

SYNAC.IO

Formally Verified · AI-Governed · Physical Access

Built on Master's Thesis Research from TU Darmstadt

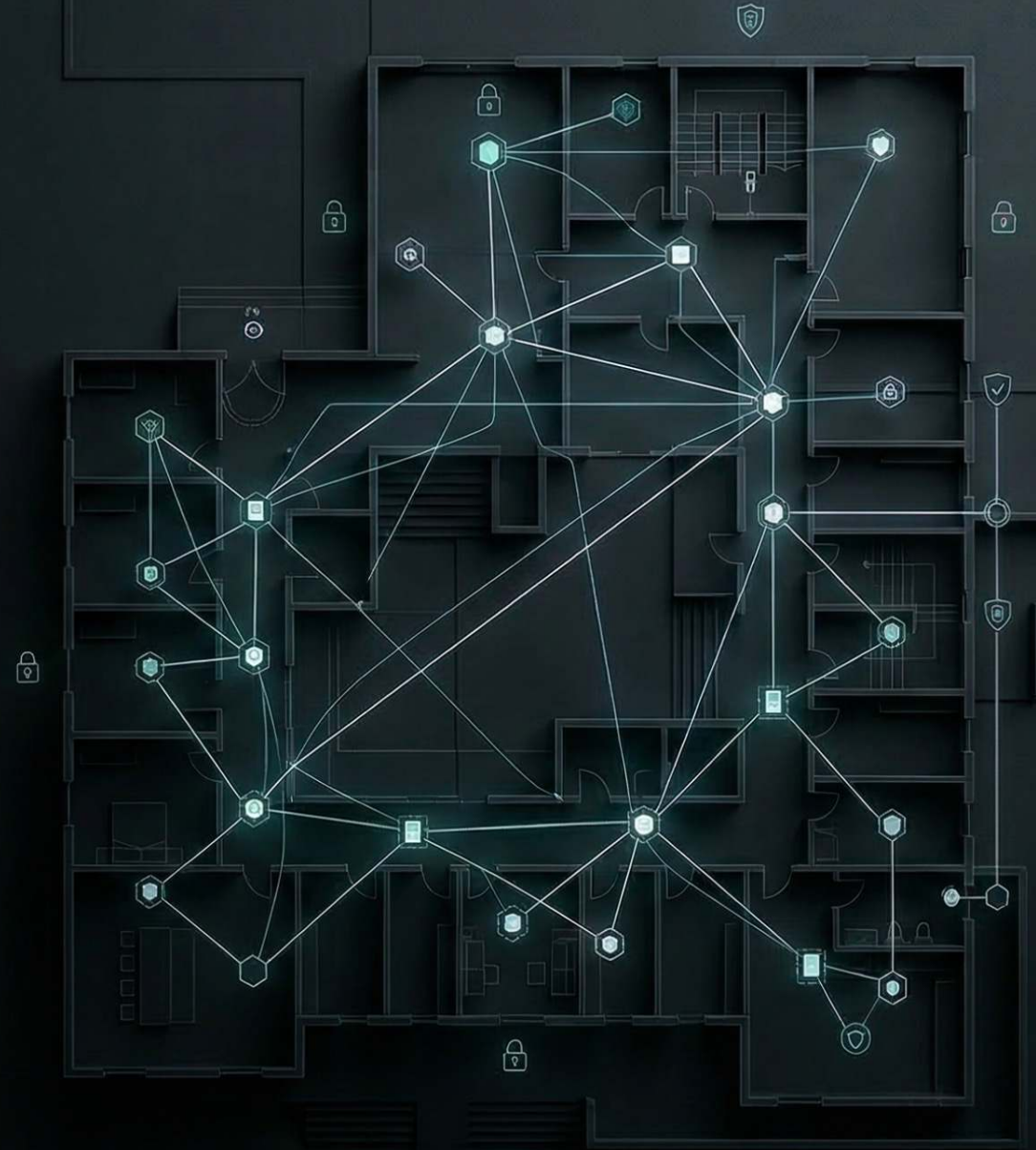
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Founder & CEO

M.Sc. Distributed Software Systems · TU Darmstadt

~11 years IT experience, ~ 7 years in PIAM software

www.synac.io



WHO GETS IN?

