RIVANO

STiNO

Connected Experience Platform

Smart visualization made simple

Digital Signage · Menu Boards · Video Walls · Kiosk & POS

Queueing & Calling System · ESL · Wayfinding · Room Booking · IPTV

Product and application overview

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Application Areas

Rivano combines digital communication and interactive on-site processes in one platform.

01 Digital Signage
Classic signage applications

02 Menu Boards
Dynamic menus, prices and promotions

03 Video Walls
Multiple displays on a shared timeline

04 Self Order Terminals
Ordering and cart management at the terminal

05 Self Checkout Terminals
Cart management and contactless payment

06 Queueing & Calling
Tickets, QR check-in and call display

07 Electronic Shelf Labels
ESL content and device distribution

08 Wayfinding
Destination selection, routing and mobile handoff

09 Room Occupancy & Booking
Status, calendar and booking handoff

10 IPTV
Hospitality, sports bars and live TV

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APPLICATION AREA 01

Digital Signage

Classic signage applications for information, advertising and internal communication.

01 **Media, playlists, templates, hot folders and multi-zone layouts**

02 Scheduling and targeted distribution

03 Offline playback of the latest approved version

04 Device Management & Monitoring



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APPLICATION AREA 02

Menu Boards

Digital menus and promotional displays for QSR, retail and service environments.

01 **Centrally manage products, prices and daily offers**

02 Distribute panoramic layouts across multiple displays

03 Schedule menus and promotions

04 Connection to external data sources such as POS systems



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APPLICATION AREA 03

Video Walls

Synchronized playback for scalable video walls and digital art installations.

01 **Start videos and scenes in sync across player groups of any size**

02 Combine narrow-bezel displays into large-format surfaces

03 Extend panoramic and artistic content seamlessly across display boundaries



A shared timeline requires reliable automatic network time across all devices.

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APPLICATION AREA 04

Self Order Terminals

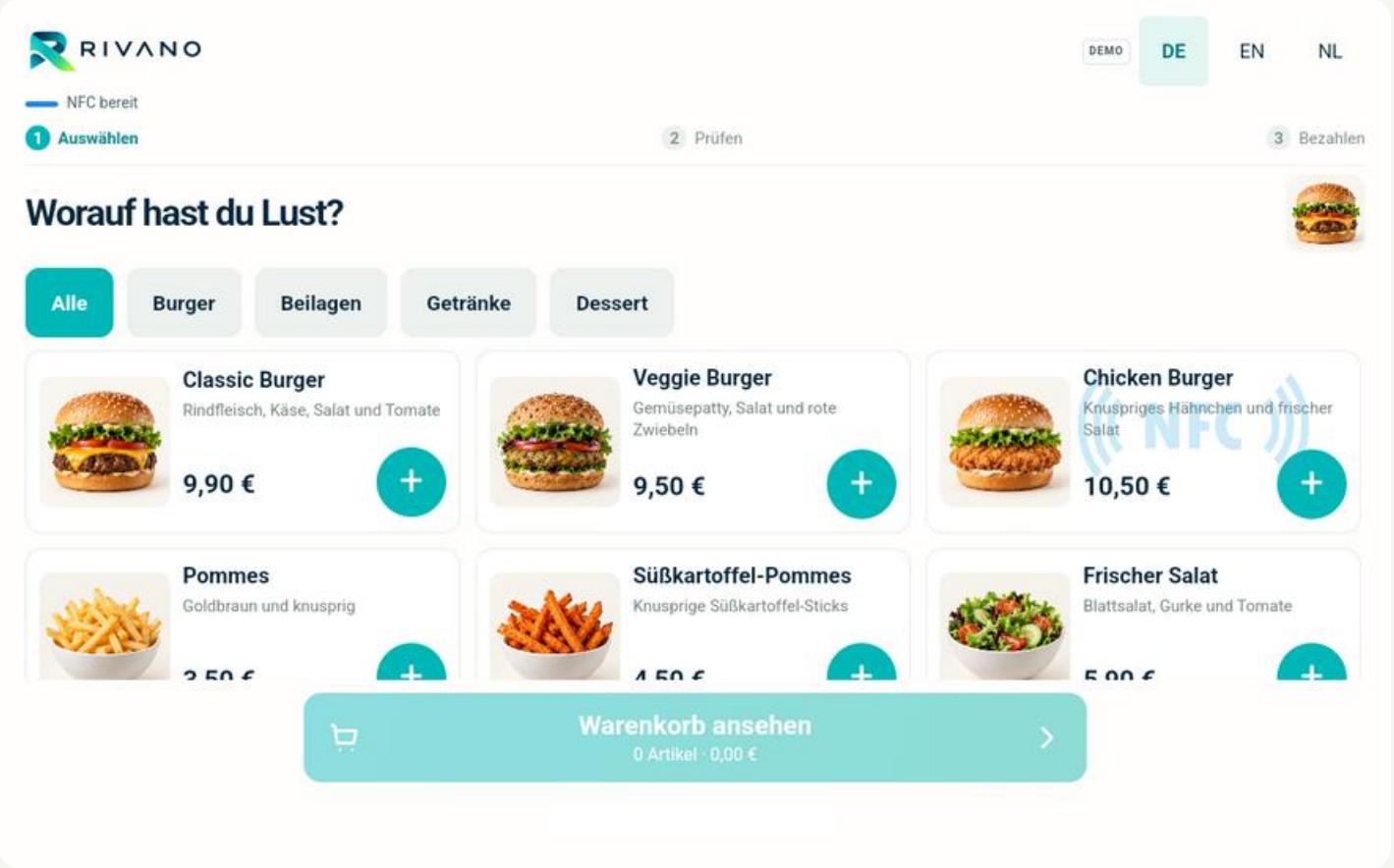
Touch-based ordering from the product catalog to the shopping cart.

