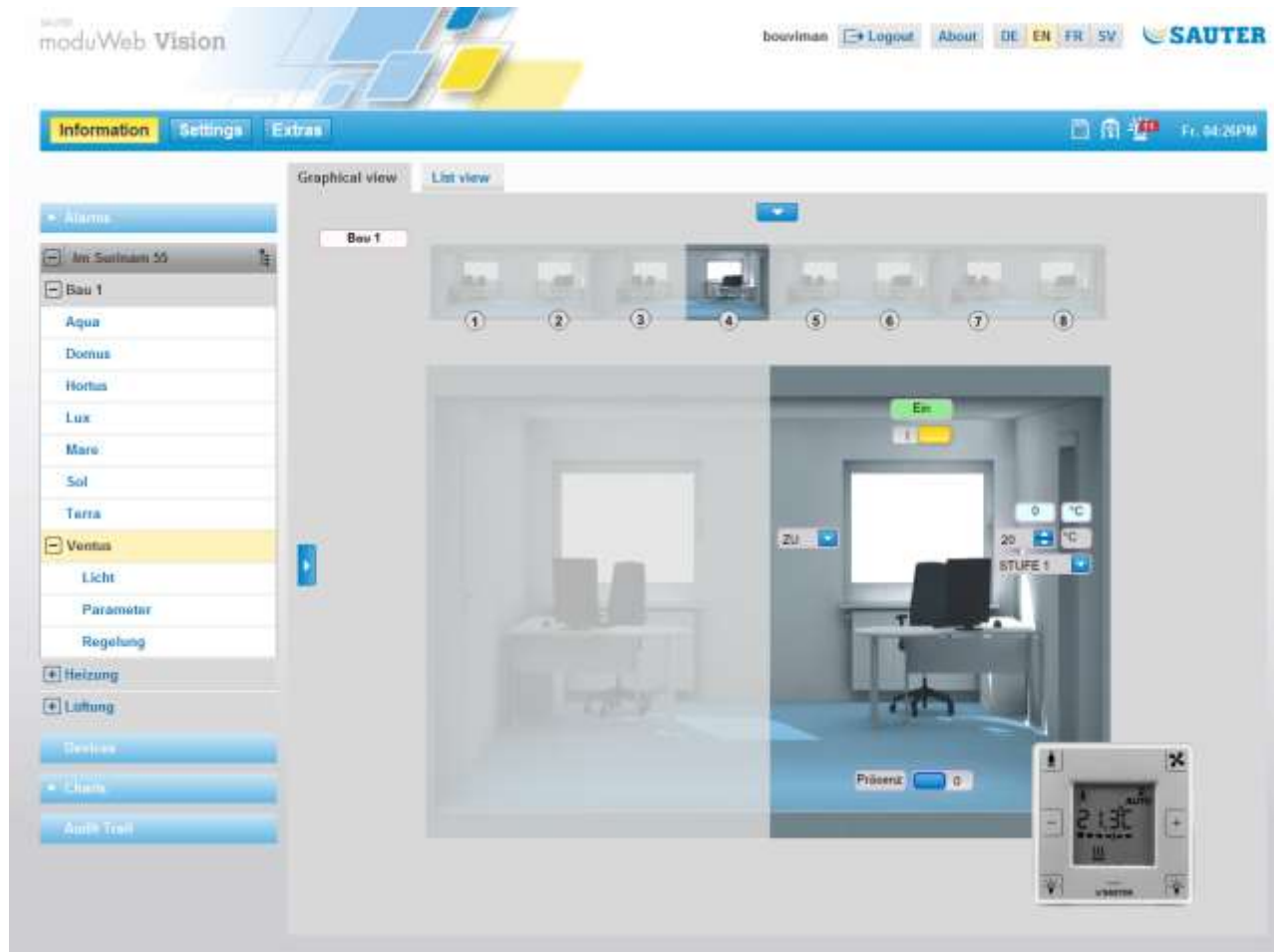
- Adjusted to the knowledge and abilities of the user
"As much as you need, as little as possible"
- Configurable visibility arrangements