THE PROBLEMS (A pharma lab (e.g. MERCK). ~10K doors. +60K employees.)

- Different Systems. Different vendors.
- Card stolen? Door opens. The system trusts the card – not the person.
- Legacy systems cannot adapt to dynamic policies.
- Consultants & Configurations take months.



AI Generated Image

OUR SOLUTIONS (SYNAC.IO PIAM)

- 100% Software: One unified dashboard for all existing hardware vendors via API.
- Standard zones: Smart context check (Role & Time) ensuring 100% GDPR compliance.
- Sensitive zones: Mobile push confirmation – like 2FA for doors.
- Critical zones: Opt-in Face ID (Zero data stored).
- AI Agent configures in days, not months.

Every change: AI proposes → Mathematically verified → Human approves



AI Generated Image

WHO USES WHICH AI?

THE PROBLEMS (Same pharma lab (e.g. MERCK). +60K employees.)

- Employees use shadow AI tools. IT Knows nothing.
- EU AI Act (August 2026): Companies must ensure AI Literacy & monitor high-risk AI usage.

Penalty: up to 7.5M - € 35M or 1.5%-7% of Yearly Revenue.

- When the EU asks: “Show your AI Data”–

Scheduled consultants, Months of waiting,

Third-party certification courses.



AI Generated Image

OUR SOLUTIONS (SYNAC.IO AI POLICY MANAGER)

- Extension logs AI metadata (no private prompts) for compliance.
- 1-Click-Report : Full EU compliance audit report in under 1 minute.
- AI Literacy Certification Hub: Different roles, different knowledge – HR, Lab Technician, Manager – each gets the right certification path.

Why one platform with PIAM?

Employee data already in PIAM. No export to third parties. One login — Doors + AI.



AI Generated Image

WHO NEEDS THIS?

KRITISDachG Gesetz (March 2026): 10 sectors must prove physical access control compliance & require Air-Gapped, Sovereign Identity Gateways.

EU AI ACT (August 2026) : All companies must prove AI governance and AI Literacy.

EU Post-Quantum Roadmap (2030): Critical infrastructure must migrate to Quantum-Safe IAM (QS-IAM) to prevent 'Harvest Now, Decrypt Later' attacks. (Phase 3 Roadmap).