01 **Product selection with categories and variants**

02 Shopping cart, quantity changes and order review

03 Multilingual self-service interface

04 Connection to external data sources such as POS systems



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APPLICATION AREA 05

Self Checkout Terminals

Checkout flow with shopping cart and contactless payment at the terminal.

01 **Order review and handoff to the payment flow**

02 NFC and SoftPOS integration on compatible hardware

03 Payment result returned to Rivano



The SoftPOS integration shown is a qualified demonstrator and not a production payment system.

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APPLICATION AREA 06

Queueing & Calling System

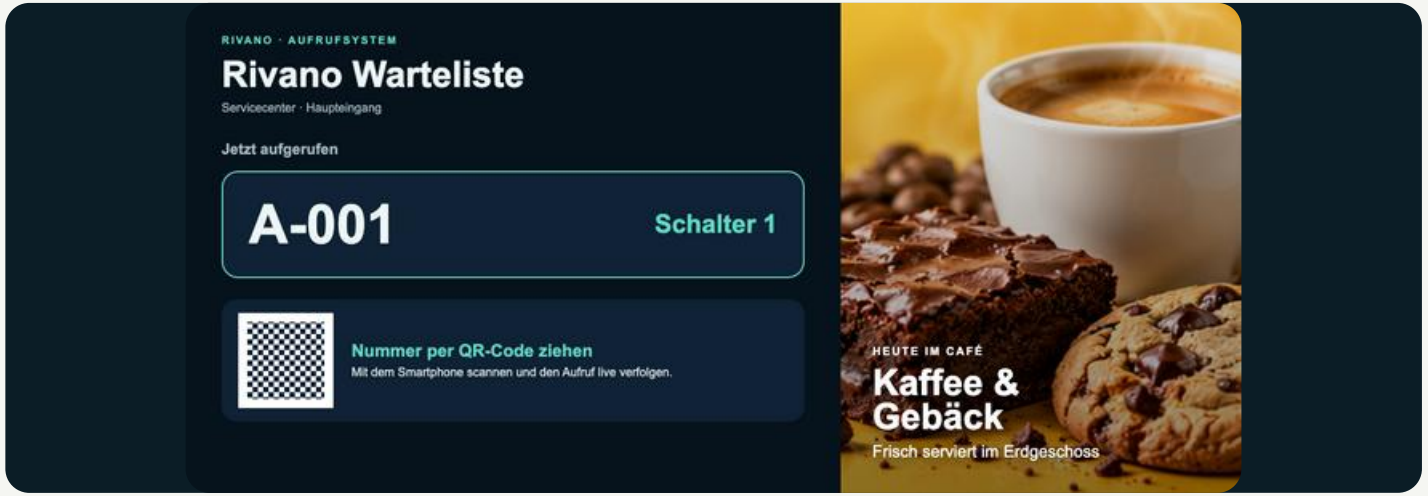
Digital tickets and call displays for service areas and visitor management.

