NANOBLUE DIGITAL SIGNAGE

Displays that work for you.

nanoblue Digital Signage brings your content to displays, steles and video walls: designed in your own look, centrally managed and reliably played out.



ONE CONSISTENT SYSTEM

Design, play out, manage. All from one source.

Content is created in DS Studio, Media Players or Media Controllers handle the playout, and the platform keeps the overview. Reception display, door sign, menu board or video wall: everything runs through one management.



1

Design

Layouts, playlists and schedules are created in DS Studio right in the browser, with no software installation.

2

Play out

Media Player and Media Controller play the content locally, even if the network is down for a while.

3

Manage

Through the Cloud Server you maintain content centrally and see the state of every player.

Your own content

Layouts and playlists in DS Studio, designed in-house with no agency needed.

Central management

All displays, groups and schedules in one place.

Reliable players

24/7 playout, offline-capable and with monitoring.

Any format

Landscape, portrait or video wall, in Full HD and native 4K.

Live elements

Weather, calendars and data from your systems, always up to date.

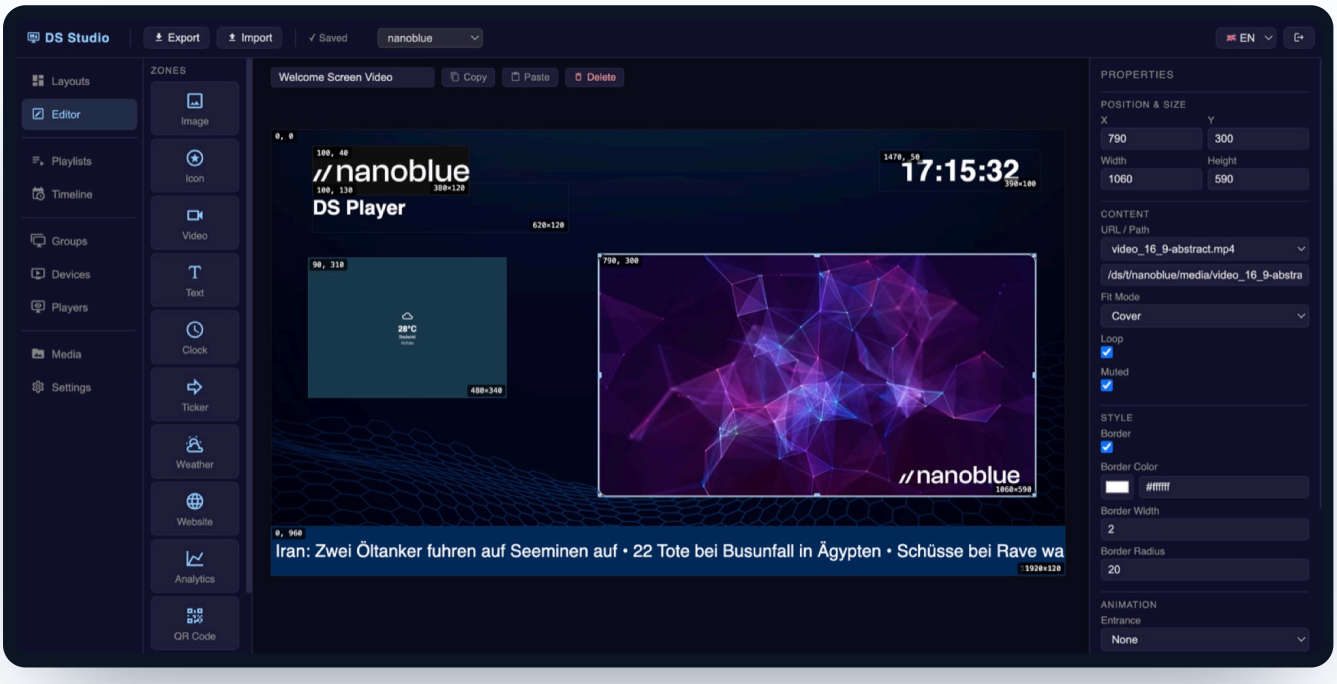
Self-hosted

On request, entirely on your own infrastructure.

THE EDITOR FOR YOUR CONTENT

DS Studio: signage, homemade.

Design layouts, schedule content, feed displays: browser-based, in your own design and without the agency detour.



The layout editor in DS Studio: place objects, set properties, see the preview.

From layout to display

Layouts
Pages made of freely placed objects

Playlists
Order and duration of the layouts

Schedule
Which playlist runs when

Groups
Feed players together

Players
One display or hundreds

Layout editor

Free layouts with text, media and live elements, with a preview right in the editor.

Playlists and schedules

Content switches automatically by time of day, weekday or event.

Any resolution

Full HD, 4K, landscape or portrait: the size is set per layout and the player scales to fit.

Transitions

Fade in, crossfade, slide in four directions or zoom, selectable per layout.

Fast working

Multi-select, copy and paste. The interface is available in English, German and Spanish.

Display control

Displays switch on and off automatically: via HDMI-CEC, IP or RS-232.

FEATURES

Twelve objects. Freely combined.

A layout consists of objects that you place freely on the canvas. Many of them show live data and keep your displays current without any effort.

01

Image

Photos, graphics and logos from the media library, with fit, opacity and frame.

02

Video

Videos from the media library, looped, with or without sound, placed freely in the layout.

03

Text

Headlines and body text in your own design. Placeholders fill automatically with live values.

04

Clock and date

Time and date in a freely selectable format.

05

Ticker

Scrolling text with your own copy or straight from an RSS feed, for news for example.

06

Weather

Current weather for the selected location.

07

Icon

Symbols from a large library. If desired they change with a state, such as free or occupied.

