



BARRIER SYSTEMS

Sperranlagen. Smart. Steuern.

OVERVIEW

- 1 What is BARRIERSYSTEMS?
- 2 Why BARRIERSYSTEMS?
- 3 BARRIERSYSTEMS Hardware
- 4 BARRIERSYSTEMS Software
- 5 Integrations
- 6 Comparison
- 7 References / Case Studies

=> MAXIMUM FLEXIBILITY!

1. WHAT IS BARRIERSYSTEMS?



I - Requirements Engineering

1. Outside-In approach (Slide 4)
2. Access Media Selection
3. Software Integrations
4. Interfaces for 3rd party stakeholders



II - Hardware and Software Solutions

=> Slide 5

III - Strong Partner Network

- Manufacturers
- Suppliers
- Construction
- Integrators

BARRIERSYSTEMS ensures, that the customer gets the most fitting solution, while still keeping the system dynamically and cost-effectively adaptable to new requirements and even 3rd party demands.

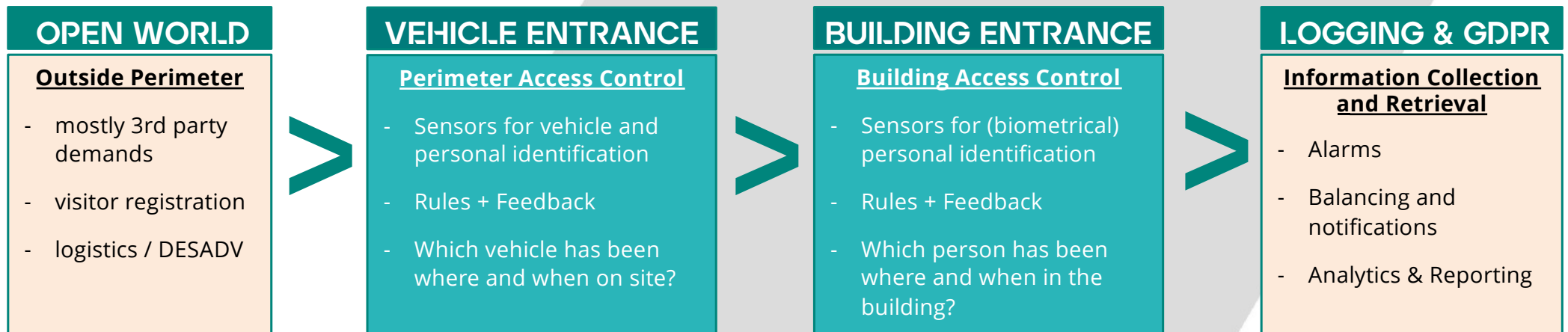


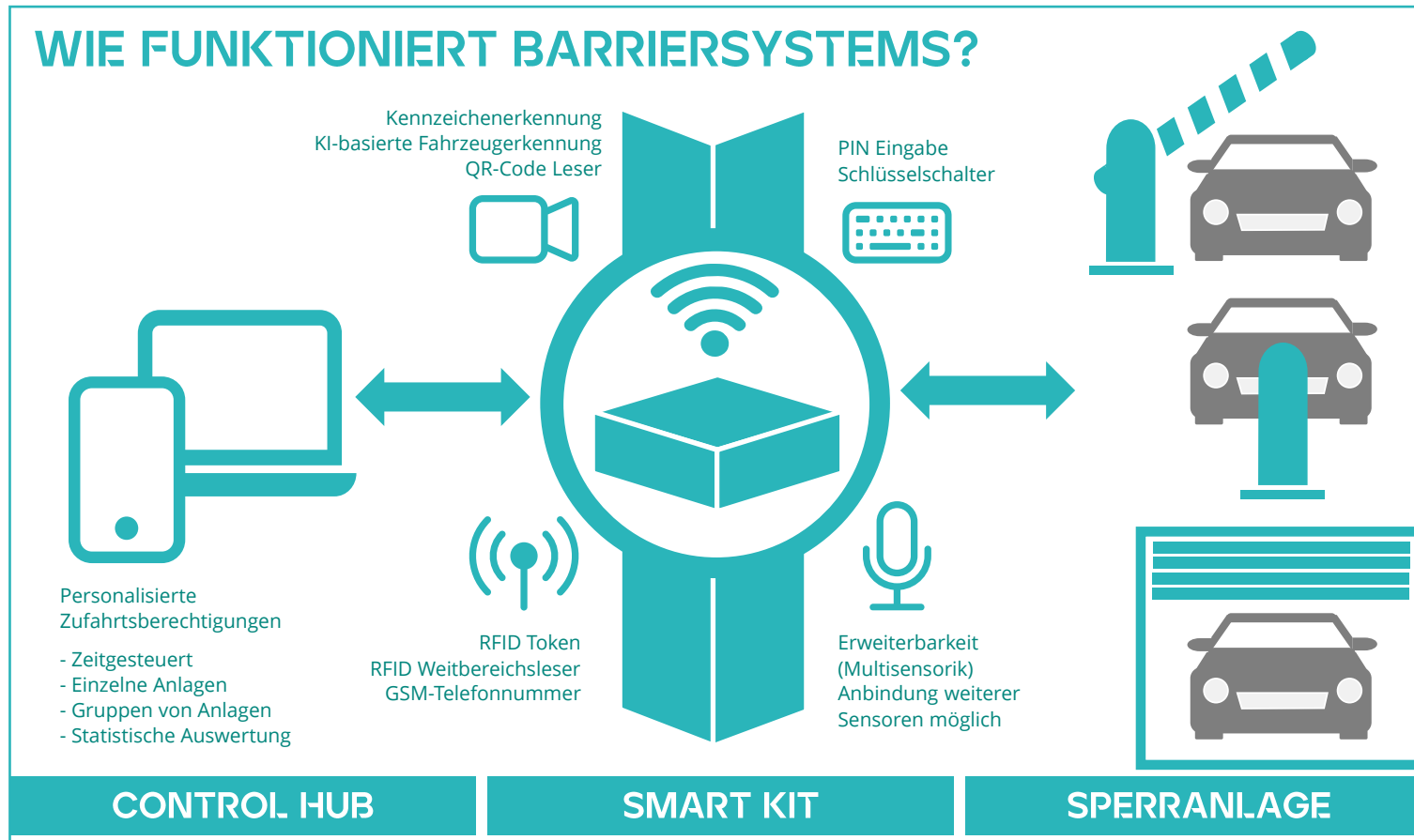
- Manufacturer independent
- Retro-fittable
- User-friendly



The most advanced and versatile **intelligent access control management** solution on the market

OUTSIDE-IN APPROACH





=> VERSATILITY!