Principles of operation

User-friendly presentation of information

Graphical view



Principles of operation

User-friendly presentation of information

As a DIN schematic

The screenshot displays the SAUTER moduWeb Vision web interface. The top navigation bar includes 'Information', 'Settings', and 'Extras'. The main content area is titled 'Graphical view' and shows a schematic diagram of 'Heizgruppe 3'. The diagram includes a boiler, a pump, and a valve, with red and blue lines representing the heating circuit. Control parameters are listed on the left side of the diagram:

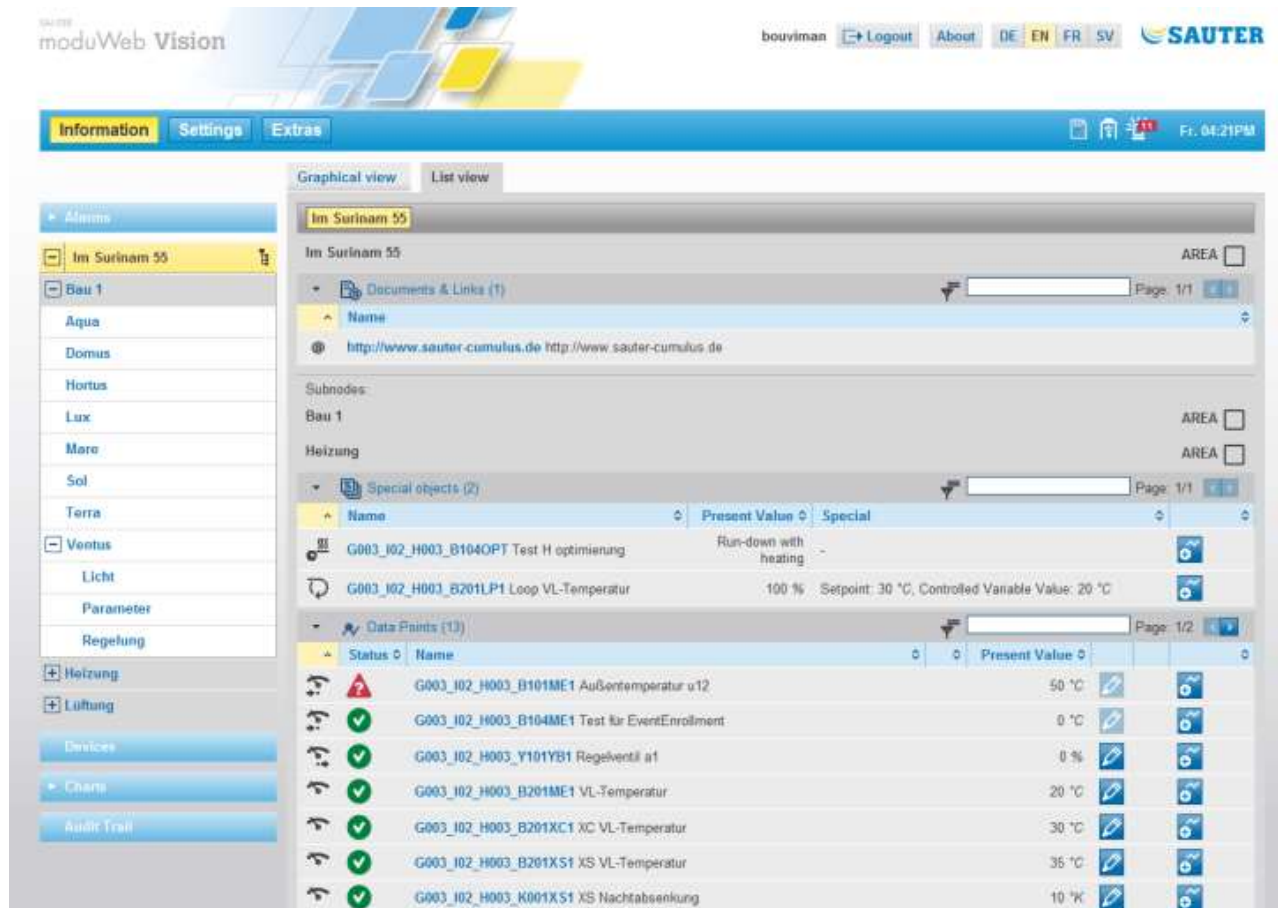
- XS VL-Temperatur: 35 °C
- XS Nachtabsenkung: 10 °K
- XC VL-Temperatur: 30.0 °C
- UW ALL-TPU Dauerlauf: 20 °C

The interface also features a sidebar with a tree view of system components, including 'Alarmer', 'Ventus', and 'Heizung'. The bottom right corner of the interface shows a 'Chart Heizgruppe 3' and a '0' indicator.