08

Web page

Web pages and embedded content as part of the layout.

09

Analytics

Charts and key figures from the platform, such as energy, occupancy or device data.

10

QR code

Fixed or generated dynamically, for example for Auracast streams and documents. In your own colors.

11

Map

Maps in seven styles, with weather overlay and pins. Pins can show live positions.

12

Camera

Still image from an IP camera, refreshed automatically at the set interval.

Offline-capable by default.

Layouts and media are synchronized to the players. Playout continues even without a cloud connection, and QR codes are generated right on the player.

MORE THAN A PLAYLIST

The display shows what matters now.

Layouts can be transferred to the players without appearing in a playlist. An event calls them up: the playlist pauses, the layout appears, and afterwards playback resumes at the same position.



Live dashboard on the display: values, icons and charts come straight from the installation.

1

Trigger

Sensors, push buttons, NFC, a schedule, an interface or the function logic on the device give the signal.

2

Response

The player switches to the matching layout at once or fills text, icons and QR codes with new values.

3

Back

When the event is over, the regular program continues without anyone having to step in.

Examples from practice

- **Welcome:** the next appointment or guest appears on the reception display.
- **Notice and alarm:** a message takes over all displays until it is acknowledged.
- **Live values:** energy, occupancy or waiting time are always current in the layout.
- **Accessible audio:** the QR code for the running Auracast stream is generated automatically.

THE DEVICES AT THE DISPLAY

Two devices. One signage player.

Media Player and Media Controller play out the content from DS Studio. Both work locally, around the clock, and are managed centrally.



Media Player

The signage player for video and images in 4K. It also plays local media, USB content and streams and can control display and room technology when needed.



Media Controller

The room's control center shows signage, too. Ideal when room control and info display should come from one device.

4K, portrait and landscape

Playback up to 4K with hardware acceleration, in portrait and landscape.

Offline-capable

Content is stored on the device. After a restart the program resumes on its own.

In sync

Players with the same playlist run in step, for example three displays above the counter.

Display control

Switching on and off by schedule via HDMI-CEC, IP or RS-232.

Monitoring

Device status and faults live in Device Analytics, with alerts on your phone.

Remote maintenance

Change content and settings remotely, with no port forwarding and no VPN.

HARDWARE	
Dimensions	8 × 6 × 4 cm, fits behind any display
Storage	256 GB SSD for layouts and media
Network	Ethernet and Wi-Fi
Operation	Linux, built for 24/7 continuous operation

SOFTWARE	
Content	DS Studio, Media Studio, Presenter
Management	Cloud Server, Device Analytics, Notify
Control	Browser, Stream Deck, REST/MQTT
Extensions	Vision Sensor, NFC Link, TouchPanel

GROWS WITH YOUR REQUIREMENTS

From playlist to dialog.

Every stage builds on the same hardware and the same DS Studio. You start with classic signage and extend it when the project calls for more.



STAGE 1

Digital Signage

Content on displays, steles and video walls, designed in your own look and managed centrally.

- Layouts, playlists and schedules
- From a single display to a network



STAGE 2

Interactive Signage

Visitors control content by touch, NFC or gesture. Afterwards the display switches back on its own.

- Wayfinding, catalogs, check-in
- Content to the smartphone via NFC



STAGE 3

Intelligent Signage

The Vision Sensor measures anonymously how many people see a display. Content responds to its audience.

- Reach, dwell time, A/B comparison
- No images, only numbers



STAGE 4

Adaptive Signage

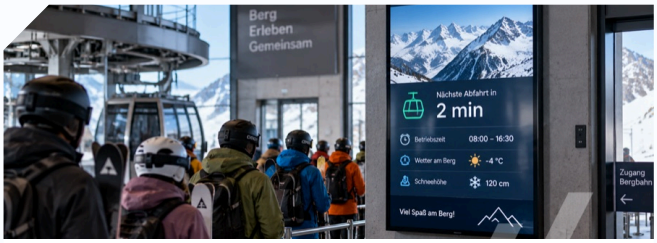
Rules decide which content appears when: driven by occupancy, weather, calendar or inventory.

- If-then logic without programming
- Default content if a data source is missing

READY TO GO

Four packages. For every starting point.

Players, displays and DS Studio as a complete package, with bill of materials, documentation and wiring plan.



RECEPTION · SHOP WINDOW · WAITING AREA

Single display

One display, one Media Player, content from DS Studio. Signage up and running in an hour.

- 55" display (4K) with Media Player
- Optionally in portrait for poster layouts



FOYER · TRADE FAIR · SALES FLOOR

Stele / kiosk

A free-standing portrait stele: as an info point, a signpost or, with touch, an interactive kiosk.

- 55" indoor stele, optionally with touch
- Vision Sensor detects whether someone is in front



RESTAURANT · CANTEEN · BAKERY

Menu board

Three displays above the counter. Breakfast, lunch and dinner menus switch automatically.

- Three 50" displays, played in sync
- Prices changed in minutes, across several branches



5 DISPLAYS AND UP · ACROSS SITES

Multi-display rollout

Uniform players, central management and monitoring, scalable to many sites.

- New site: unpack, plug in, assign
- Bill of materials and wiring plan per site

Typical applications

Reception and foyer · Shop window · Waiting area · Door sign · Menu board · Wayfinding · Trade fair booth · Museum and exhibition · Showroom · Staff information · Production and control room · Hotel and cable car

THE NEXT STEP

Put your displays to work.

We are happy to show you DS Studio and the signage players using a specific project: by video call, at your site or at our office.

DIGITAL SIGNAGE ON THE WEBSITE

www.nanoblue.at

Product pages, the four signage packages with bill of materials, and functional descriptions to download.

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