



JIN-YAMI

TECHNOLOGY SOLUTIONS

COMPANY PRESENTATION



The name Jin-Yami



Gye Nyame

An Adinkra symbol of the Akan (Ghana / West Africa), deeply rooted in proverb and philosophy.

Loosely translated: “Except for God” or “Only God” – an expression of constancy, trust and a higher order.



Why “Jin-Yami”?

- ✦ Easy to pronounce – in both German and English
- ✦ Preserves the sound and spirit of the original name “Gye Nyame”
- ✦ Evokes “Jinn” / spirit – fitting the brand character of the djinn
- ✦ A memorable, international brand name for technology & automation

Vision & Mission



Vision

Making industrial automation more accessible – independent of manufacturer, protocol or platform.



Mission

We build software and hardware that give engineers the tools to easily connect, monitor and control industrial systems – built by practitioners, for practitioners.

What we do



Automation software

Tools for communication, commissioning and diagnostics of industrial controllers.



Cross-platform applications

A single codebase for Windows, macOS, iOS and Android.



Hands-on consulting

Experience from real commissioning with Beckhoff and Rockwell systems.

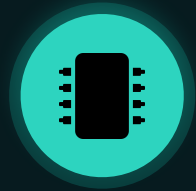


A growing product brand

Software today, hardware and accessories as the next step.

Hands-on experience as our foundation

Jin-Yami is born from years of hands-on experience in industrial automation – not at the drawing board, but on the machine.



TwinCAT & Beckhoff

PLC programming in Structured Text (IEC 61131-3), from data logging to state machines.



Rockwell systems

Commissioning and integration via RSLinx/DDE as well as Excel-VBA workflows.



Communication protocols

Practical know-how in ADS, EtherNet/IP and PROFINET across manufacturer boundaries.

FLAGSHIP PRODUCT

The Jin-Yami app



EtherNet/IP · ADS · PROFINET



Cross-platform foundation

Built with Flutter and Dart – a single codebase for every target platform.



Industrial protocols

Direct communication with controllers via EtherNet/IP, ADS and PROFINET.



Built for commissioning

Tools for diagnostics, monitoring and fast on-site troubleshooting.

Supported industrial protocols



EtherNet/IP

ODVA standard

Widely used in Rockwell and many other control environments.



ADS

Beckhoff protocol

MIT-licensed and free for commercial use – fast access to TwinCAT systems.



PROFINET

PI standard

A real-time capable fieldbus successor, established throughout the German-speaking region.

REACH

One app. All platforms.

Powered by Flutter and Dart, the Jin-Yami app runs natively on all major operating systems – from a single codebase.



Windows



macOS



iOS



Android

Login

Smart HMI / PLC - Controller & Simulator (EIP) — Anmeldung



Benutzername
admin

Passwort

Anmelden

[Passwort vergessen?](#)

Version 1.1.0



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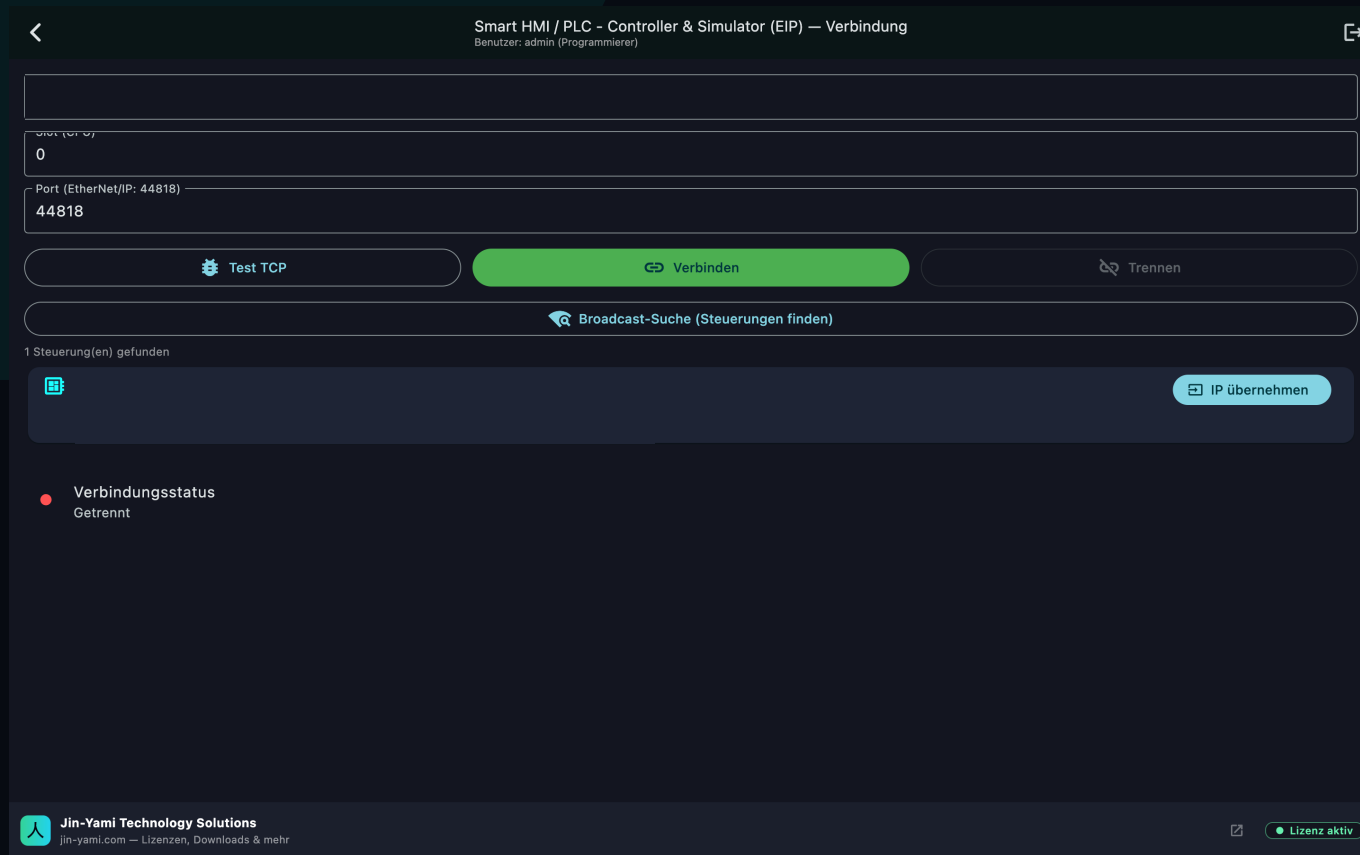
● Nicht aktiviert (nur Verbindung + Simulation nutzbar)

When the app starts, the login screen appears. Operation is not possible without logging in. The software starts in the trial version.

Programmer — User: admin · Password: admin

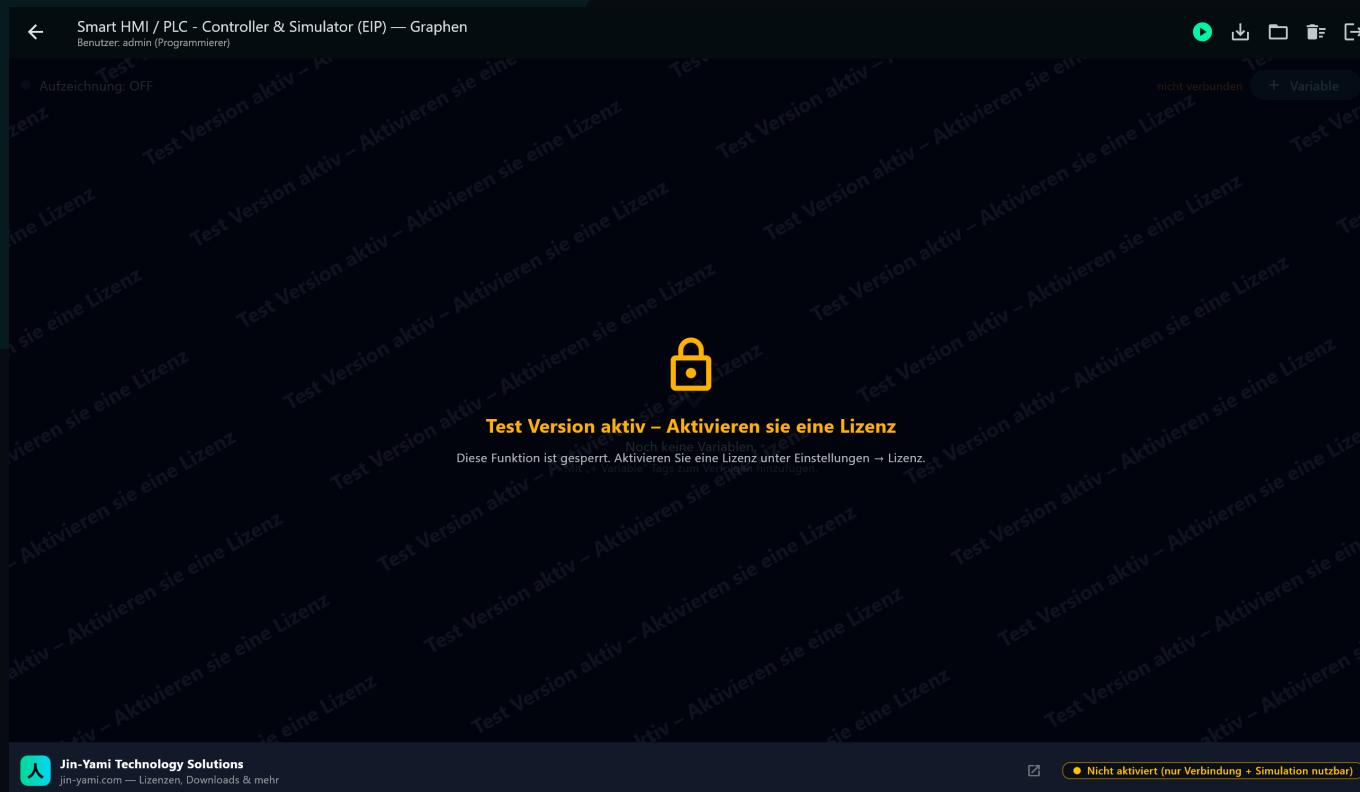
Installer — User: monteur · Password: monteur

Connection



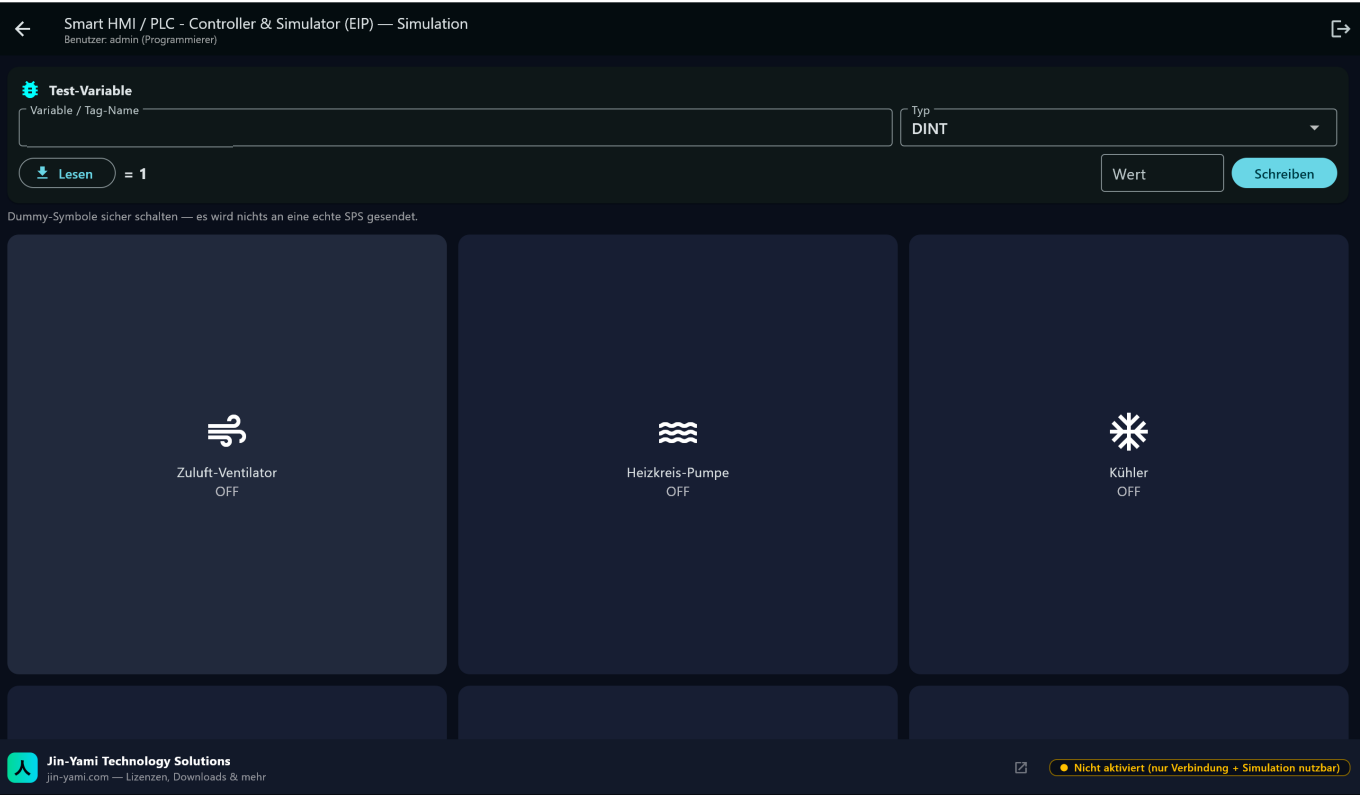
The first tile in the main menu, “Connection”, establishes the connection to an EtherNet/IP controller. A broadcast search finds controllers on the network automatically.