Principles of operation

User-friendly presentation of information

As a structured list



The screenshot displays the 'moduWeb Vision' interface. The top navigation bar includes 'Information', 'Settings', and 'Extras'. The left sidebar shows a tree view with 'Im Surinam 55' selected, containing sub-items like 'Bau 1', 'Agua', 'Domus', 'Hortus', 'Lux', 'Mare', 'Sol', 'Terra', 'Ventus', 'Licht', 'Parameter', and 'Regelung'. The main content area is titled 'Im Surinam 55' and shows a structured list of data points under 'Special objects (2)'. The list includes columns for 'Name', 'Present Value', and 'Special'. The data points are as follows:

| Name | Present Value | Special |
|--|-----------------------|---|
| G003_I02_H003_B104OPT Test H optimienung | Run-down with heating | - |
| G003_I02_H003_B201LPI Loop VL-Temperatur | 100 % | Setpoint: 30 °C, Controlled Variable Value: 20 °C |

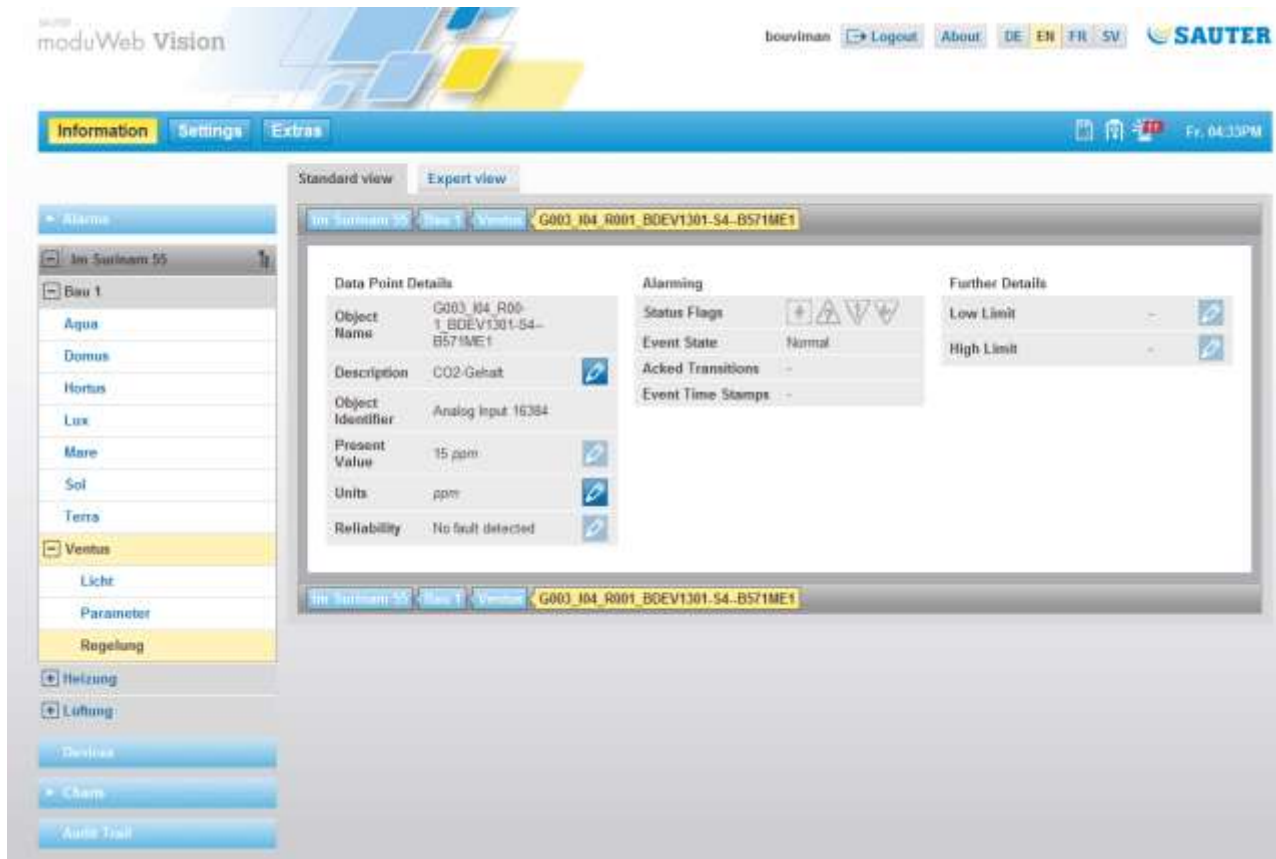
Below this, a 'Data Points (13)' section shows a table with columns for 'Status', 'Name', and 'Present Value':

