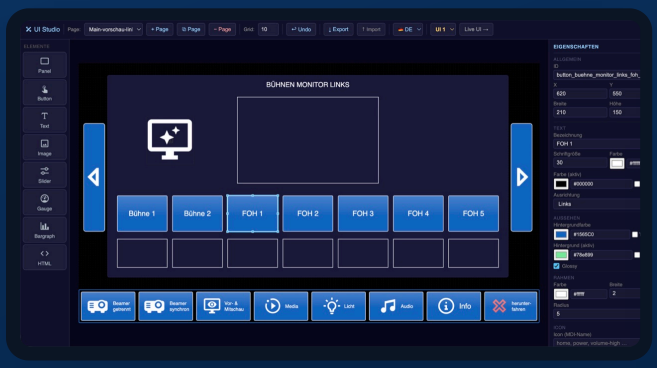
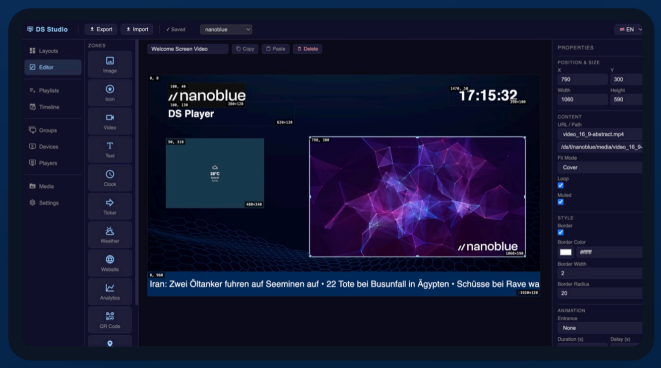
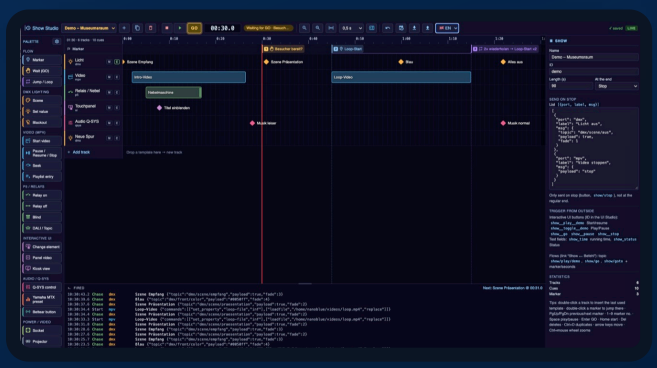
THE NANOBLUE SOFTWARE

19 modules.
All in the browser.

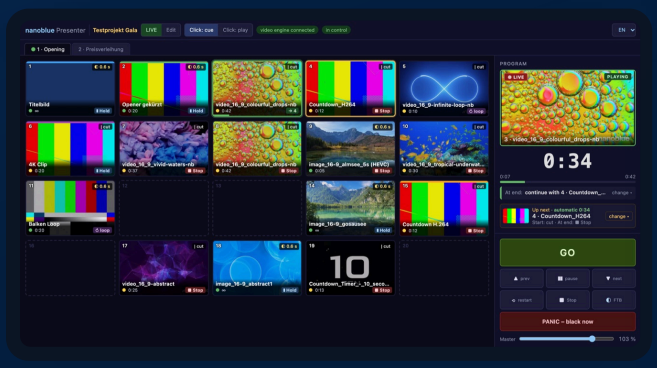
From user interfaces to digital signage and show control to monitoring and alerts: every module solves one task and works together with the others. You take what the project needs.

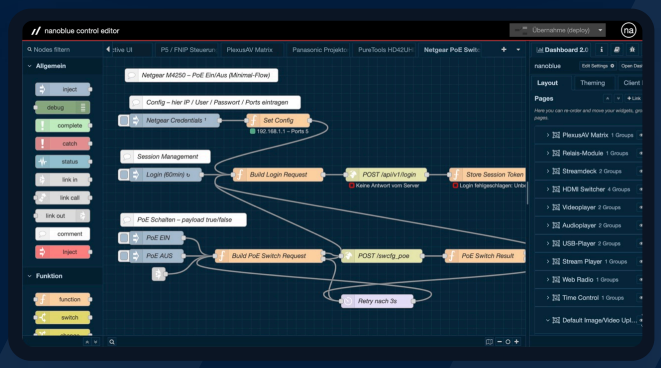












ONE CONSISTENT SYSTEM

Studios to create. Tools to operate.