Trial version



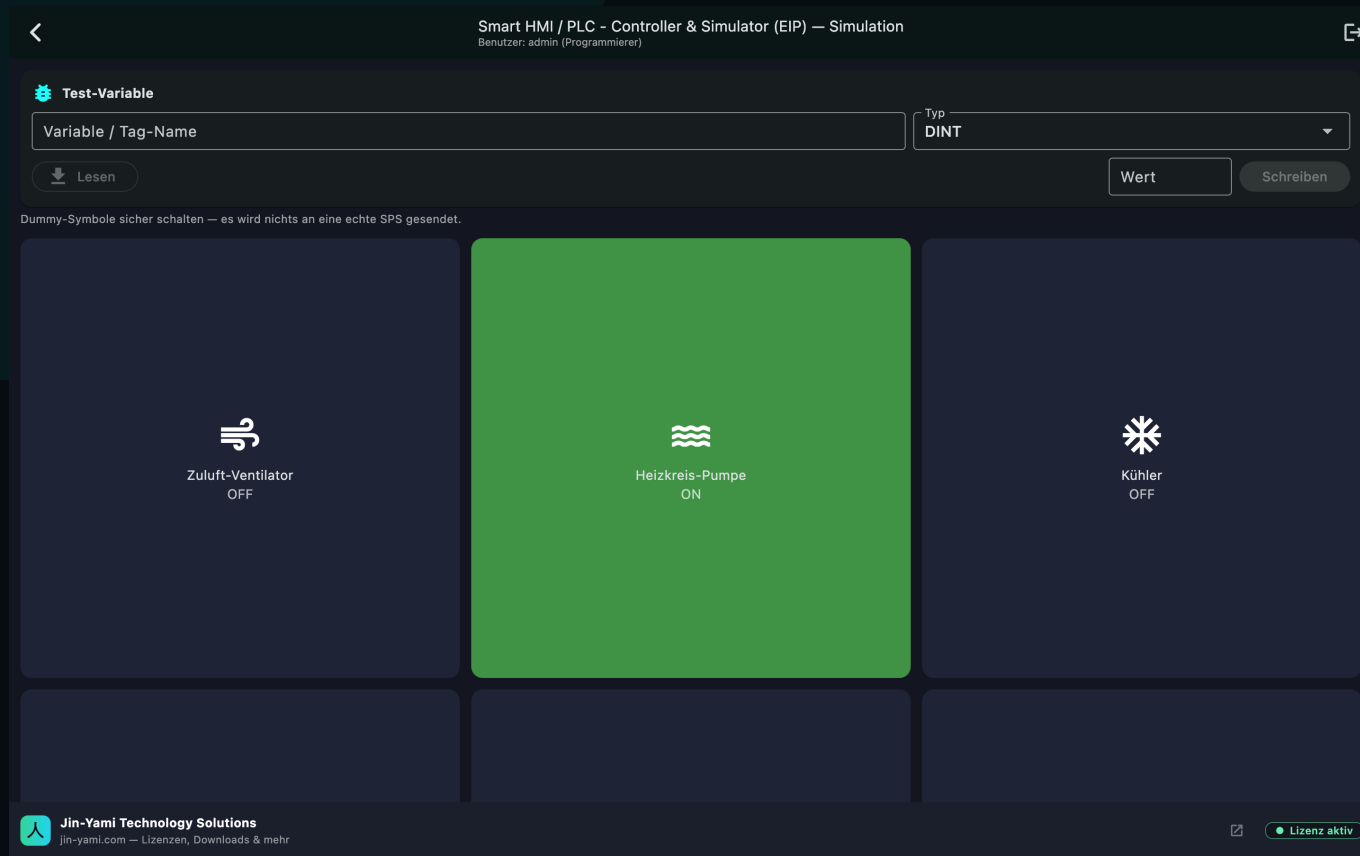
After installation the software starts in the trial version. Except for “Connection”, “Simulation” and “Settings”, all tiles are locked.

Simulation



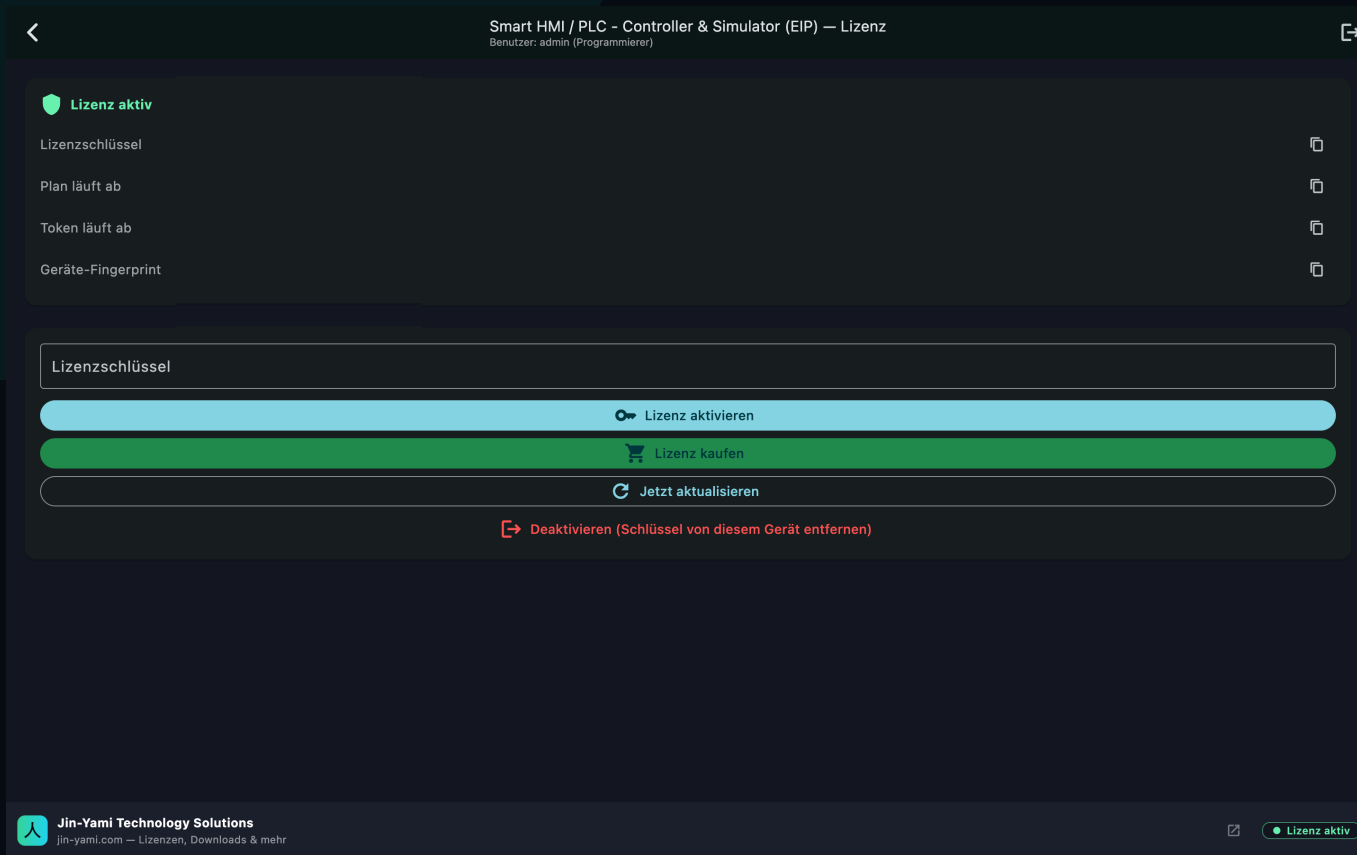
Under “Simulation” one variable at a time can be read and written. Additional buttons are provided for testing.

Simulation



The simulation is available identically across all platforms — shown here on another device.

License activation



Under “Settings → License” the purchased license is activated. After successful activation the software is marked as “License active”.

Login

Smart HMI / PLC - Controller & Simulator (EIP) — Anmeldung



Benutzername

admin

Passwort

Anmelden

[Passwort vergessen?](#)

Version 1.1.0

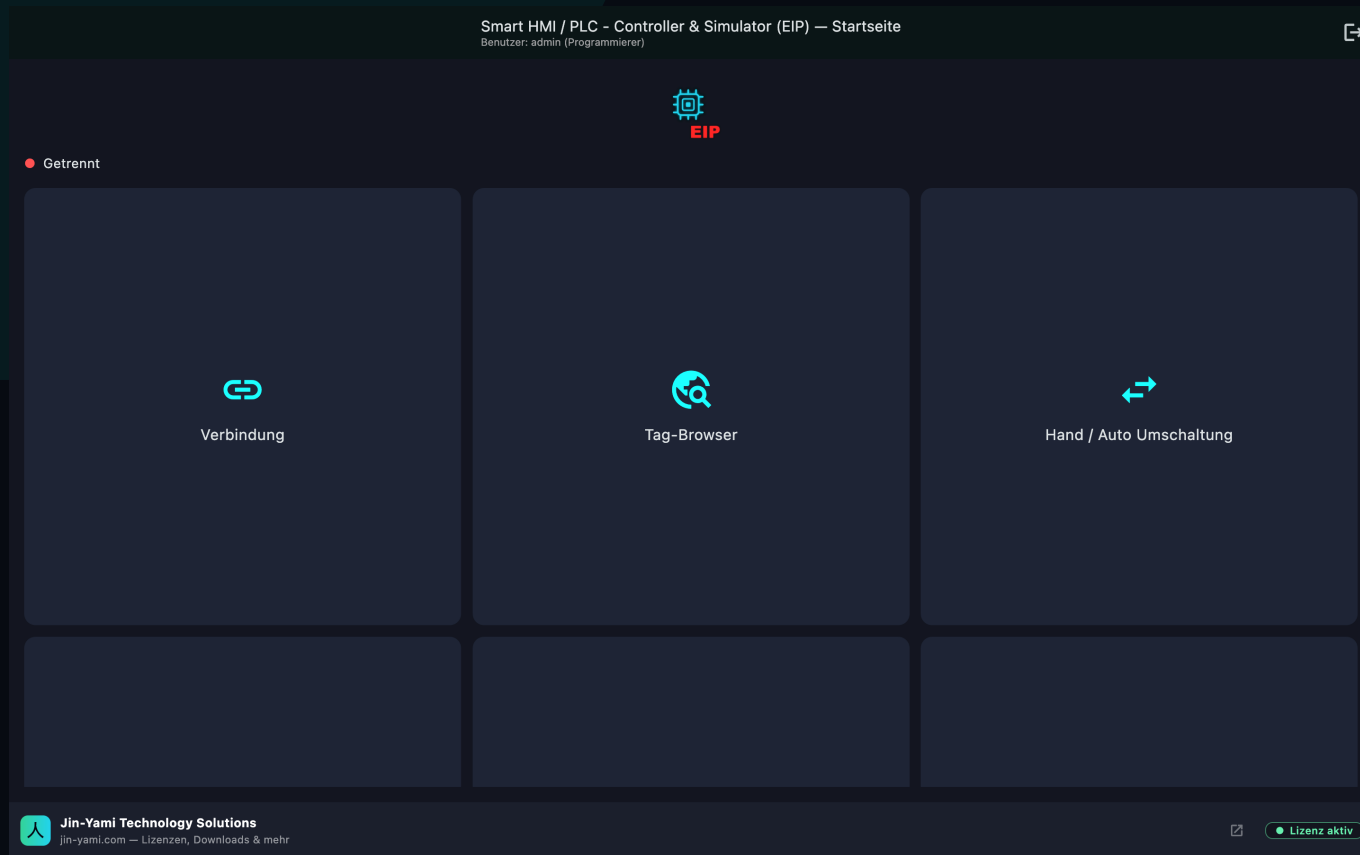
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 **Lizenz aktiv**

The login screen appears at startup. With an active license, all functions are available after logging in.