01 **QR check-in without a separate ticket dispenser**

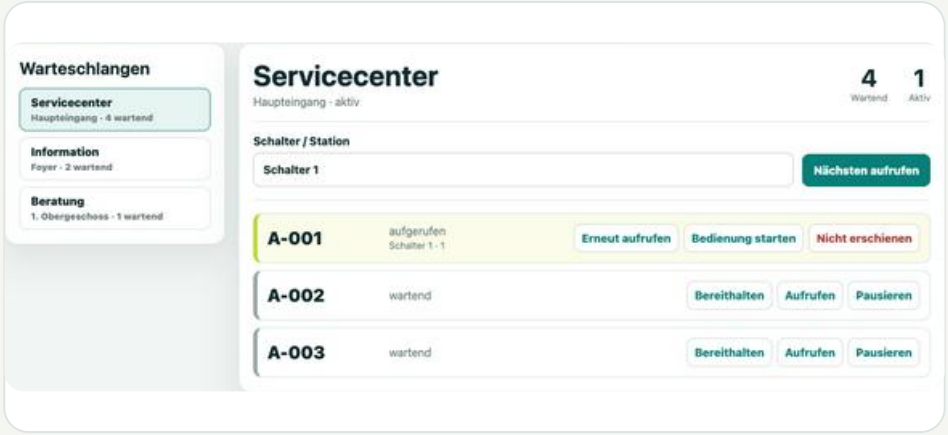
02 Live ticket status and counter call

03 Combine calls with information or advertising content

CUSTOMER CALL & ADVERTISING



OPERATOR VIEW



SMARTPHONE AFTER QR SCAN



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APPLICATION AREA 07

Electronic Shelf Labels

Real ZKONG devices, from classic price labels to large-format ESLs.

01 **ESL formats from 2.9 to 10.2 inches**

02 Color profiles for four- and six-color content with image optimization for readability

03 Assignment, publishing, transfer status and monitoring

04 Connection to external data sources such as ERP systems

ZKONG VALLEY · 2.9 INCH



ZKONG QUANTUM · 4.2 INCH



ZKONG VALLEY · 7.5 INCH



ZKONG VALLEY · 10.2 INCH



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ZKONG · DIGITAL SIGNAGE & ROOM BOOKING

ZKONG Large Format

Larger ePaper and LCD formats extend ZKONG beyond classic price labels.