All modules run in the browser, with no software installation and on any operating system. They share devices, data and access, and can be combined freely.

STUDIOS

UI Studio	User interfaces by drag and drop
DS Studio	Design digital signage content
Connect Studio	From the display to the phone, via QR code
Media Studio	Scheduled video and image playback
Show Studio	Timeline-based show control
Presenter	Play clips live at a click
Vision Studio	Count visitors and analyse spaces
Security Studio	Event recording and alerts

TOOLS AND SERVICES

Admin Backend	Admin dashboards for engineering and service
Admin Editor	Configuration for integrators
AI Assistant	Generate function logic from plain text
Device Analytics	Device monitoring in real time
Room Analytics	Analyze and optimize usage
Room Insights	Room status and environmental data
Notify	Alerts to your phone and browser
Network Scanner	Discover AV networks automatically
NMOS Server	Registry and routing for ST 2110/AVoIP
Voice Control	Voice control for rooms
Live Assets	Equipment management in real time

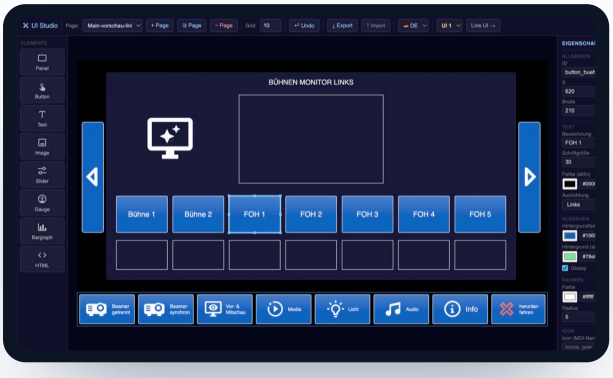
Everything in the browser
Design, program and operate with no installation.

Edge-first
Runs entirely locally, even without internet. The cloud is optional.

Vendor-independent
Open protocols and ready-made plugins from Dante to Q-SYS.

Privacy built in
Anonymous analytics, processing on the device, hosting in the EU.

STUDIOS Design, schedule, play out and analyze



USER INTERFACES BY DRAG AND DROP

UI Studio

Your interface. Your design.

With UI Studio you design user interfaces for touch panels, tablets and browsers: by drag and drop, in your own corporate design, without a single line of code.

Matching devices: **TouchPanel, Media Controller**

Drag and drop editor
Design interfaces visually: buttons, sliders, status, page navigation; with live preview and grid snapping.

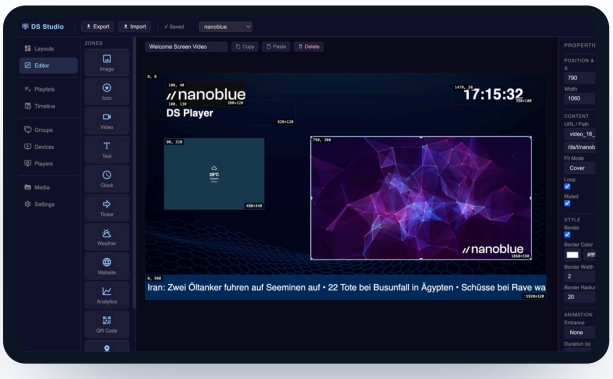
Directly on the device
UI Studio runs locally on controller and player: no installation, a browser is enough.

Live states
Elements show the real device status in real time: not just the last tap.

Corporate design
Colors, logos and layouts fully customizable: your brand, your panel.

Export and import
Export, import and reuse projects: from room to room.

Remote access
Create and adapt via the Cloud Server from anywhere: no VPN, no site visit.



DESIGN DIGITAL SIGNAGE CONTENT

DS Studio

Signage, homemade.