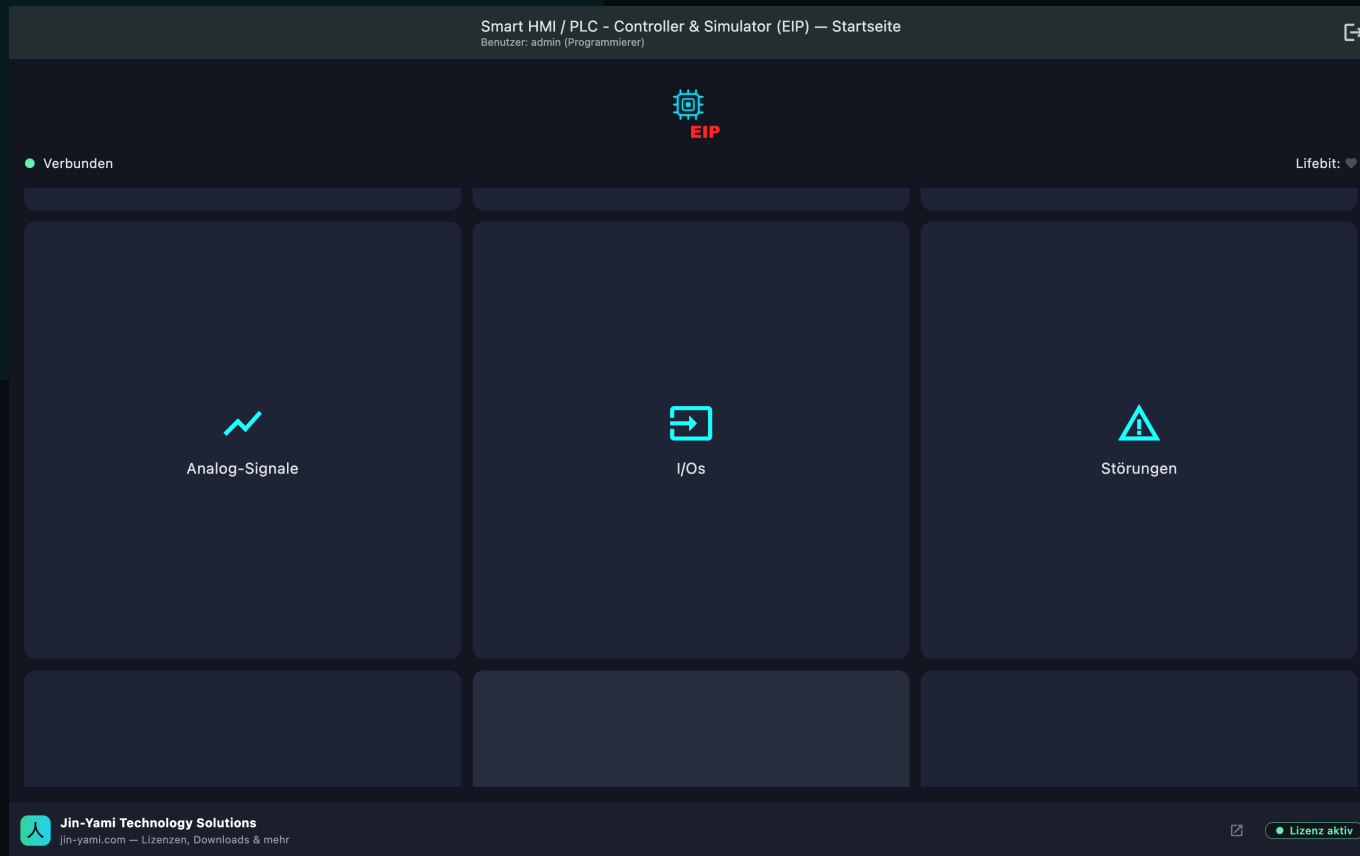
Programmer — User: admin · Password: admin
Installer — User: monteur · Password: monteur

Home screen



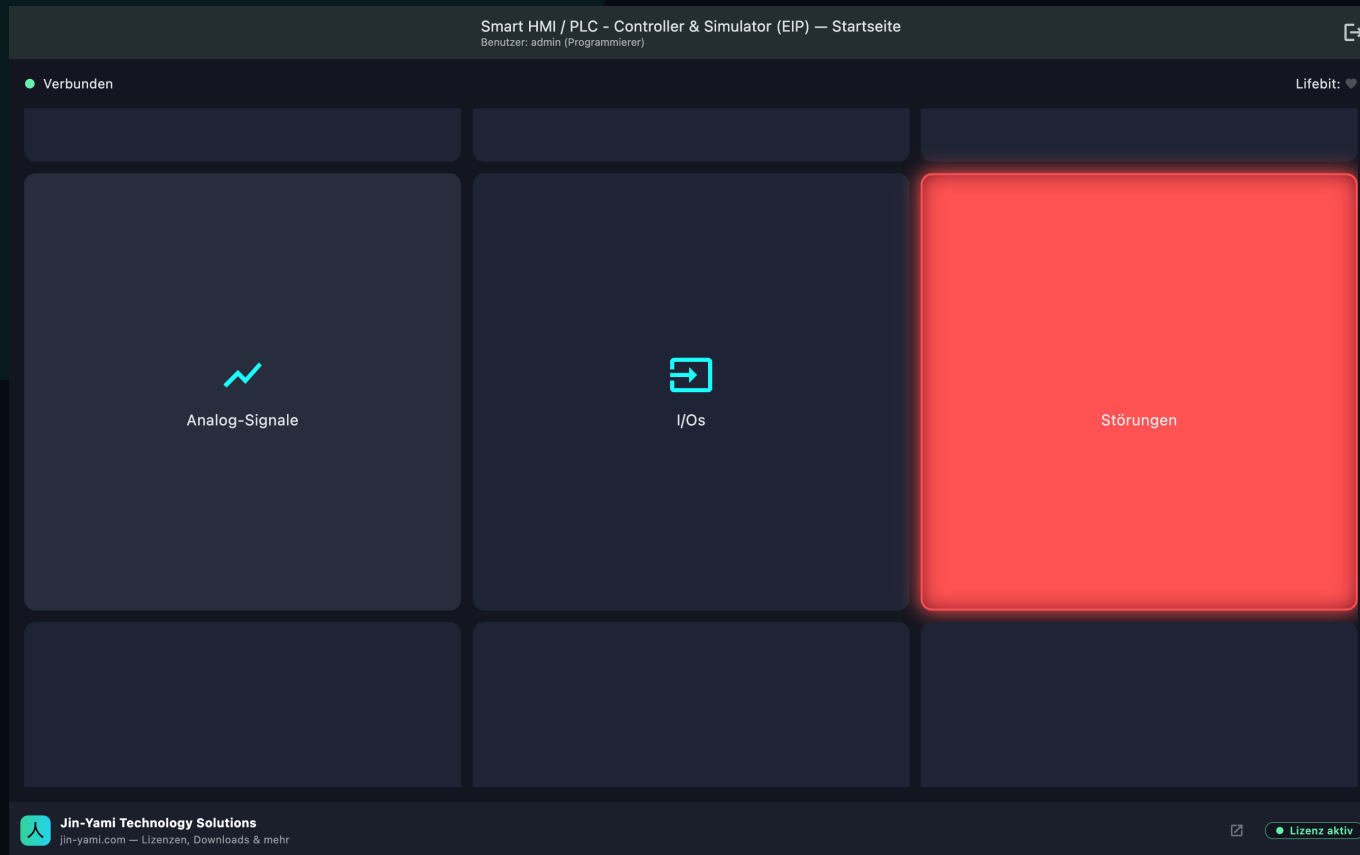
After logging in you reach the home screen with all function tiles.

Home screen



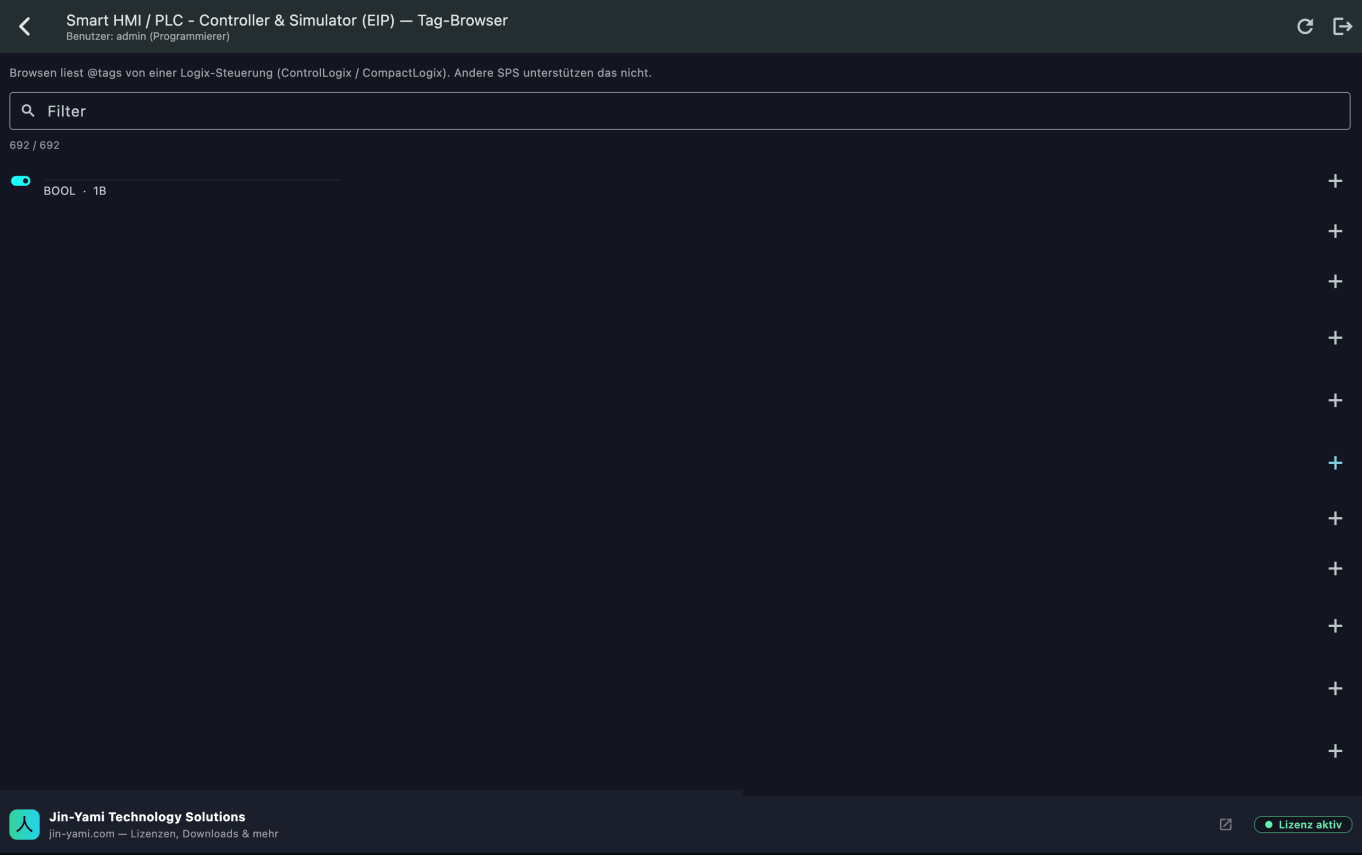
The home screen adapts automatically to the platform and screen size.