01 **Color ESLs and LCD displays for digital signage**

02 Product presentation and promotion on large display surfaces

03 Room status and schedule overview on 7.5- and 10.2-inch ESLs

04 Device Management & Monitoring

ZKONG SPARKLE · 10.1 INCH



ZKONG SPARKLE · 15.6 INCH



ZKONG LEGENDARY · 23.1 INCH LCD



ZKONG VALLEY · 7.5 INCH ROOM



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APPLICATION AREA 08

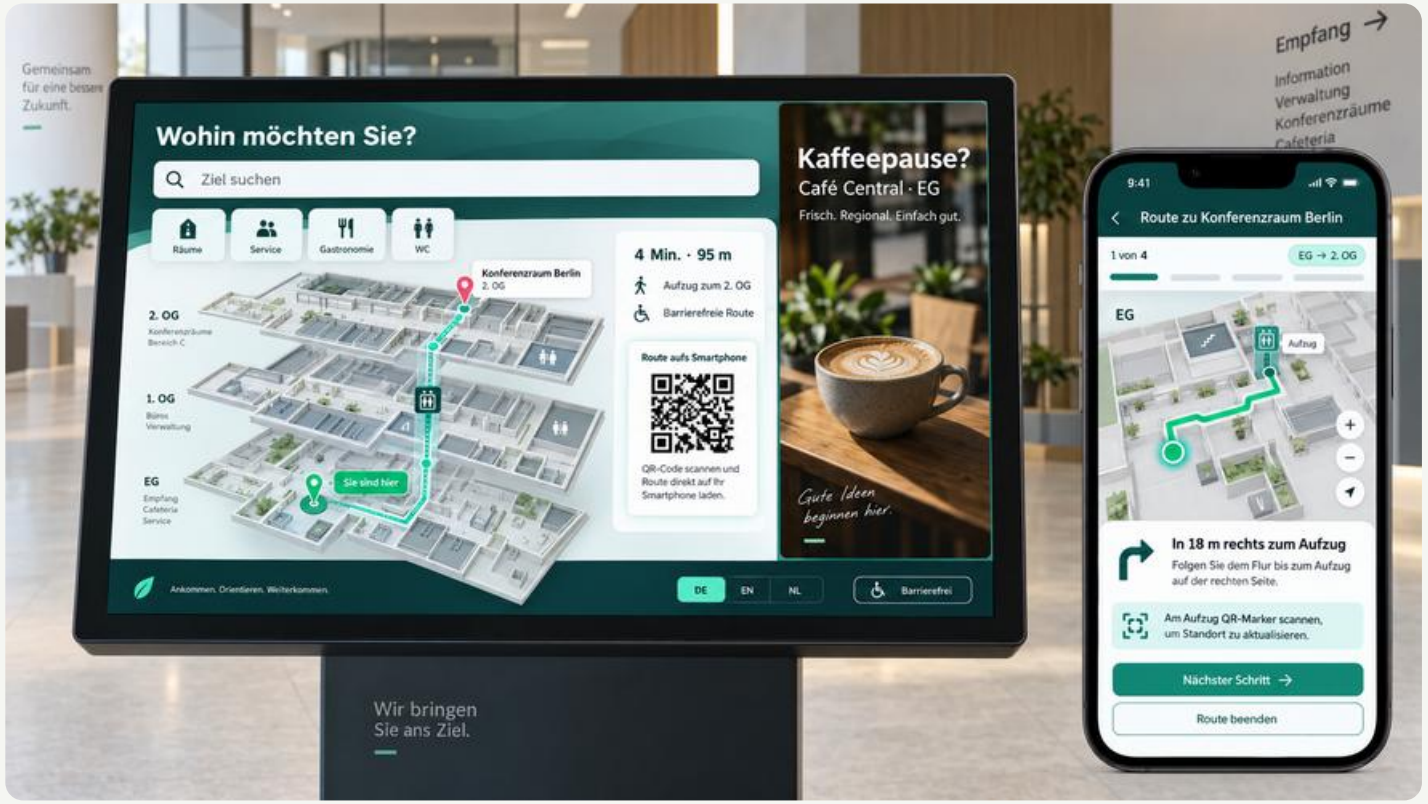
Wayfinding

Interactive on-site wayfinding with route handoff to the smartphone.

01 **Destination selection on the touch display**

02 Floor and route view

03 QR handoff for continued mobile navigation



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APPLICATION AREA 09

Room Occupancy & Booking

Room status, booking and check-in on LCD and ePaper displays of different sizes.

01 **Four display classes for doors and rooms**

02 Wired LCD and wireless ePaper options

03 Direct integration with Zeitwart room and resource management

ZKONG ESL · 10.2 INCH



QBIC LCD · 10.1 INCH



QBIC ePAPER · 7.5 & 4.2 INCH



JAMIEPRO LCD · 10.1 INCH



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APPLICATION AREA 10

IPTV

IPTV streaming for hotels, sports bars and other hospitality environments.

01 **Central channel lists for live TV and IPTV**

02 4K UHD and low-latency streaming for live sports

03 Amino H200 as a compact Android streaming client



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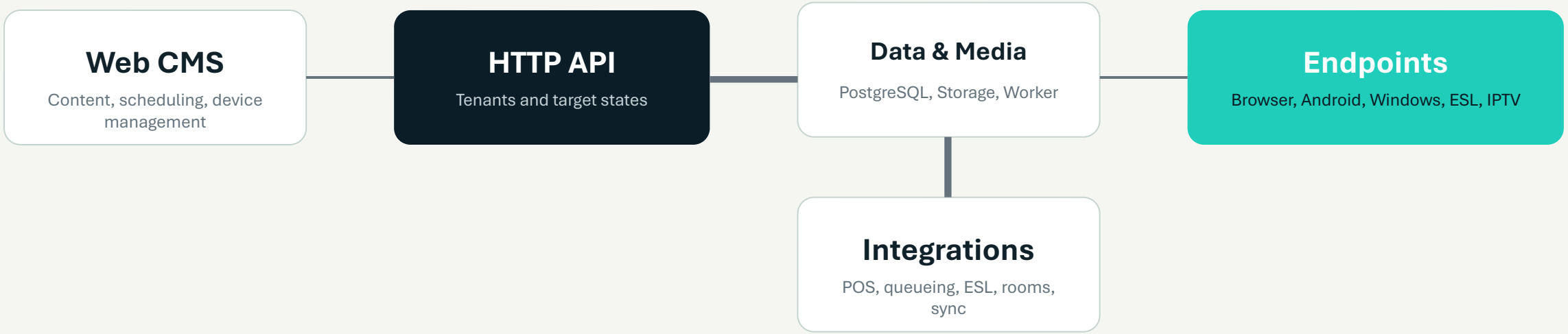
Architecture and Device Classes

A multi-tenant, multi-user CMS serves different players, terminals and displays through clearly separated runtimes.



Hosted in Germany or operated as an on-premises installation.

Offline-capable players activate new content only after complete validation.

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Product Structure

Rivano Core provides the technical foundation. The application areas are presented as clearly defined solution packages.

RIVANO CORE

CMS, HTML player, Android player and Windows player, device management, roles, monitoring and secure distribution

- Digital Signage
- Video Walls
- Self Checkout Terminals
- ESL
- Room Booking
- Menu Boards
- Self Order Terminals
- Queue & Call
- Wayfinding
- IPTV & Live Streaming

Next step: Define the value proposition, target customers and pilot scope for each solution package.

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