DS Studio is the editor for your signage content: design layouts, schedule content, feed displays: browser-based and without the agency detour.

Matching devices: **Media Player**

Layout editor
Free layouts with text, media and live elements: designed in the browser, in Full HD and 4K.

Event-driven layouts
Layouts without a playlist entry: triggered by sensors, buttons, API or function logic; the playlist resumes afterwards.

Live data
Weather, clock, maps with live positions, dynamically generated QR codes and your own data sources.

Playlists and schedules
Switch content automatically by time of day, weekday or event: portrait or landscape per player.

Display control
Switch displays on and off automatically: via HDMI-CEC, IP or RS-232.

Offline-capable
Content is synchronized to the players: playout continues even without a cloud connection.

STUDIOS Design, schedule, play out and analyze



FROM THE DISPLAY TO THE PHONE, VIA QR CODE

Connect Studio

Scan. Explore. At your own pace.

Connect Studio brings your display content to the phone: a QR code on the display opens a dedicated guest interface in the browser: no app, no sign-up. Visitors browse on their own while the big screen keeps running undisturbed.

Matching devices: **Cloud Server**

No app

Scanning with the phone camera is all it takes. The guest interface opens right in the browser, no download, no sign-up.

Display stays undisturbed

Every visitor browses on their own phone. The big screen keeps running unchanged for everyone else.

Designed in UI Studio

Dedicated portrait guest pages, drag-and-drop and in your corporate design: in the same tool as the display interface.

Rotating code

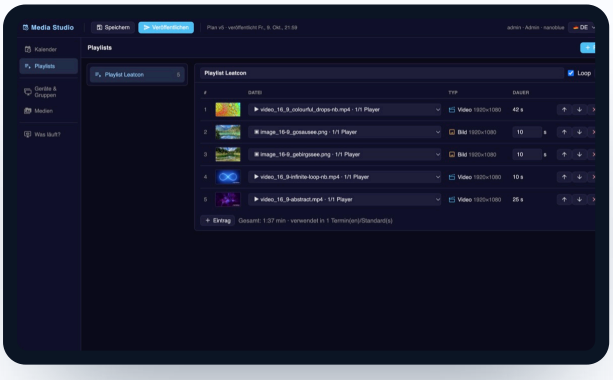
A new QR code every minute, valid for three minutes. Whoever gets in was standing in front of the display.

Guest interface only

The Cloud Server checks every request: control, configuration and administration stay locked for guests.

Limited sessions

Guest access expires automatically and the device address never appears in the link. Enabled per device.



SCHEDULED VIDEO AND IMAGE PLAYBACK

Media Studio

The right content. At the right time.

With Media Studio you schedule video and image content for your nanoblue Media Players centrally in the browser: at the right time on the right screen, for one player or for hundreds.

Matching devices: **Media Player, Cloud Server**

Drag-and-drop calendar

One-off and recurring events, holidays and priorities: the weekly schedule comes together in minutes.

Playlists and volume

Playlists of videos and images, volume per event: from a whisper in the foyer to trade-fair level.

Groups and publishing

Manage players in groups and click “Publish” once. Distribution to all players runs automatically, with checksums.

Central media library

Uploads with preview thumbnails and automatic conversion to the right resolution: upload once, use everywhere.

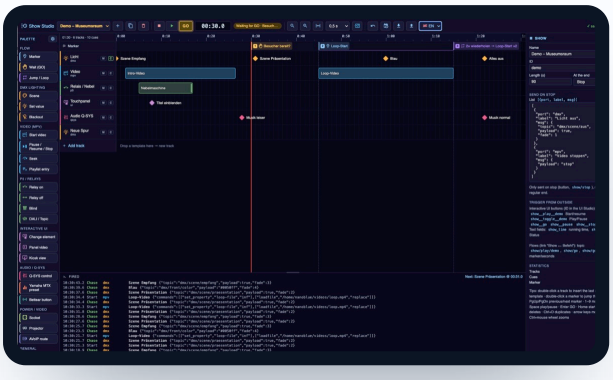
Content check

Every item is checked against the actual screen (portrait or landscape, resolution, codec) before something runs wrong.