| Status | Name | Present Value |
|--------|--|---------------|
| ⚠ | G003_I02_H003_B101ME1 Außen-temperatur u12 | 50 °C |
| ✅ | G003_I02_H003_B104ME1 Test für EventEnrollment | 0 °C |
| ✅ | G003_I02_H003_Y101YB1 Regelventil a1 | 0 % |
| ✅ | G003_I02_H003_B201ME1 VL-Temperatur | 20 °C |
| ✅ | G003_I02_H003_B201XC1 XC VL-Temperatur | 30 °C |
| ✅ | G003_I02_H003_B201XS1 XS VL-Temperatur | 35 °C |
| ✅ | G003_I02_H003_K001XS1 XS Nachtabenkung | 10 °K |

Principles of operation

User-friendly presentation of information

Object details



The screenshot displays the 'moduWeb Vision' interface. At the top, there is a navigation bar with 'Information', 'Settings', and 'Extras' tabs. The main content area is divided into a left sidebar and a central panel. The sidebar contains a tree view with categories like 'Alarms', 'In Surinam 95', 'Bau 1', 'Aquä', 'Domus', 'Hortus', 'Lux', 'Mare', 'Sol', 'Terra', 'Ventus', 'Licht', 'Parameter', 'Regelung', 'Heizung', 'Lüftung', 'Devices', 'Cham', and 'Auto Trail'. The central panel shows the 'Data Point Details' for the object 'G003_I04_R001_BDEV1301-S4-B571ME1'. The details are organized into three columns: 'Data Point Details', 'Alarming', and 'Further Details'. The 'Data Point Details' column includes fields for Object Name, Description, Object Identifier, Present Value, Units, and Reliability. The 'Alarming' column includes Status Flags, Event State, Acked Transitions, and Event Time Stamps. The 'Further Details' column includes Low Limit and High Limit. The interface is clean and modern, with a blue and white color scheme.