2. WHY BARRIERSYSTEMS?

INTERNAL DEVELOPER TEAM => WE INTEGRATE EVEN THE MOST EXOTIC HARD- & SOFTWARE

▶ **Open and expandable Architecture**

▶ **Software Interfaces**

- REST-API
- SOAP Adapter
- CSV/FTP/SCP Capabilities

▶ **Hardware Interfaces**

- I/O / Wiegand-26
- Modbus TCP
- USB / Ethernet

▶ **Easy integration**

▶ **Retro-fitable**



Works with all technologies

- Barriers
- Gates
- Bollards
- Doors
- Turnstiles

- Sensors
- Actors
- Cameras



Manufacturer Independence

PARTNERS

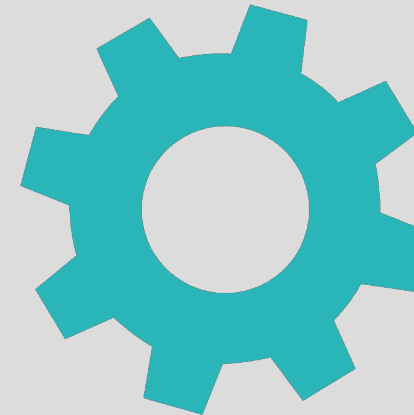
GOOD RELATIONS TO WELL KNOWN MANUFACTURERS AND SUPPLIERS ON THE MARKET



3. BARRIERSYSTEMS PRODUCTS

HARDWARE

-  **SMART KIT** => Advanced Controller
-  **BASE LINK (PRO & CONTROL)** => Basic Controller
-  **NEURO NET KIT** => AI Application Kit (on site)
-  **AUX KIT** => Power/Network Supply
-  **MONOLITH** => Control Column
-  **CHECK IN** => Self-Service Terminal
-  **NEXUS** => On-Premise Server (19" Rack inc. UPS)



4. BARRIERSYSTEMS PRODUCTS

SOFTWARE

-  **CONTROL HUB** => Web App für Desktop/Tablet
-  **CONTROL APP** => Mobile App für iOS/Android
-  **CONTROL PANEL** => Web App für Embedded Anzeigen
-  **CONTROL API** => Standard REST-Interface
-  **CUSTOM DEVELOPMENT** => 🎯🧐🚀
 - ⇒ *Custom Forms*
 - ⇒ *ControlHub Integrations*
 - ⇒ *API Integrations*
 - ⇒ *Custom API Interfaces*
 - ⇒ *AI Applications / GPT Assistants / ...*
 - ⇒ *Web / Mobile Apps*



5. INTEGRATIONS



(Enterprise) ERPs

- SAP
- Microsoft Navision
- other ERP Systems



eGovernance Platforms

- e.g. KommunalRegie
(very common in Germany)