Offline-safe

Players keep playing their schedule on their own and resume at exactly the right position after a restart. Full screen via HDMI with hardware decoding.

STUDIOS Design, schedule, play out and analyze



TIMELINE-BASED SHOW CONTROL

Show Studio

The whole show on one timeline.

Show Studio is the show control of the nanoblue platform: lighting, video, audio and equipment live as cues on tracks: designed in the browser, played back right on the device, precisely on time.

Matching devices: **Media Controller, Media Player**

Timeline editor

Tracks and cues via drag-and-drop, templates for every discipline, duration and position freely adjustable: all in the browser.

Waiting for GO

Wait markers hold the show until visitors or staff give the GO: via button, NFC or user interface.

Loops and jumps

Sections repeat endlessly or n times: ideal for attract loops that continue at the press of a button.

Every discipline

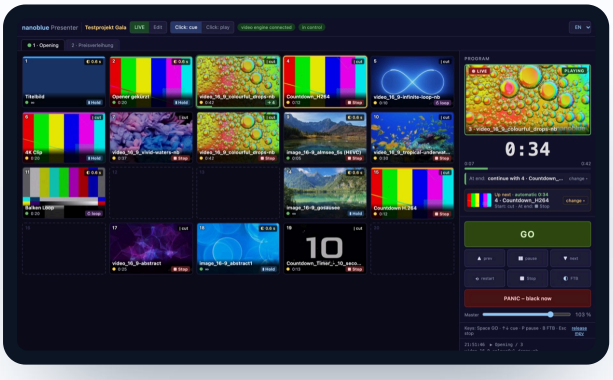
Lighting (DMX/DALI), relays and blinds, video, audio, projectors, AVoIP, power outlets, HTTP and MQTT: vendor-independent.

Schedule

Shows start and stop automatically by time and weekday. The exhibition opens itself.

Runs on the device

Playback runs directly on the Media Controller or Media Player: independent of the internet connection; with simulation for testing without hardware.



PLAY CLIPS LIVE AT A CLICK

Presenter

One click. And the clip is on.

nanoblue Presenter turns a Media Player into a clip player for live operation: videos, images and graphics wait in palettes and go out over HDMI at a click, from the keyboard or a Stream Deck: no separate playback PC required.

Matching devices: **Media Player**

Palettes and slots

Up to 20 palettes with up to 64 slots, colours, thumbnails and gaps: filled by drag-and-drop, exportable and importable as a project.

Live operation

GO, previous/next, pause, stop, Fade to Black and PANIC: large remaining-time display, level per clip in dB plus master, keyboard shortcuts for everything.

Transitions and end

Cut or fade through black; at the end stop, hold, loop or start the next slot: visible at a glance on every slot.

Change “Up next” live

Pick from all palettes with search. The running clip plays on undisturbed, and its end action can be changed for this run only.

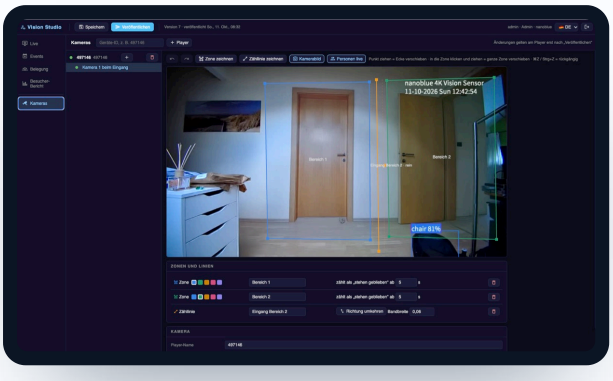
Media with traffic light

Upload by drag-and-drop, take over files already on the player or fetch them from the library and convert to HEVC. The traffic light shows what plays smoothly.

Stream Deck and automation

Operate via Companion and Stream Deck; Show Studio, buttons or schedules control Presenter directly on the device.

STUDIOS Design, schedule, play out and analyze



COUNT VISITORS AND ANALYSE SPACES

Vision Studio

Know what happens on your floor.