Home screen – fault indication



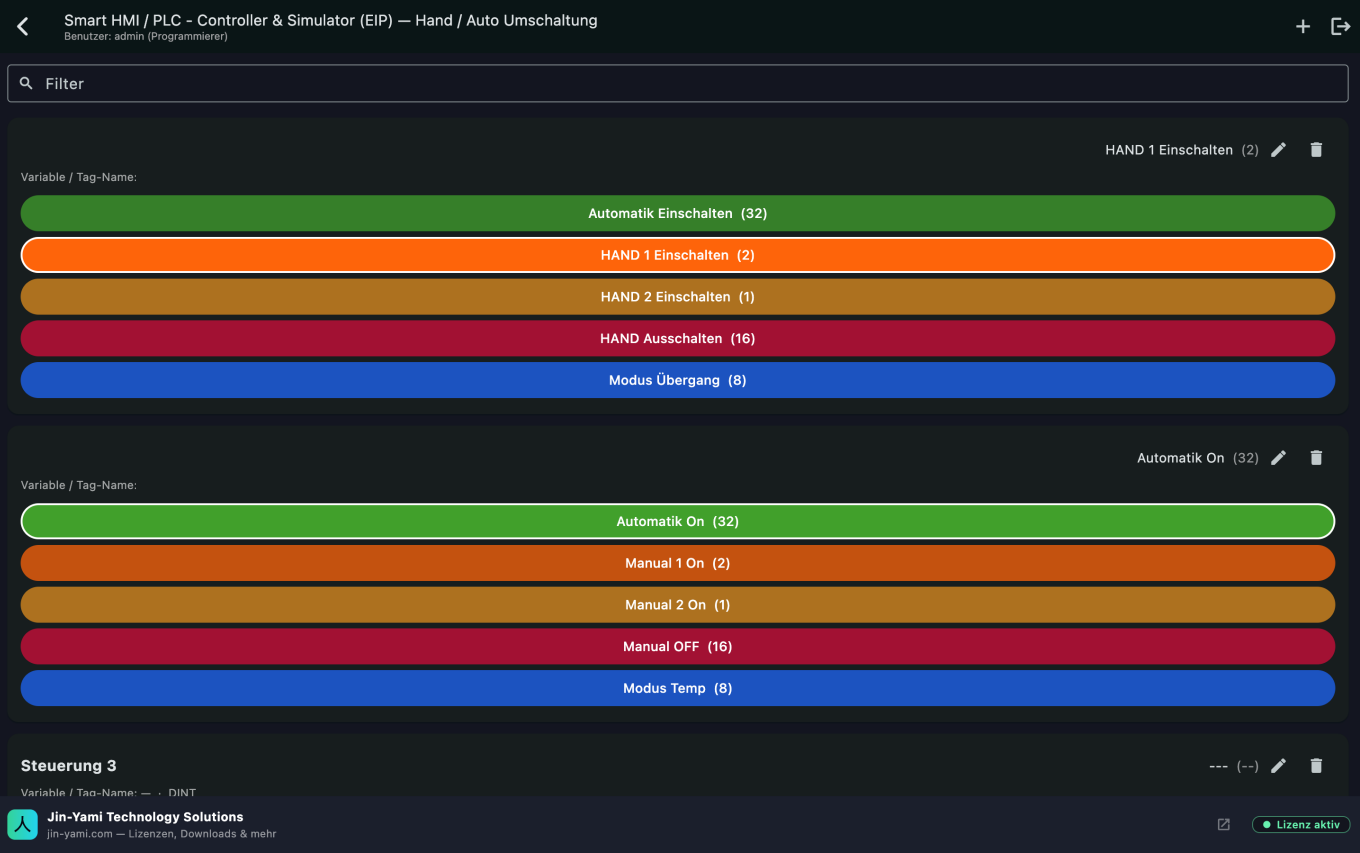
When a fault occurs, the “Faults” tile additionally lights up around its edge.

Tag Browser



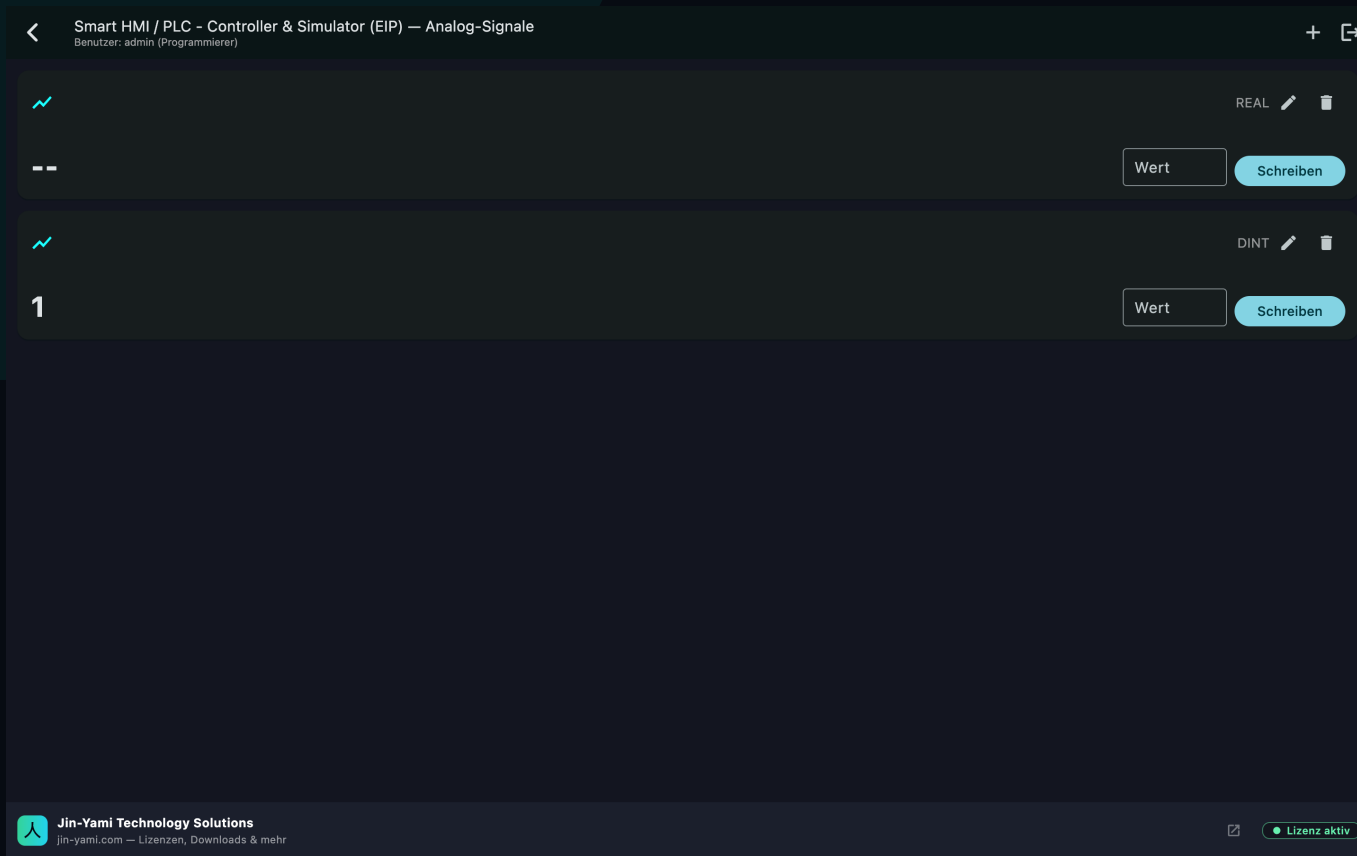
The “Tag Browser” shows all variables of the connected controller.

Manual/Auto switching



Under “Manual/Auto switching” buttons for switching can be configured and created.

Analog signals



Under “Analog signals” the desired signals can be saved, read and written.

I/Os

Smart HMI / PLC - Controller & Simulator (EIP) — I/Os

Benutzer: admin (Programmierer)

+ ↗

🔍 Filter

Alle

Markiert

10 / 10

#	Markiert	Bezeichnung	Variable / Tag-Name	Plan	Typ	Wert	Schreiben	Status	Kommentar	Monteur		
1	☐				Digitaler Eingang	☐	☐	● Offen				
2	☐				Digitaler Ausgang	☐	☒	● Problem				
3	☐				Digitaler Eingang	☒	☐	● Offen				
4	☐				Digitaler Eingang	☒	☐	● Offen				
5	☐				Analoger Eingang	—	☐	● Offen				
6	☐				Digitaler Eingang	☐	☐	● Offen				
7	☒				Digitaler Eingang	☐	☐	● Offen				
8	☒				Digitaler Eingang	☐	☐	● Offen				
9	☒				Digitaler Eingang	☒	☐	● Offen				
10	☐				Digitaler Eingang	☐	☐	● Offen				

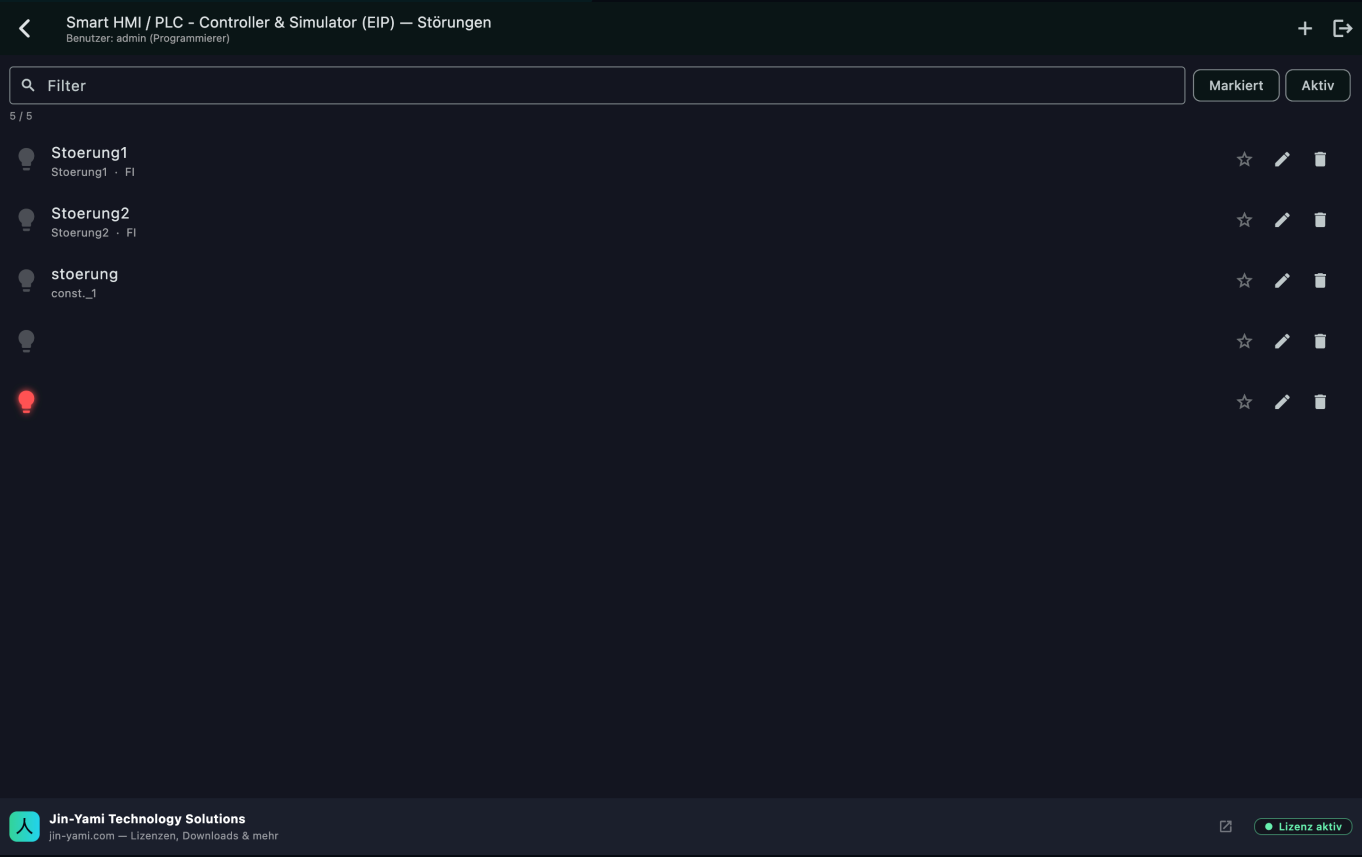
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Lizenz aktiv