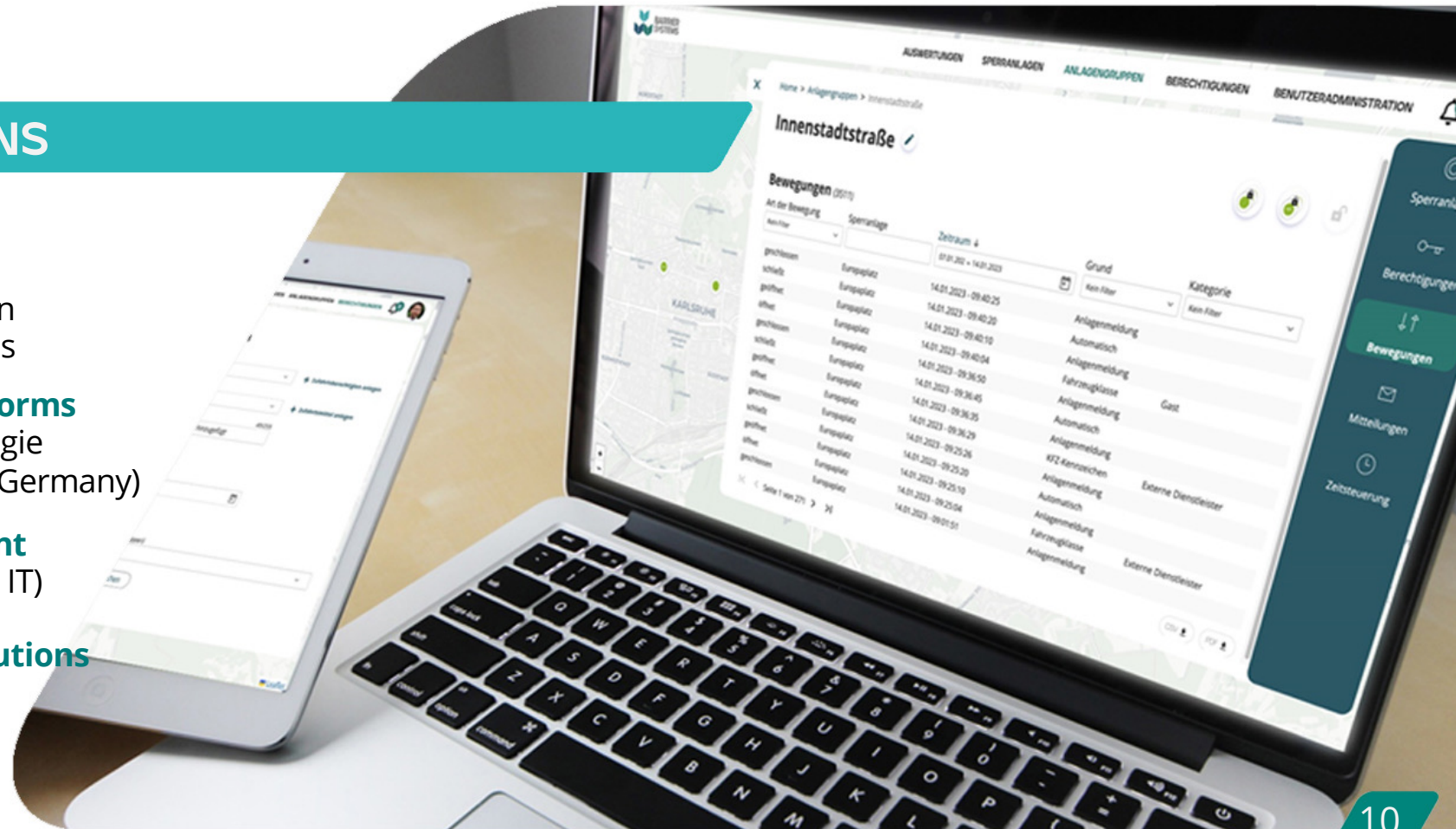
Visitor Management

- e.g. VISIT (Astrum IT)



Access Control Solutions

- dormakaba
- Interflex
- ...



6. COMPARISON (1/2)

MOST COMPLETE AND VERSATILE SOLUTION ON THE MARKET

BARRIERSYSTEMS

Manufacturer Independent

Retro-fitable

Complex & hybrid Scenarios

Customer Friendly

=> ANLAGEN LAUFEN KOMPLETT AUTARK (OFFLINE-FÄHIG)

Other Solutions

Single Manufacturer Solution

Certain product lines only

Highly specific or very basic

Bad UI/UX, „Windows XP“-look

=> Either online or only on-site desktop application

6. COMPARISON (2/2)

MOST COMPLETE AND VERSATILE SOLUTION ON THE MARKET

BARRIERSYSTEMS	OnPremise AND Cloud Hosting	Runs everywhere ⇒ <u>ControlHub</u> : Desktop/Tablet ⇒ <u>ControlApp</u> : Smartphone/Tablet	GDPR compliant	Open modern Interfaces
Other Solutions	Cloud-Hosting OR OnPremise	Windows / Java Application or only mobile app	Data protection unclear	<u>No</u> (open/modern) Interfaces

7. REFERENCES & CASE STUDIES (1/2)

B2B

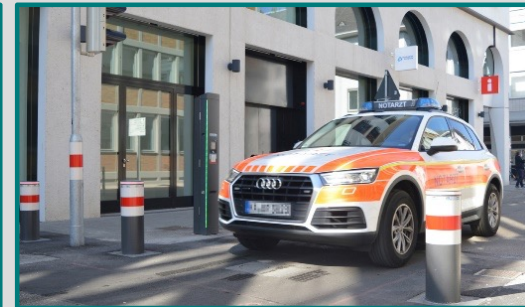
-  **WILO SE, Dortmund (DE)**
-  **GETEC PARC, Basel (CH, coming 2024)**
-  **Prime Tower, Zürich (CH)**
-  **Naters-Bammatta (CH)**
-  **...**



7. REFERENCES & CASE STUDIES (2/2)

B2G

-  City of Stuttgart (DE)
-  City of Basel (CH)
-  City of Trier (DE)
-  City of Baden Baden (DE)
-  City of Mannheim (DE)



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