Vision Studio turns the data from nanoblue Vision Sensors into insight: count visitors, show occupancy, understand spaces: anonymous, privacy-friendly and central in the browser.

Matching devices: **Vision Sensor, Cloud Server**

Zones and counting lines
Set up with a few clicks: draw lines and zones directly onto the camera still image: no programming.

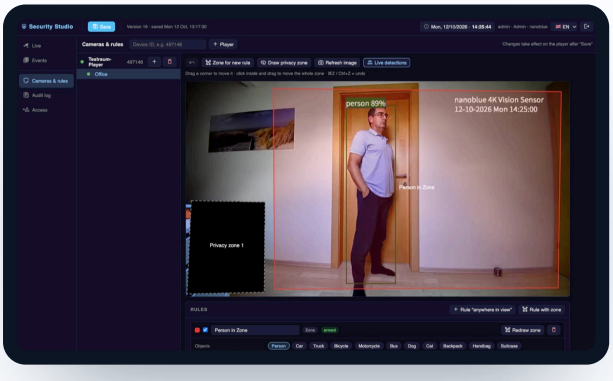
Visitor report
Visitor numbers and dwell time per day and period: the honest analysis for booths, exhibitions and retail floors.

Occupancy traffic light
Live display of whether there is still room: as its own page or in the Interactive UI, offline-capable right on the device.

Anonymous by design
Only numbers leave the device, never images. Anonymous track numbers vanish after seconds, no re-identification.

Camera health
The studio monitors the Vision Sensors too. Issues are visible immediately, before data goes missing.

Audience analytics
How many people saw which content? Contacts and dwell time per playback: with ranking, A/B comparison and proof of play.



EVENT RECORDING AND ALERTS

Security Studio

Record when it matters.

Security Studio turns the nanoblue Vision Sensors into event-based video security: rules per camera, clips with pre-event footage, alerts via Notify: with privacy built in.

Matching devices: **Vision Sensor**

Rules per camera
Person or motion in zones, area entered after closing time: armed and disarmed by schedule or button press.

Clips with lead-up
The ring buffer on the device keeps the seconds before. The clip shows the whole event, not just the reaction.

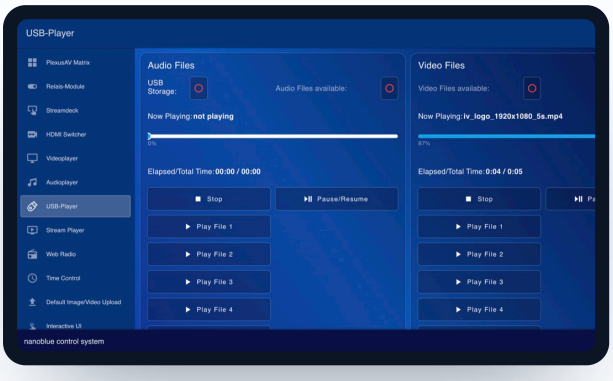
Event log
Time, camera, rule and preview image, filterable: view and download clips right in the browser.

Privacy built in
Private zones in detection and recording, no audio recording, automatic deletion after 72 hours: incidents protected until released.

Access log
Who viewed or downloaded which clip and when is recorded and cannot be erased.

Alerts via Notify
Events reach the right recipients via Telegram and browser push: with its own, separate studio access.

TOOLS AND SERVICES Program, monitor and operate



ADMIN DASHBOARDS FOR ENGINEERING AND SERVICE

Admin Backend

Full control for the admin.

The Admin Backend is the technical operating layer of every nanoblue device: administrators build their own interfaces for manual operation here: from relay testing to playlist management.

Matching devices: **Media Player**

Your own admin interfaces
Assemble dashboards for manual operation freely: per project and device.