moduWeb Vision

bouwman Logout About DE EN FR SV SAUTER

Information Settings Extras Fr, 04:35PM

Standard view Expert view

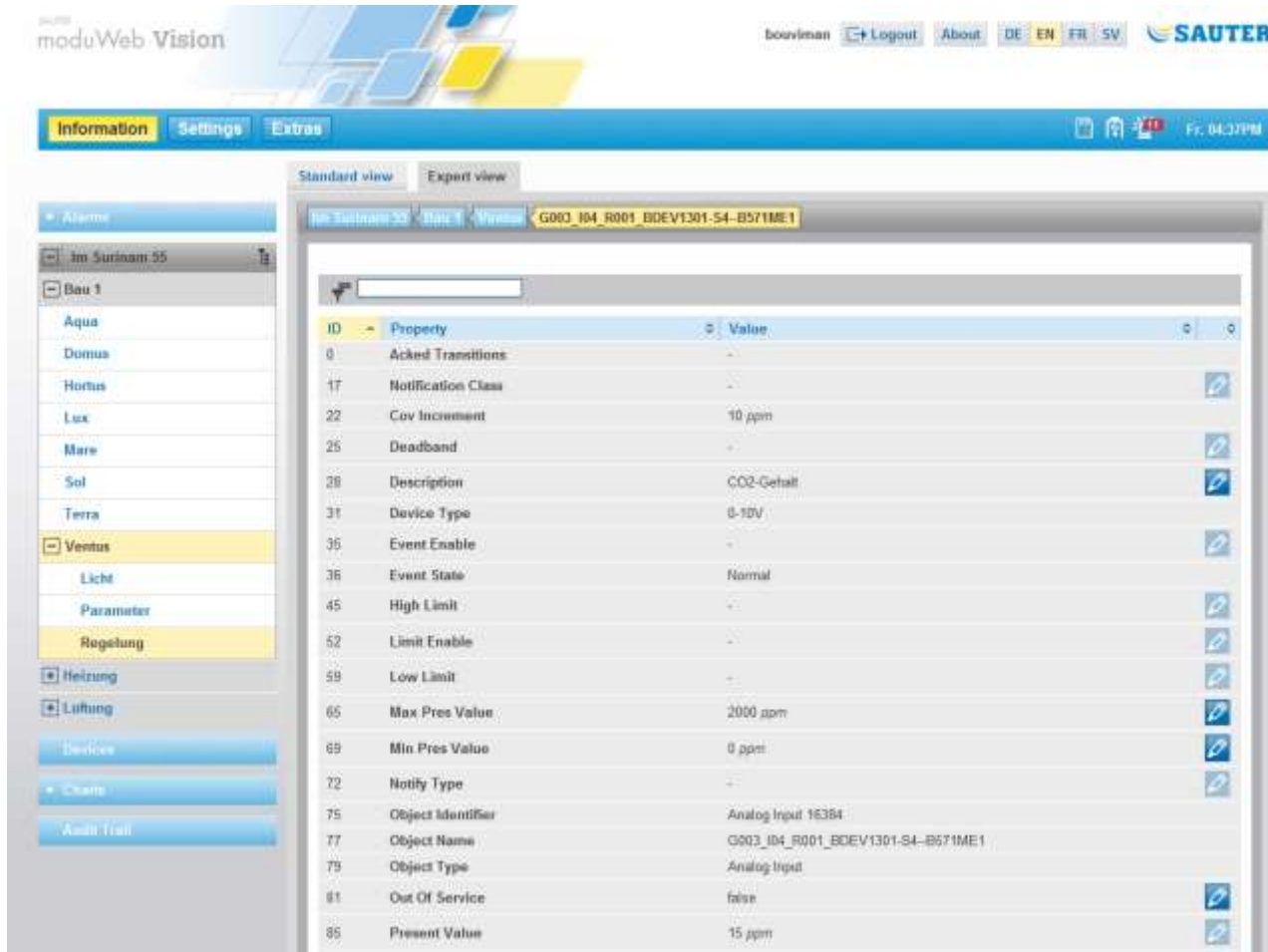
In Surinam 95 Bau 1 Ventus G003_I04_R001_BDEV1301-S4-B571ME1

| Data Point Details | | Alarming | | Further Details | |
|--------------------|-----------------------------------|-------------------|---------|-----------------|---|
| Object Name | G003_I04_R001_BDEV1301-S4-B571ME1 | Status Flags | + - / / | Low Limit | - |
| Description | CO2-Gehalt | Event State | Normal | High Limit | - |
| Object Identifier | Analog Input 16384 | Acked Transitions | - | | |
| Present Value | 15 ppm | Event Time Stamps | - | | |
| Units | ppm | | | | |
| Reliability | No fault detected | | | | |

Principles of operation

User-friendly presentation of information

All BACnet properties



The screenshot displays the 'moduWeb Vision' interface. At the top, there is a navigation bar with 'Information', 'Settings', and 'Extras' tabs. The main content area shows a tree view on the left with categories like 'Alarmer', 'Bau 1', 'Aqua', 'Domus', 'Hortus', 'Lux', 'Mare', 'Sol', 'Terra', 'Ventus', 'Licht', 'Parameter', 'Regelung', 'Heizung', 'Lüftung', 'Devices', 'Care', and 'Audit Trail'. The 'Ventus' category is selected. The main panel shows a table of BACnet properties for the device 'G003_ID4_R001_BDEV1301-S4-B571ME1'. The table has columns for ID, Property, and Value.