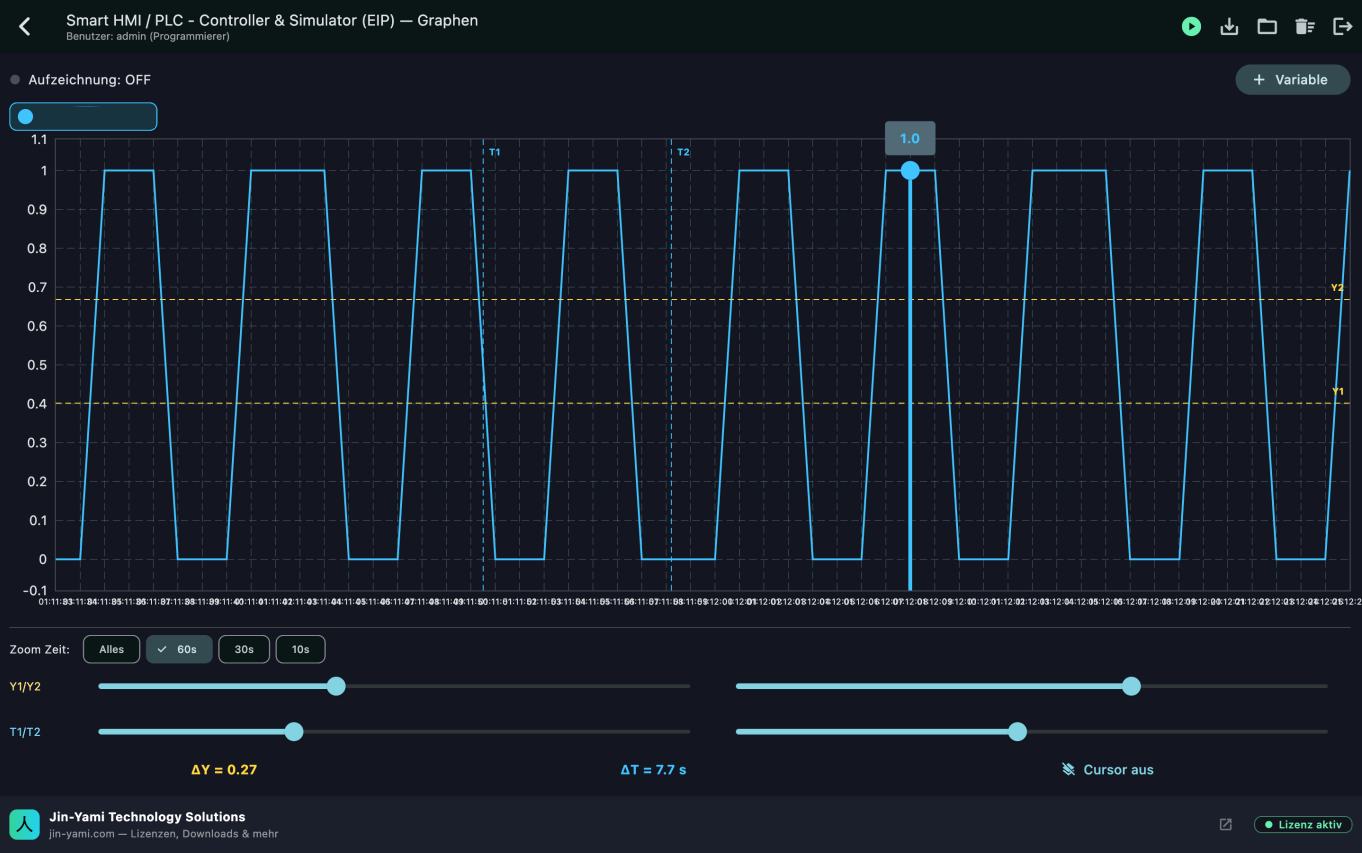
Under “I/Os” you can see all information required to commission a plant. Signals can also be switched here, and there are links to the distribution plan and the schematic.

Faults



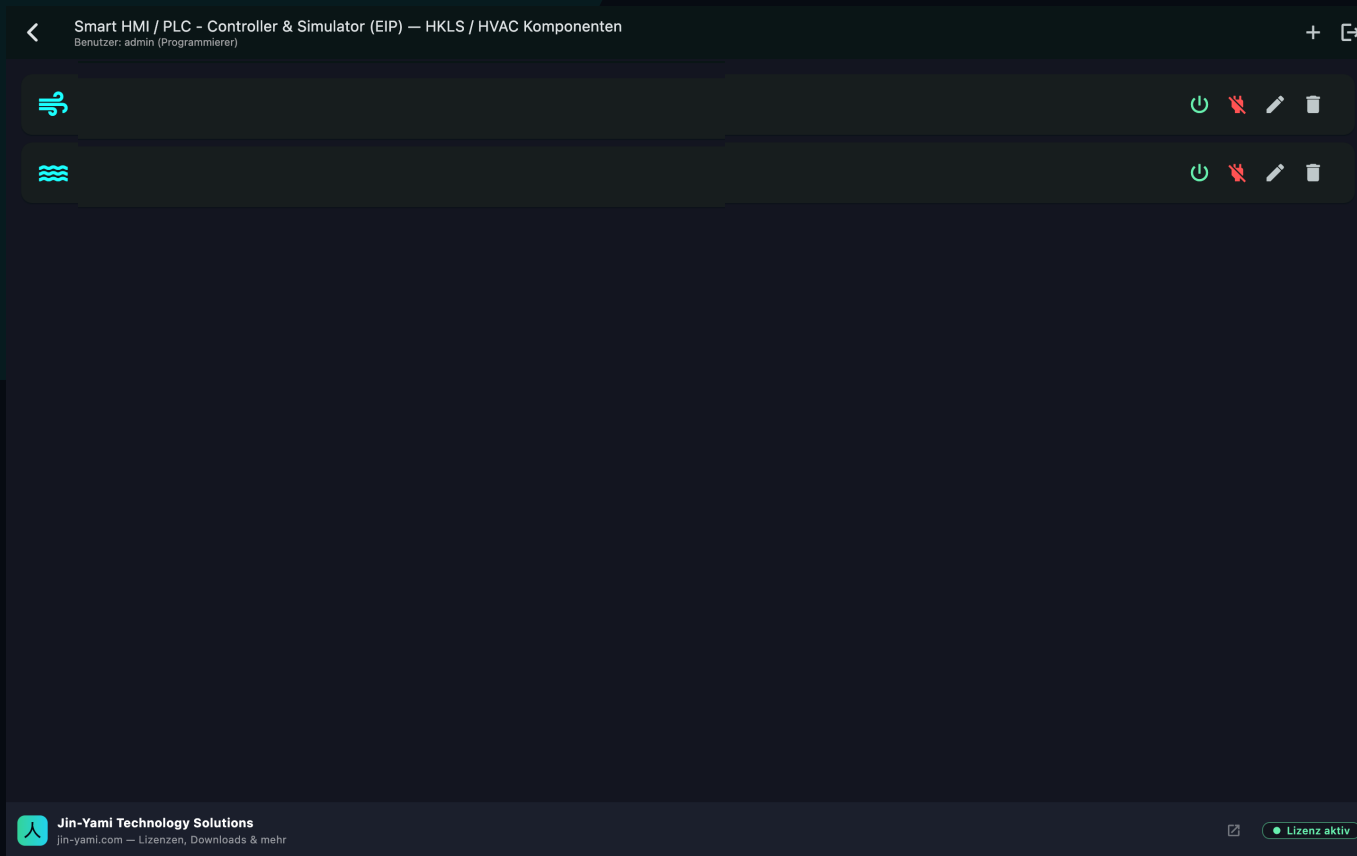
The individual faults are displayed here. An active fault lights up red.

Graphs



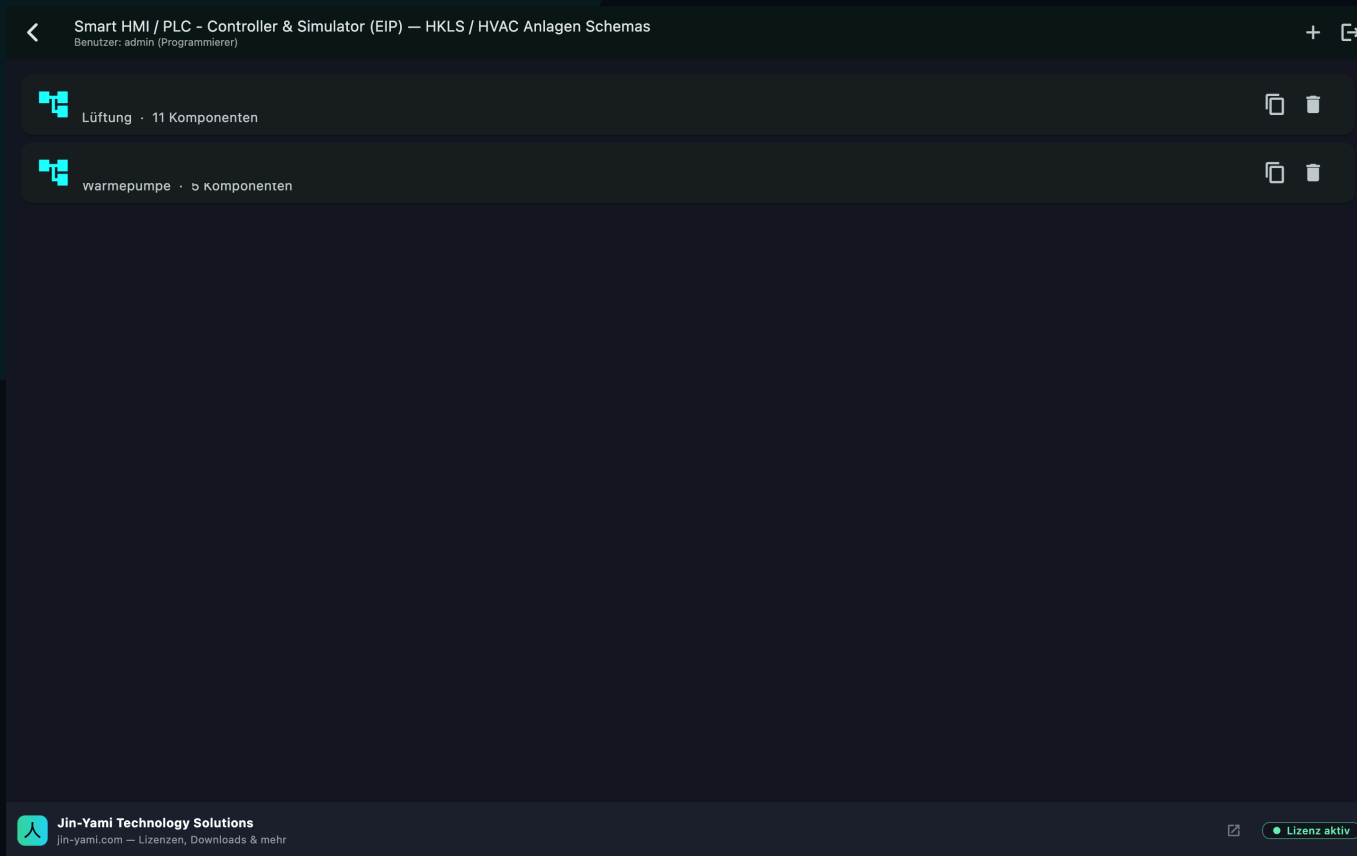
Variables can be plotted on a graph to follow switching sequences.