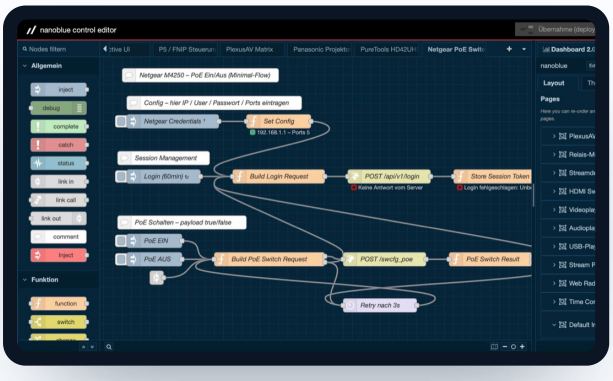
Manual intervention
Switch relays, test NMOS connections, check states: straight from the dashboard.

System and network
Configure system and IP settings directly on the device.

Manage media
Define playlists, upload media files, configure streams.

Scheduler
Set up schedules and recurring sequences.

Clear separation
Interactive UI for users, the Admin Backend for engineering.



CONFIGURATION FOR INTEGRATORS

Admin Editor

Configure instead of program.

The Admin Editor is the tool for integrators and technical teams: configure devices, logic and interfaces of the nanoblue platform: structured, traceable, no specialist knowledge required.

Matching devices: **Media Controller**

Graphical logic
Sequences visibly wired instead of hidden in code.

Device setup
Interfaces, addresses and parameters maintained centrally.

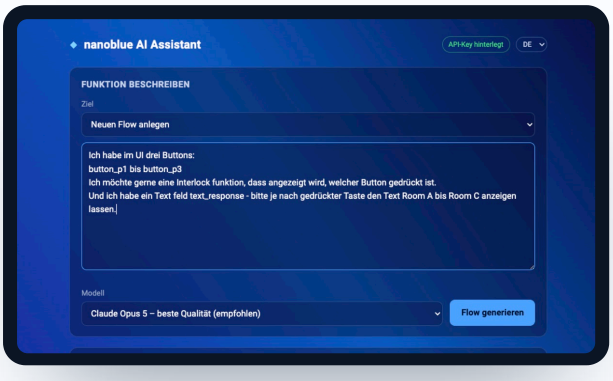
Two editors in one
Wire function logic via drag and drop or write it as text, whichever is faster.

Program with AI
Function logic can also be created with AI, which reduces the effort enormously.

Templates
Reuse proven building blocks: faster to the finished project.

Remote maintenance
Configuration also remote: via secure platform access.

TOOLS AND SERVICES Program, monitor and operate



GENERATE FUNCTION LOGIC FROM PLAIN TEXT

AI Assistant

Describe instead of program.

The nanoblue AI Assistant creates function logic from a simple description: you write what should happen: the AI builds the finished sequence, right on the device.

Matching devices: **Media Controller**

Describe instead of program
A sentence becomes a finished sequence: with preview and summary before import.

Knows your device
Automatically takes existing sequences, interfaces and your UI elements into account.

Change on request
Evolve existing sequences by description: with a change history per sequence.

Active immediately
Import during running operation: no restart, no interruption.

Knowledge base
Project and device documentation as knowledge files: included in every generation.

Your own AI account
Token costs run through your Anthropic account: no subscription, full control.



DEVICE MONITORING IN REAL TIME

Device Analytics

Every device in view.

Device Analytics monitors every device in your installation: load, temperature, network and services: live and as history, with alerts before anything fails.

Matching devices: **Cloud Server**

Live vitals
CPU, temperature, memory, network and services in real time.

History
Time series instead of snapshots: spot trends and creeping faults.

Alerts
Define thresholds, receive notifications automatically.

Fleet overview
All devices at a glance: grouped by site, customer or project.

Remote access
Straight from alert to diagnosis: no on-site visit.

Reports
Documented availability and health: ideal for service contracts.

TOOLS AND SERVICES Program, monitor and operate



ANALYZE AND OPTIMIZE USAGE

Room Analytics

Understand rooms. Optimize space.

Room Analytics evaluates how your rooms are really used and delivers the numbers for better decisions on space, equipment and operations.

Matching devices: **Vision Sensor, Cloud Server**

Occupancy analysis
Utilization by room, time of day and weekday: clearly evaluated.