| ID | Property | Value |
|----|--------------------|-----------------------------------|
| 0 | Acked Transitions | - |
| 17 | Notification Class | - |
| 22 | CoV Increment | 10 ppm |
| 25 | Deadband | - |
| 28 | Description | CO2-Gehalt |
| 31 | Device Type | 0-10V |
| 35 | Event Enable | - |
| 36 | Event State | Normal |
| 45 | High Limit | - |
| 52 | Limit Enable | - |
| 59 | Low Limit | - |
| 65 | Max Pres Value | 2000 ppm |
| 69 | Min Pres Value | 0 ppm |
| 72 | Notify Type | - |
| 75 | Object Identifier | Analog Input 16384 |
| 77 | Object Name | G003_ID4_R001_BDEV1301-S4-B571ME1 |
| 79 | Object Type | Analog Input |
| 81 | Out Of Service | false |
| 85 | Present Value | 15 ppm |

Principles of operation

Offer additional information

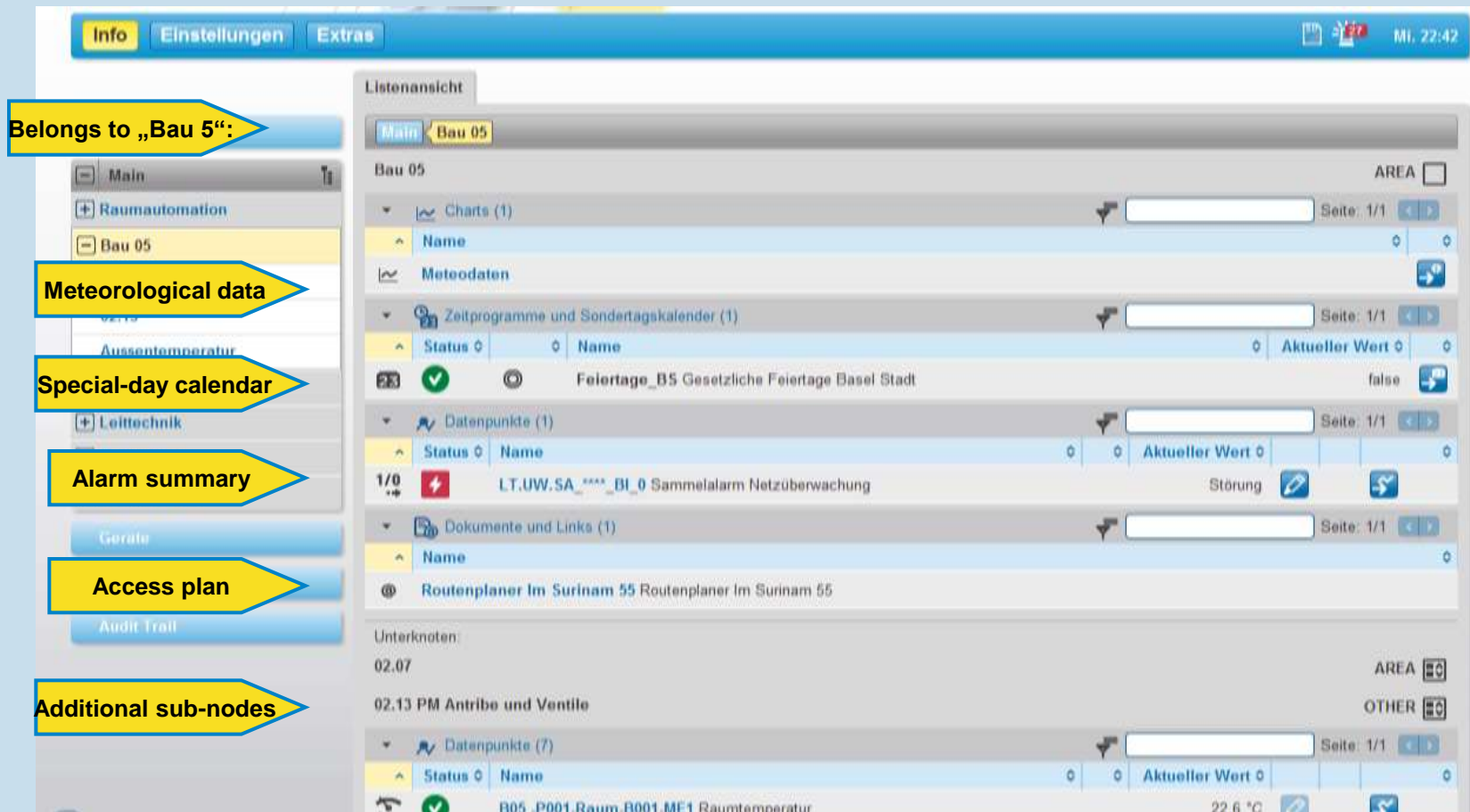
- Documentation
 - System description
 - Service instructions
 - moduWeb Vision Handbook
- Weblinks
 - Documentation
 - Webcam
 - Route planner
 - Non-Sauter systems
- Detailed information