Healthcare



Energy



Finance



Industry/Chemical



Telecom



Food Supply



Water



Transport



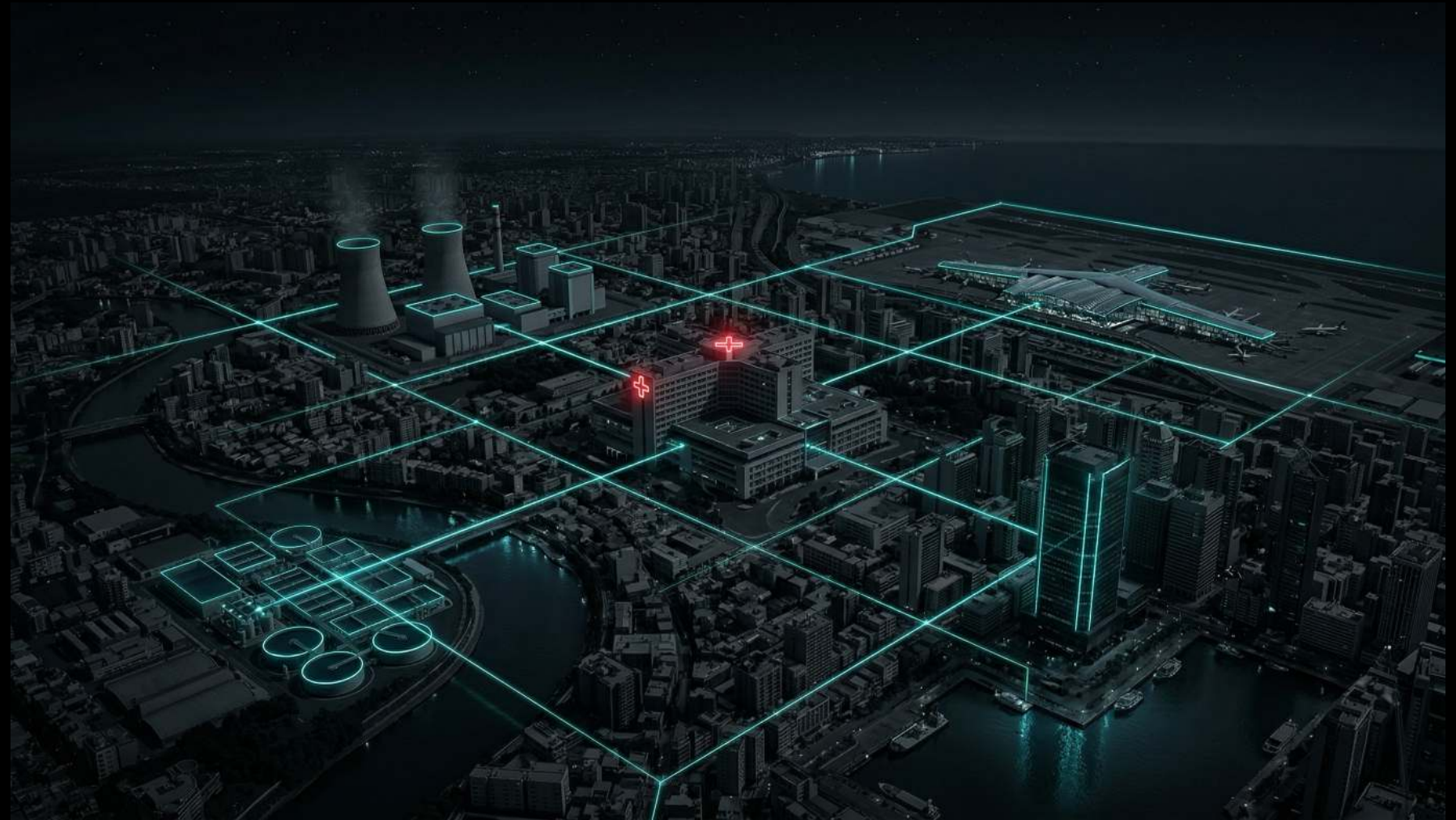
Government



Education/Research



Healthcare (Pharma)



AI Generated Image

Two Revenue Streams:

Phase 1: Go-to-Market (Volume Revenue)

AI Policy Manager (SaaS)

Starter: €49/mo (25 users)

Growth: €149/mo (100 users)

Business: €349/mo (500 users)

Enterprise/Government + On-Premise: Custom

Phase 2: Enterprise Upsell (Value Revenue)

PIAM Enterprise Contracts (5-year)

Multi year Licensing + setup fees.

High-value custom contracts based on doors & users.

Enterprise/Government + On-Premise: Custom

👉 <https://synac.io/#pricing>

BUNDLE: PIAM + AI Policy = 20% Discount · One Contract · One Platform

MARKET & COMPETITION

\$13B

Access Control & PIAM
Market (2024/25)



\$29B

Access Control & PIAM
Market (2034/35)

\$114.3M

Deepfake Detection
Market (2024/25)



\$5.6B

Deepfake Detection
Market (2034/35)

\$309M

AI Governance
Market (2024/25)



\$15.8B

AI Governance
Market (2034/35)

We don't compete against the existing companies. We integrate with them.