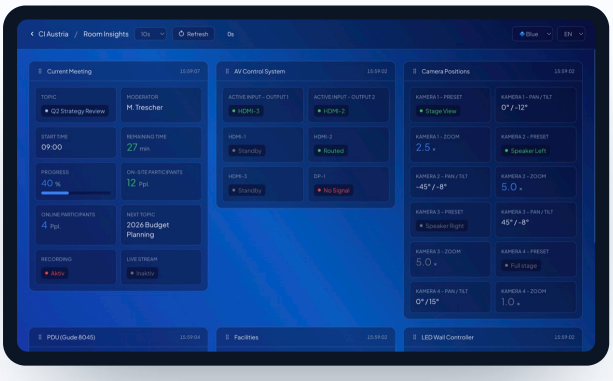
Trends
Recognize usage patterns over weeks and months.

Anonymous
Counting instead of identifying: consistently privacy-friendly.

Comparisons
Compare rooms, floors and sites.

Reports
Evaluations for facility management and decision-makers: exportable.

Live + history
From today to year-over-year comparison.



ROOM STATUS AND ENVIRONMENTAL DATA

Room Insights

The room, in numbers.

Room Insights consolidates the state of every room: occupancy, climate, technology status: live on one dashboard, for operations and facility management.

Matching devices: **Vision Sensor**

Live room status
Occupancy, technology and environment as one clear status per room.

Sensor integration
Presence, temperature, air quality and more: vendor independent.

Technology check
AV status per room: what's running, what's not, what needs attention.

Multi-room
From individual rooms to entire building portfolios.

Open data
All values are available to the platform and third-party systems.

Analytics foundation
Provides the raw data for Room Analytics and reports.

TOOLS AND SERVICES Program, monitor and operate



ALERTS TO YOUR PHONE AND BROWSER

Notify

Know before anyone calls.

Notify is the central notification service of the nanoblue platform: messages from devices, rooms and studios reach exactly the right recipients via Telegram or browser push.

Matching devices: **Cloud Server**

Telegram and browser push

Alerts to your phone and browser: on iPhone and iPad as a web app. E-mail prepared as an additional channel.

Filters per recipient

By level, source and tenant. Customer chats only see their own installation, the tech team sees everything.

All-clear included

“Back online” automatically goes to exactly those recipients who received the warning.

No alert flood

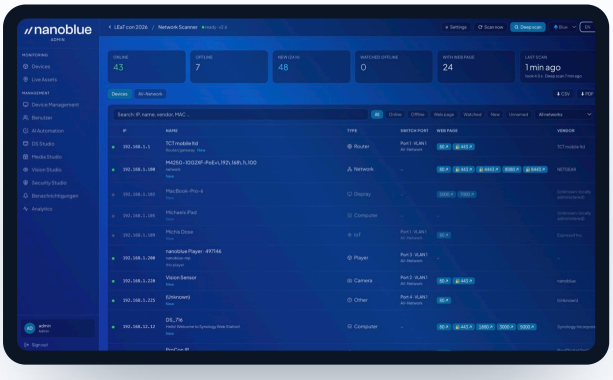
The same condition is not repeated every minute. Notify suppresses repetitions automatically.

Platform-wide

Devices offline/online, Vision Studio, Room Insights and custom logic reports with a single line.

In the nanoblue portal

Settings page in German and English: recipients, filters and tests set up in minutes.



DISCOVER AV NETWORKS AUTOMATICALLY

Network Scanner

The network. Uncovered.

The Network Scanner automatically discovers what's in your AV network: devices, addresses, services and reachability: a living inventory instead of an outdated spreadsheet.

Matching devices: **Cloud Server**

Auto-discovery

Find and identify devices on the network automatically.

Living inventory

IPs, vendors, services: always current instead of documented once.

Change detection

New and missing devices immediately visible.

Open device web directly

Open the web interface of connected devices remotely and change settings: secured through the platform, no VPN.

Switch management

Configure and monitor Netgear AV Line switches: per port link, bandwidth and PoE, including PoE switching for targeted restarts.

Alerts via Notify

Device offline, back online or new on the network: messages reach the admin directly via Telegram and browser push.

TOOLS AND SERVICES Program, monitor and operate



REGISTRY AND ROUTING FOR ST 2110/AVOIP

NMOS Server

Order in the media network.