Principles of operation

Collate information

Link additional information with system parts:



The screenshot shows a web-based control interface for a building system. The interface is divided into a navigation menu on the left and a main data view on the right. The navigation menu includes sections for 'Main', 'Raumautomation', 'Bau 05', 'Leittechnik', 'Geräte', and 'Audit Trail'. The main data view displays a list of system components under the heading 'Bau 05'. The components are organized into sections: 'Charts (1)', 'Meteodaten', 'Zeitprogramme und Sondertagskalender (1)', 'Datenpunkte (1)', and 'Dokumente und Links (1)'. Each section contains a table of data points with columns for 'Status', 'Name', and 'Aktueller Wert'. The 'Datenpunkte (1)' section shows a data point named 'LT,UW.SA_****_BI_0 Sammelalarm Netzüberwachung' with a status of '1/0' and a value of 'Störung'. The 'Dokumente und Links (1)' section shows a document named 'Routenplaner Im Surinam 55'. The interface also includes a top navigation bar with 'Info', 'Einstellungen', and 'Extras' buttons, and a status bar at the bottom right showing the date and time 'MI, 22:42'.

Belongs to „Bau 5“:

Meteorological data

Special-day calendar

Alarm summary

Access plan

Additional sub-nodes

Principles of operation

Collate information

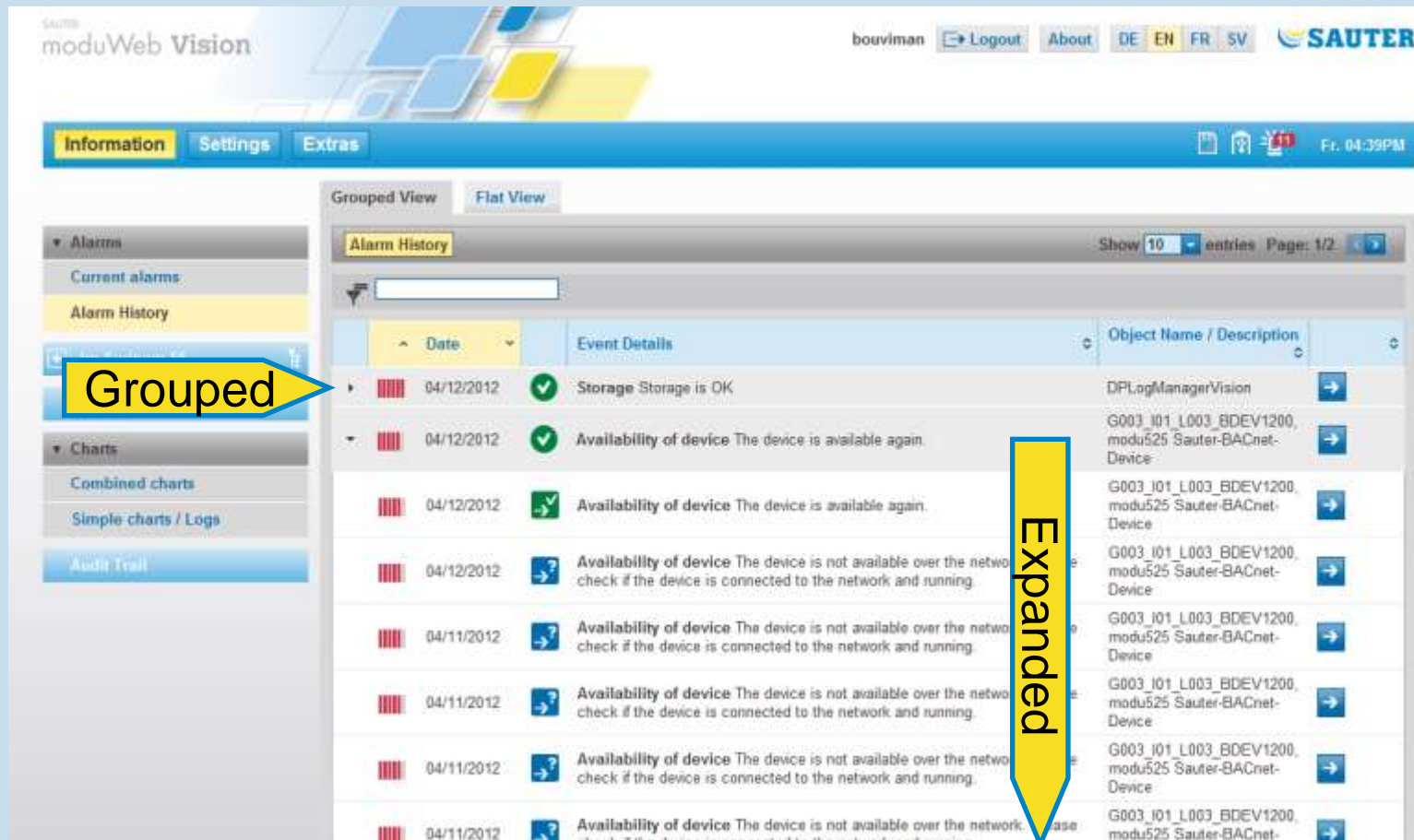
- Combined charts show all data points of a system at once



Principles of operation

Collate information

- Grouped alarm lists



The screenshot displays the SAUTER moduWeb Vision interface. The top navigation bar includes the user name 'bouviman', a 'Logout' button, and language selection options (DE, EN, FR, SV). The main content area is titled 'Alarm History' and shows a table of alarm events. The table has columns for 'Date', 'Event Details', and 'Object Name / Description'. The first row shows a 