ASSA ABLOY / HID (~€12B)

→ PIAM hardware. No AI. No deepfake.

Dormakaba (CHF 2.87B)

→ Hardware only. No AI governance.

Siemens SI (€21.4B)

→ Building tech. No AI policy.

AlertEnterprise (\$27M)

→ Software PIAM. No AI Act. No deepfake.

OneTrust (\$500M+ ARR)

→ Privacy & AI governance. No PIAM. No doors.

Credo AI (\$41M raised)

→ AI governance only. No PIAM. No deepfake.

SYNAC.IO: Only platform with PIAM + AI Governance + Deepfake + AI Agent

RAC

RAC Admin Desk

Global search...

Home / Governance / Permission Sets

Permission Sets

manage reusable collections of Permission

RAC Employee Desk

Permission List

Permission Sets

Search Permission Sets...

+ Add Permission Set

Name							
Catalog 11 (app-rac-employee)							
Catalog 12 (app-rac-employee)							
Catalog 13 (app-rac-employee)							
Catalog 14 (app-rac-employee)	Parent 1	Active					
Catalog 15 (app-rac-employee)	Parent 1	Active					
Catalog 16 (app-rac-employee)	Parent 1	Active					
Catalog 17 (app-rac-employee)	Parent 1	Active					
Catalog 18 (app-rac-employee)	Parent 1	Active					

SMT Check • UNSAT

Filter results...

PROVED SAFE

No out-of-scope chain exists for `ps-fe760f78-eeeb-4d32-b4d7-069ddad98eae` in this snapshot.

No counterexample

Deterministic

Scoped

N

RAC

Home / Resources & Facilities / Facilities

Facilities

Search facilities

Country 001

Site 001-0001

Building 001-0001-001

Floor 01

Room 01-0001

Room 01-0002

Room 01-0003

Room 01-0004

Room 01-0005

Floor 02

Floor 03

Floor 04

Floor 05

Building 001-0001-002

Building 001-0001-003

RAC Copilot

Ask anything about your access model

hi

u

Hello. How can I assist you today? Are you looking for information on the RAC (Reliable Access Control) framework or its applications?

can you please explain how the application works?

u

The application appears to be a comprehensive identity and access management system, with various features and portals for different types of users. Here's a high-level overview of how it works:

The application has five canonical applications: app-rac-admin , app-rac-employee , app-rac-logen , app-rac-visitor , and app-rac-mobile . Each application has its own set of features and portals, such as:

• app-rac-admin : Full admin governance + configuration

• app-rac-employee : Access requests, approvals, visitor invites, team view

• app-rac-logen : LogenDesk: visitor check-in, badge issuance

• app-rac-visitor : Visitor self-service (check-in, access pass, parking)

• app-rac-mobile : Mobile app (QR codes, virtual cards)

The application uses a hierarchical tree structure to represent organizations and their relationships with applications. Each organization can have multiple applications, and each application can have multiple permission sets.

Knowledge

Mode

Ask RACI anything (Knowledge mode)...

Press **Enter** to send - **Shift+Enter** for new line

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SYNAC.IO

THANK YOU

👁️ We're looking for partners, mentoring and first contacts.

➔ **2x Co-Founder (m/f/d) – Strategy, Tech Law, Sales & Growth**

Profile: Native-level German fluency (required) &
University Degree (preferred). Based in Germany (Hessen network).
Bonus: B2B Pharma sales or marketing experience is a massive plus.
We specially welcome applications from women.

➔ **Funding**

EXIST founder Scholarship (in preparation through HIGHEST).
Next: EU COP-PILOT Pilot Grant (€ 200K) / WIBank / Seed Financing.

➔ **First Pilot Customers**

Healthcare (Pharma) in the DACH region.

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[WWW.SYNAC.IO](https://www.synac.io)

Developed in Darmstadt 🇩🇪