The nanoblue NMOS Server brings structure to professional media networks: registry, discovery and connection management according to AMWA IS-04/IS-05: with a clear user interface.

Matching devices: **Media Controller**

IS-04 registry
Central registration and discovery of all NMOS-capable devices.

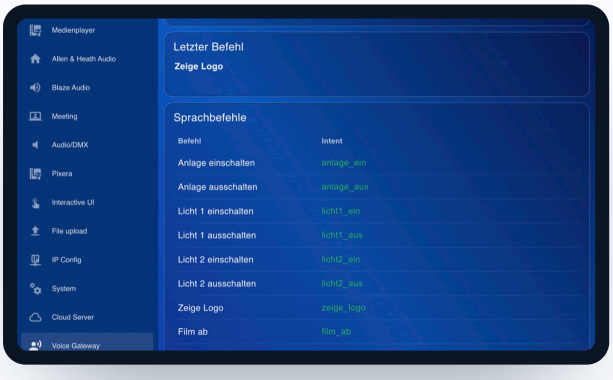
IS-05 routing
Reliably switch connections between senders and receivers.

Clear interface
Routing matrix with meaningful names instead of cryptic IDs.

Cross-vendor
Connects NMOS equipment from a wide range of vendors.

Platform integration
Trigger routings from control logic and user interfaces.

Monitoring
Registrations and connection states always in view.



VOICE CONTROL FOR ROOMS

Voice Control

Tell the room what to do.

nanoblue Voice Control makes rooms responsive: start the presentation, dim the lights, end the meeting: by voice command, processed locally, with no cloud eavesdropping.

Matching devices: **Voice Gateway, Media Controller**

Local processing
Speech recognition on the device: no audio streams to the cloud.

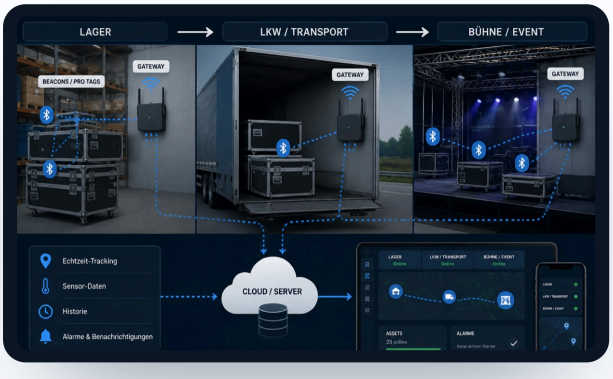
Custom commands
Define commands freely and link them to platform sequences.

Wake word
The room only listens when addressed.

Far-field microphone
360° microphone array with beamforming, echo and noise suppression: understands speech across the room up to 5 m.

Combinable
Complements panels and buttons, replaces them where it makes sense.

Accessible
Operation without display and without touch.



EQUIPMENT MANAGEMENT IN REAL TIME

Live Assets

Your equipment. Live.

Live Assets is the software behind nanoblue Asset Tracking: inventory, positions and history of your equipment: live, searchable and interlinked with your event planning.

Matching devices: **Asset Tracking, Cloud Server**

Live inventory

Every tagged item with position, status and battery level: no manual scanning.

Search and filters

Search by name, gateway or group: filter by shock, open contact or low battery.

Automatic logistics

Gateway changes set the logistics status by themselves: from load-out to storage.

Return check

When closing an event, a live dialog shows whether everything is back. Anything missing stands out.

History and conflicts

A complete usage history per item and warnings about double bookings during planning.

Multi-tenant

Every customer sees only their own gateways, tags and projects.

What this means for system integrators

- **One toolbox:** the same modules from a single room to an entire installation.
- **Finished faster:** templates, graphical logic and the AI Assistant save programming time.
- **Fewer site visits:** commissioning, changes and service from the office.
- **Open to what exists:** plugins and protocols integrate the devices that are already there.

THE NEXT STEP

See the software live in the browser.

We are happy to show you the modules using a specific project: by video call, at your site or at our office.

ALL MODULES AND DOCUMENTS

www.nanoblue.at

Product pages for every module, functional descriptions to download, and references.

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