HVAC components



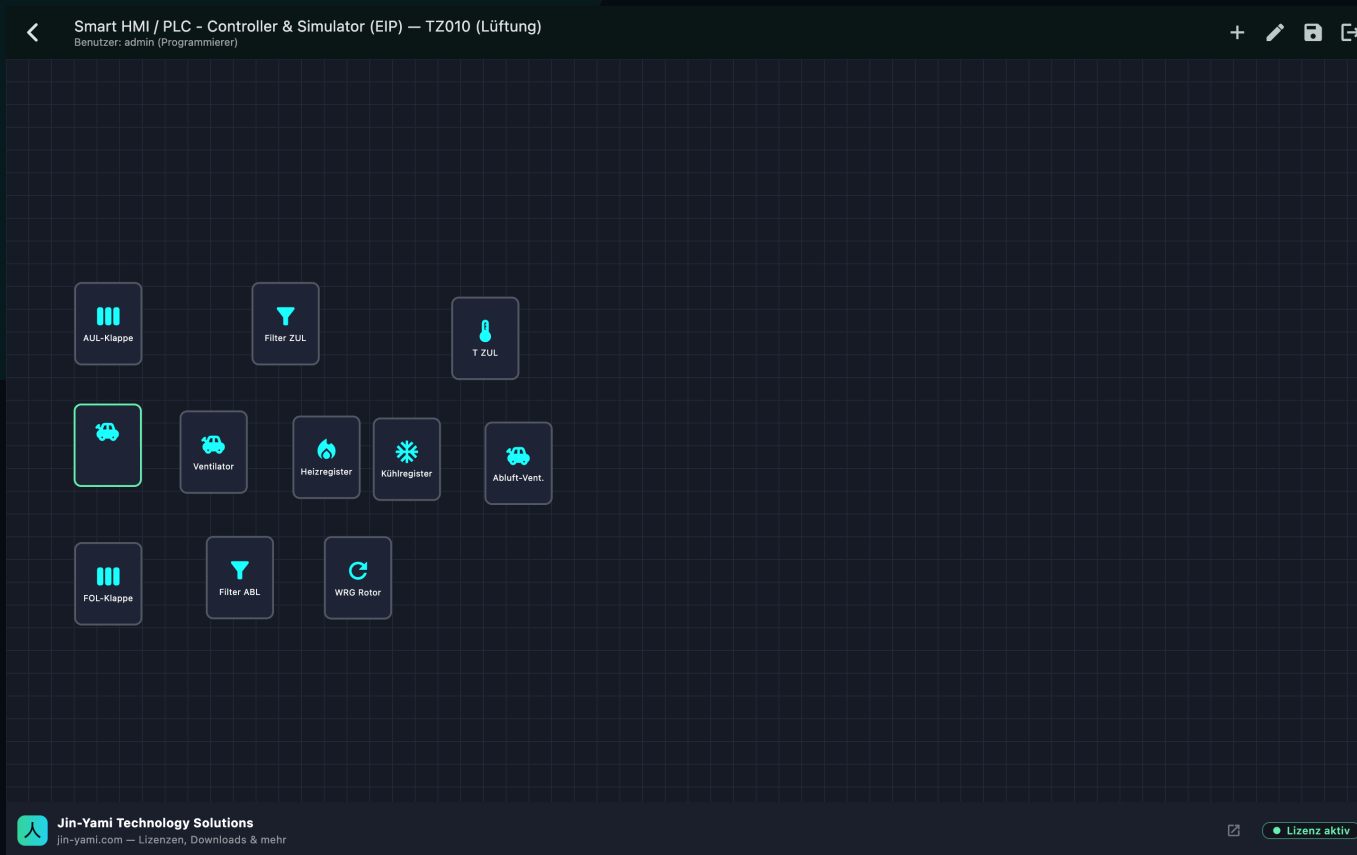
HVAC components can be created here to allow simple switching.

HVAC plant schematics



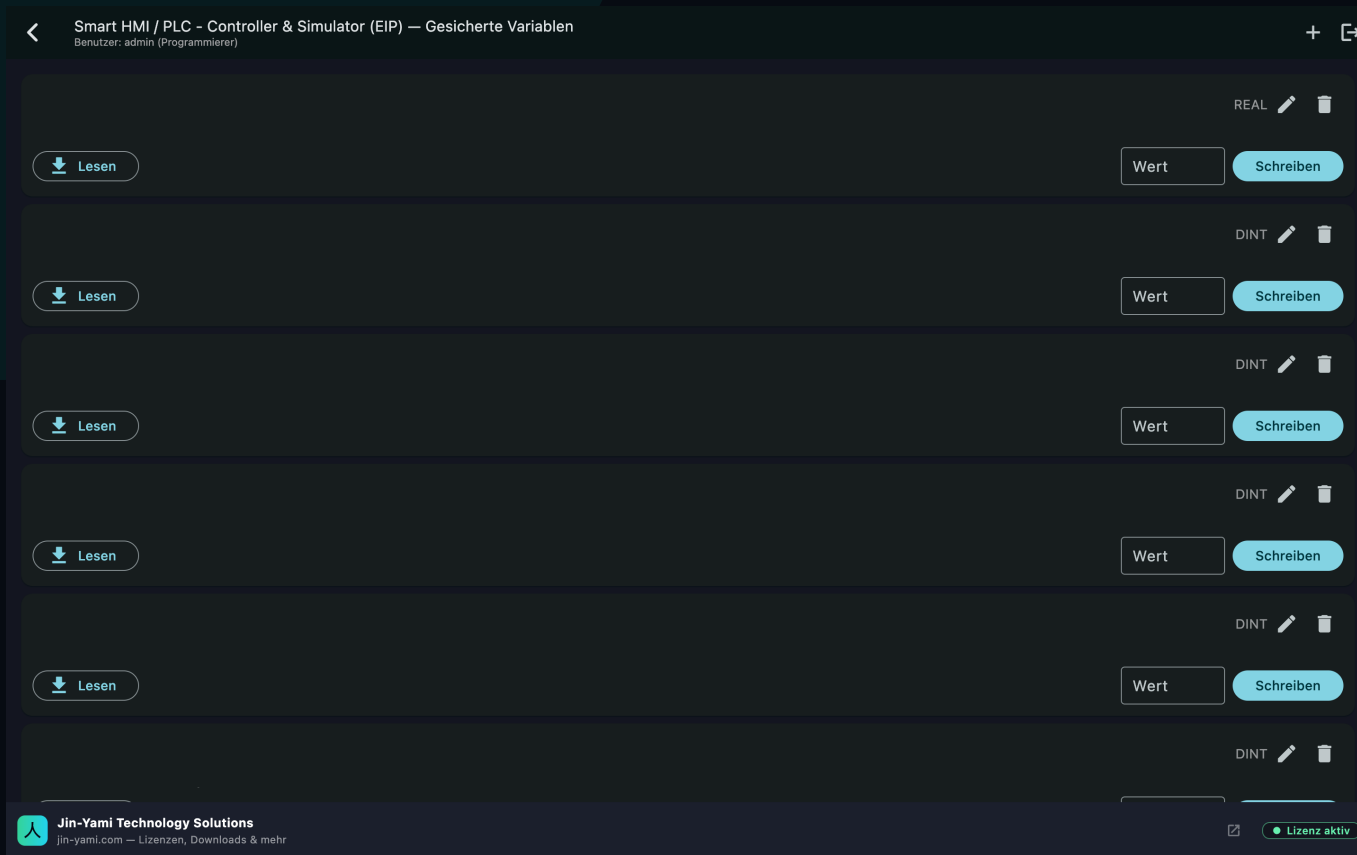
This menu leads to the HVAC plant schematics. Any number of schematics can be created.

Plant schematic



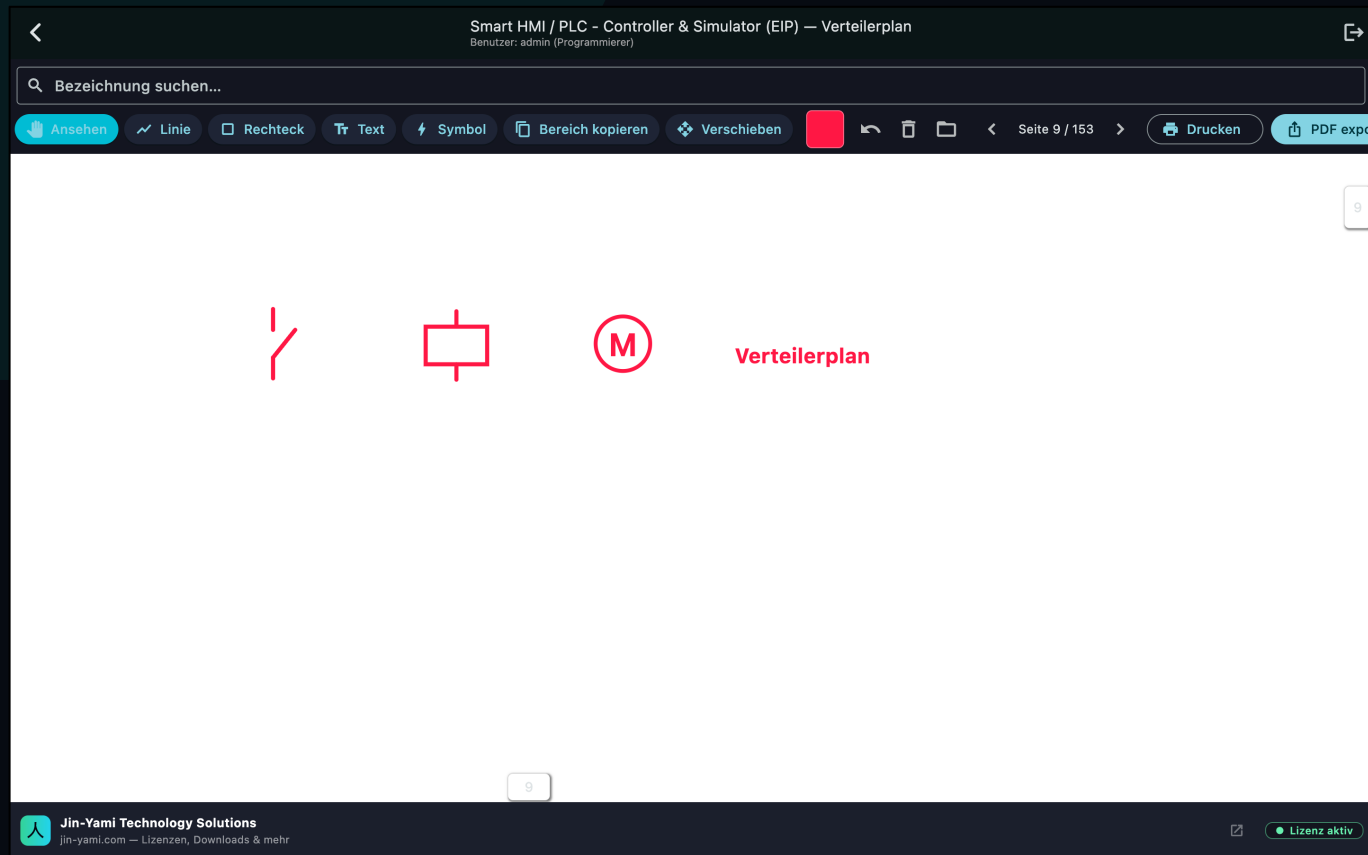
One of the plant schematics has been opened here.