'Storage' alarm with the message 'Storage is OK' and a green checkmark. The second row shows an 'Availability of device' alarm with the message 'The device is available again.' and a green checkmark. The following rows show 'Availability of device' alarms with the message 'The device is not available over the network...' and a blue question mark icon. A yellow arrow labeled 'Grouped' points to the first row, and a yellow arrow labeled 'Expanded' points to the second row.

| Date | Event Details | Object Name / Description |
|------------|---|--|
| 04/12/2012 | Storage Storage is OK | DPLogManagerVision |
| 04/12/2012 | Availability of device The device is available again. | G003_I01_L003_BDEV1200, modu525 Sauter-BACnet-Device |
| 04/12/2012 | Availability of device The device is available again. | G003_I01_L003_BDEV1200, modu525 Sauter-BACnet-Device |
| 04/12/2012 | Availability of device The device is not available over the network... check if the device is connected to the network and running. | G003_I01_L003_BDEV1200, modu525 Sauter-BACnet-Device |
| 04/11/2012 | Availability of device The device is not available over the network... check if the device is connected to the network and running. | G003_I01_L003_BDEV1200, modu525 Sauter-BACnet-Device |
| 04/11/2012 | Availability of device The device is not available over the network... check if the device is connected to the network and running. | G003_I01_L003_BDEV1200, modu525 Sauter-BACnet-Device |
| 04/11/2012 | Availability of device The device is not available over the network... check if the device is connected to the network and running. | G003_I01_L003_BDEV1200, modu525 Sauter-BACnet-Device |
| 04/11/2012 | Availability of device The device is not available over the network... check if the device is connected to the network and running. | G003_I01_L003_BDEV1200, modu525 Sauter-BACnet-Device |