Saved variables



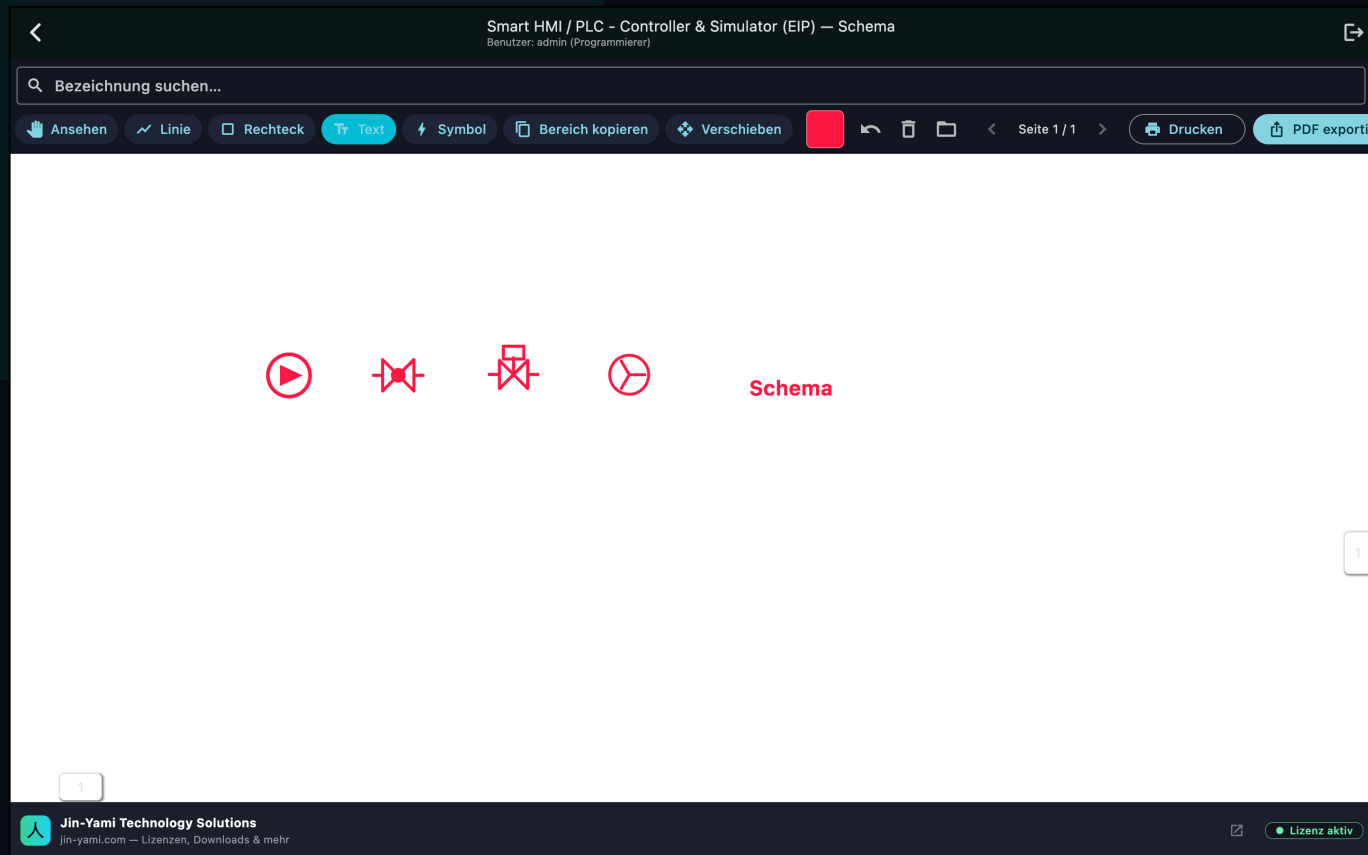
All saved variables are created and managed here.

Distribution plan



Under “Distribution plan” the wiring plan of a control cabinet can be inserted. Information from the I/Os is searched here; the plan can be edited.

Schematic



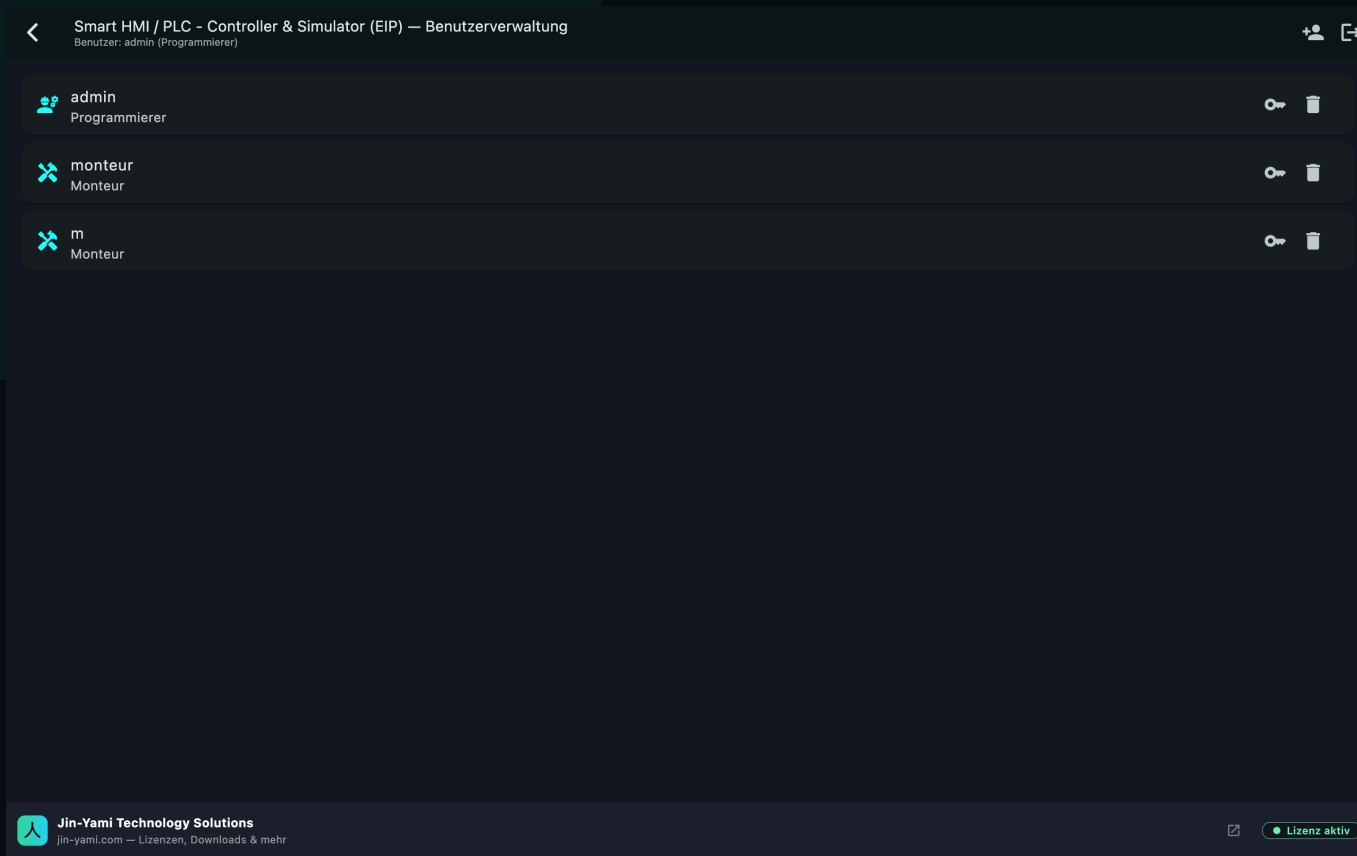
Under “Schematic” the plan of a ventilation, heating or cooling system can be inserted. Information from the I/Os is searched here; the schematic can be edited.

Settings



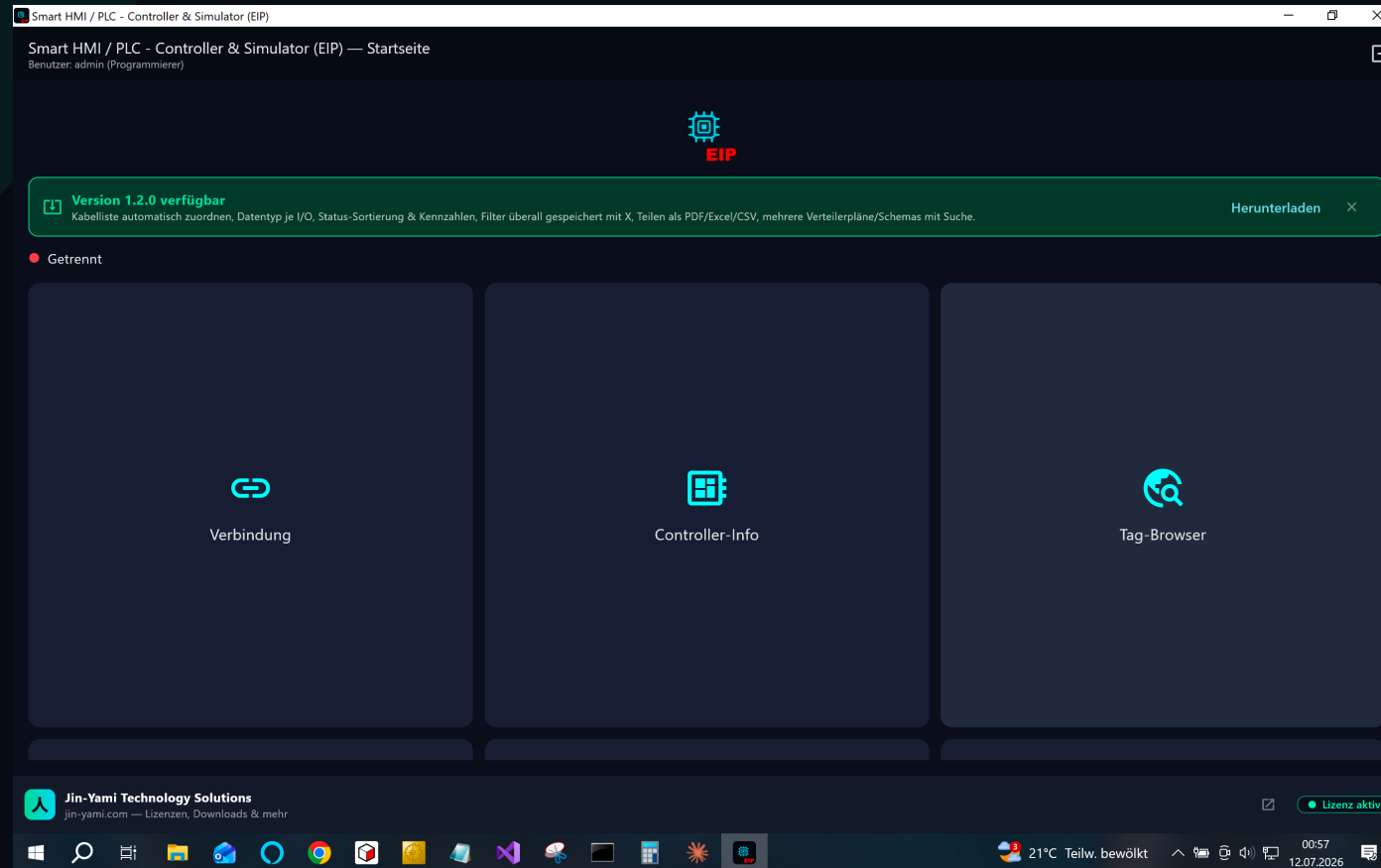
Under “Settings” you get insight into the software version, license, user activity and user management. All software data can also be exported and imported.

User management



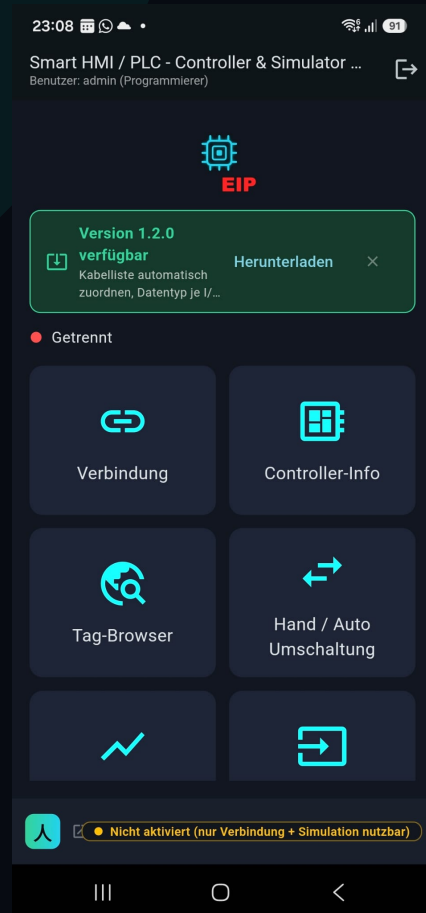
The software's user management is shown here.

Windows desktop



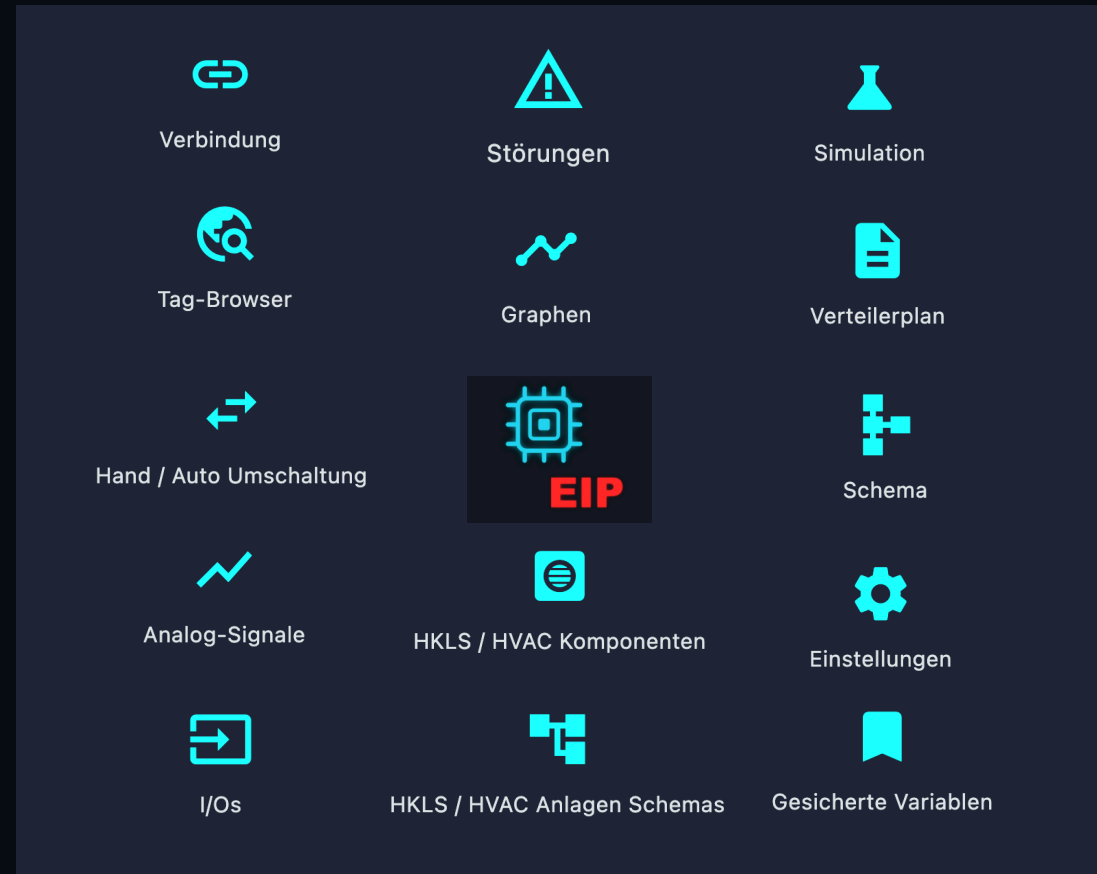
The software as a native desktop application on Windows.

Update notice



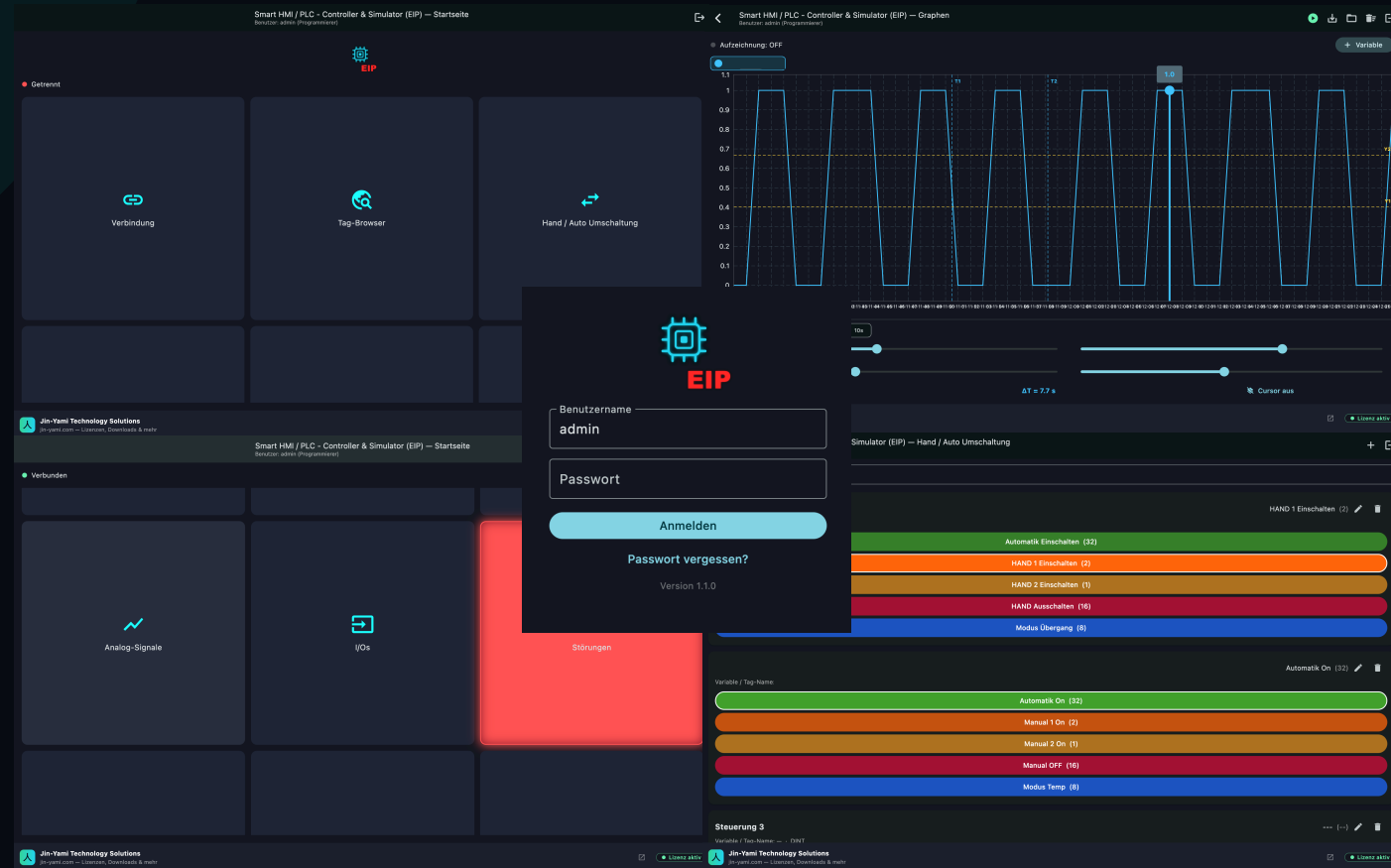
Available updates are shown directly at the top of the app.

Feature overview



All modules and functions of the software at a glance.

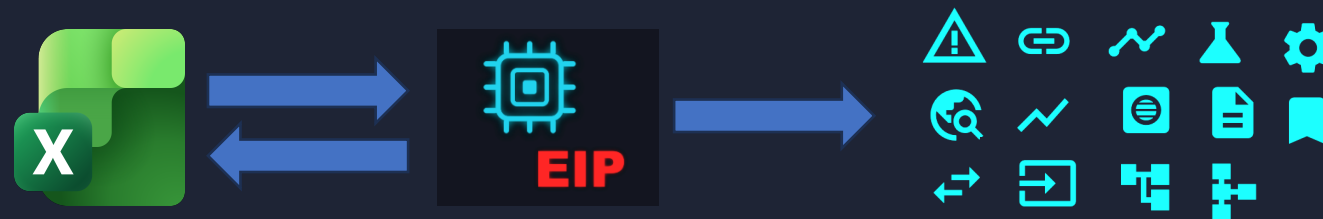
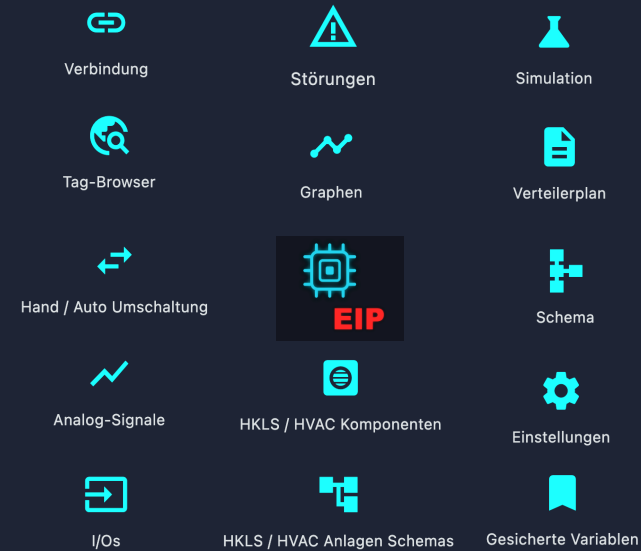
The app in use



Insights into operation across different platforms.

Excel / CSV import & export

Excel / CSV Import & Export



Every function of the software can be imported and exported via Excel or CSV.

Security & licensing



Device fingerprinting

Unique identification via hardware IDs (SMBIOS, CPU, MAC, disk) – hashed with SHA-256.



Encrypted storage

License data is encrypted with AES-256 and stored securely using platform-native mechanisms.



Protection against misuse

Online activation prevents unauthorized duplication, e.g. by VM cloning.

Who we work for



Machine building

Control development & diagnostics directly on the machine.



Plant engineering

Integration and commissioning of complex production lines.



System integrators

Cross-vendor communication and data integration.



Maintenance & service

Fast diagnostic tools for everyday use.

OUR DIFFERENCE

Why Jin-Yami?



From the field

Developed by automation engineers who know the problems first-hand.



Truly cross-platform

One app for Windows, macOS, iOS and Android.



Vendor-neutral

Communication across Beckhoff, Rockwell and PROFINET worlds.



Secure by design

Modern encryption and license protection from the start.

OUTLOOK

More than software

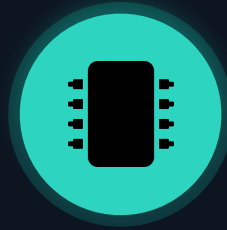
Jin-Yami is growing into a brand for automation solutions – software today, hardware and accessories as the next step.



Software

The Jin-Yami app as the central tool for communication and diagnostics.

AVAILABLE



Hardware

Our own automation and diagnostic hardware in development.

PLANNED



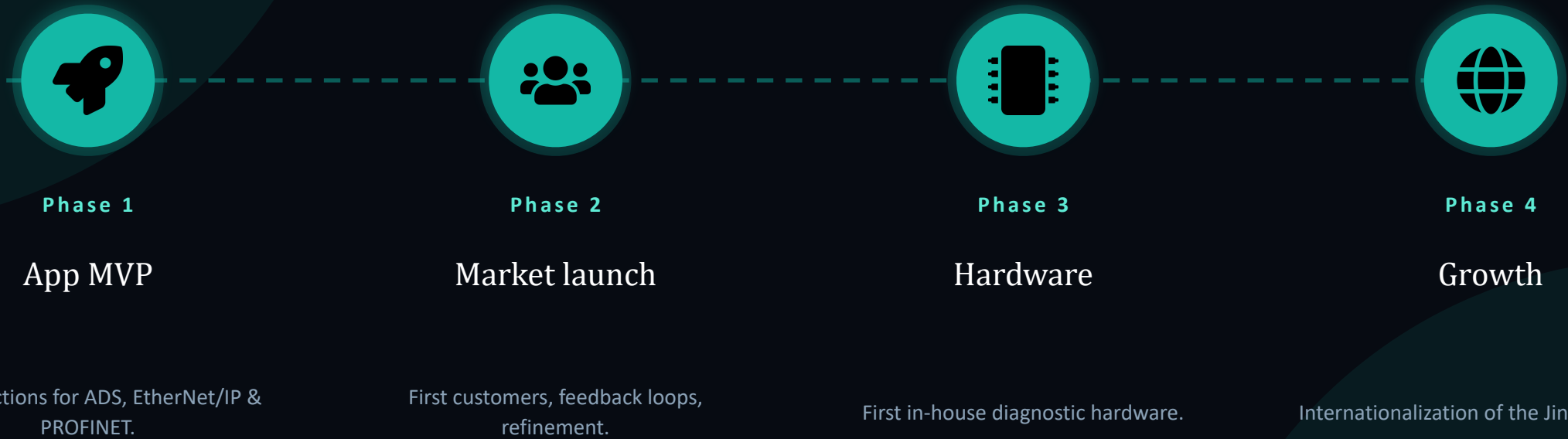
Accessories

Complementary products, including 3D-printed manufacturing.

VISION

THE WAY FORWARD

Roadmap



CONTACT

Let's talk

Interested in working together or want more information about the Jin-Yami app? We look forward to hearing from you.



Email

support@jin-yami.com



Web

jin-yami.com



Location

Austria



THANK YOU

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