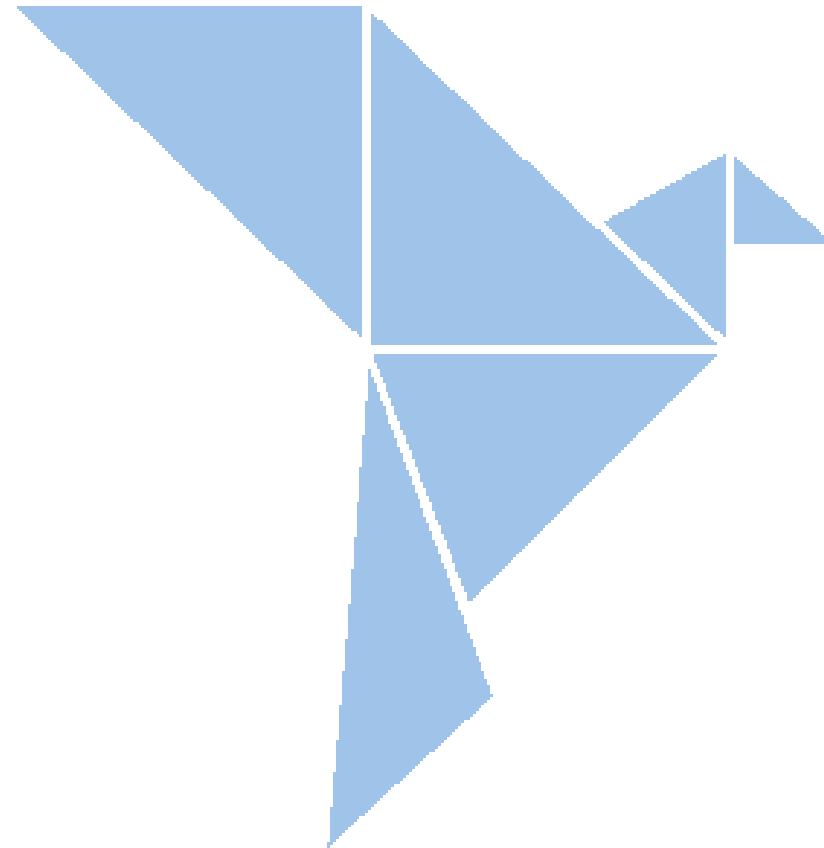


Meetup

02.09.2025

- Intro to LabFREED and Purpose of Meetup
- Showcases of LabFREED in Action, incl. Q&A
- Outlook to New Building Blocks
- Getting Involved



Welcome to the LabFREED Meetup

About LabFREED

- Open community for **actionable lab digitalization**
- Focused on solving **everyday lab challenges**
- Simple, practical solutions instead of over-complex systems
- Building blocks like **PAC-ID**, **PAC-CAT**, and **T-REX** for interoperability



Welcome to the LabFREED Meetup

About the Meetup

- Monthly, informal gathering of the community
- A space to **exchange ideas, share experiences, and connect**
- Kick off collaborations, explore new building blocks, and dream big (while starting small)
- Everyone welcome – whether curious newcomer or active contributor



LabFREED in Action

Showcases of Building Blocks in Action

Transfer Support Data With T-REX

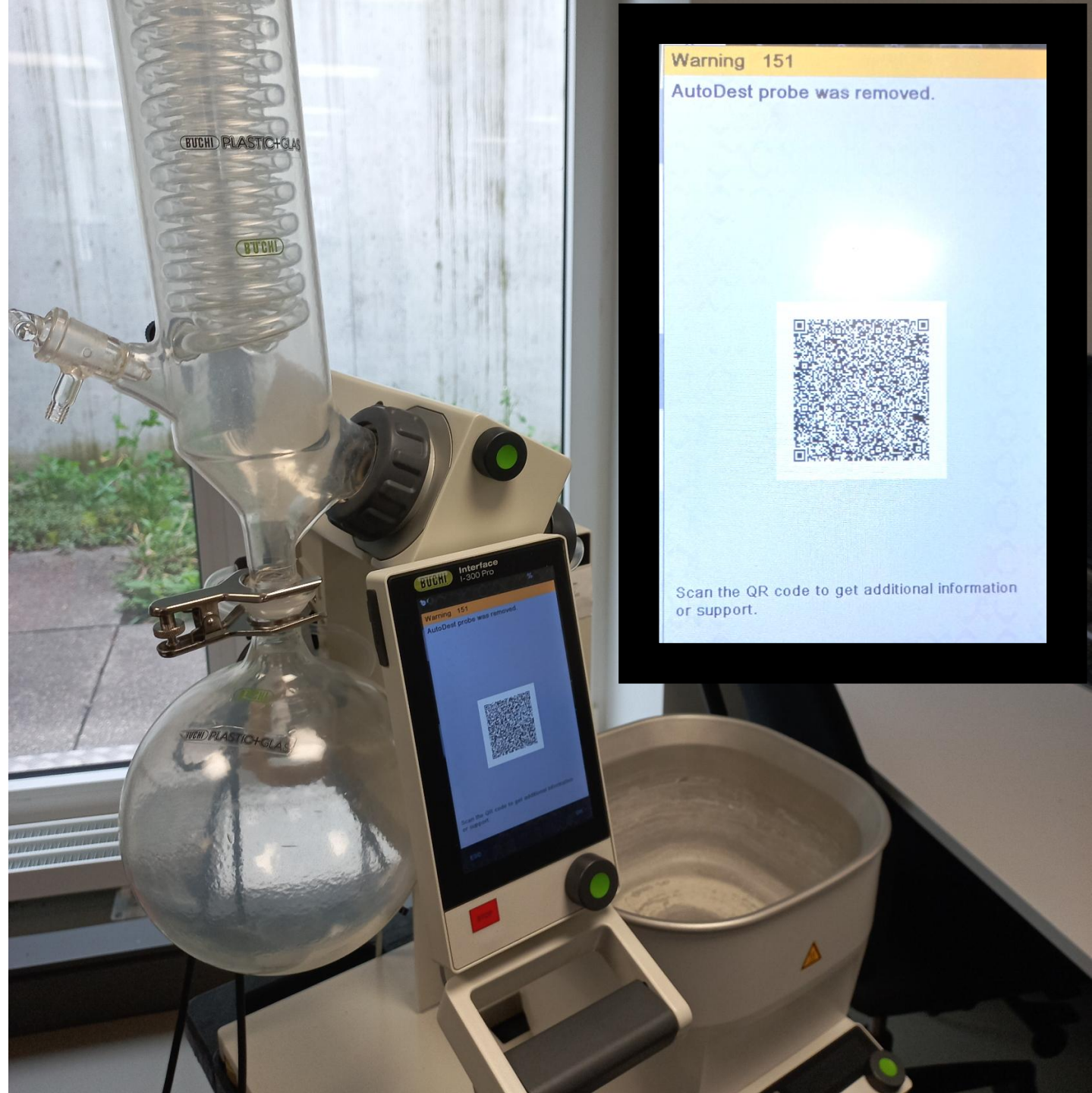
Challenge

Getting reliable information about instrument state in support case

Instruments are offline

Solution

Use PAC-ID and T-REX to transfer data



In-House Asset Identification

Challenge

Assets, such as printers are not systematically identified and information is hard to come by.

IT tickets for trivial problems are created

Ticket type mismatch

Solution

- Use PAC-ID to identify printers
- PAC-ID resolver for quick access to information
- Prefill ticket form



My Printer



PAC · ·

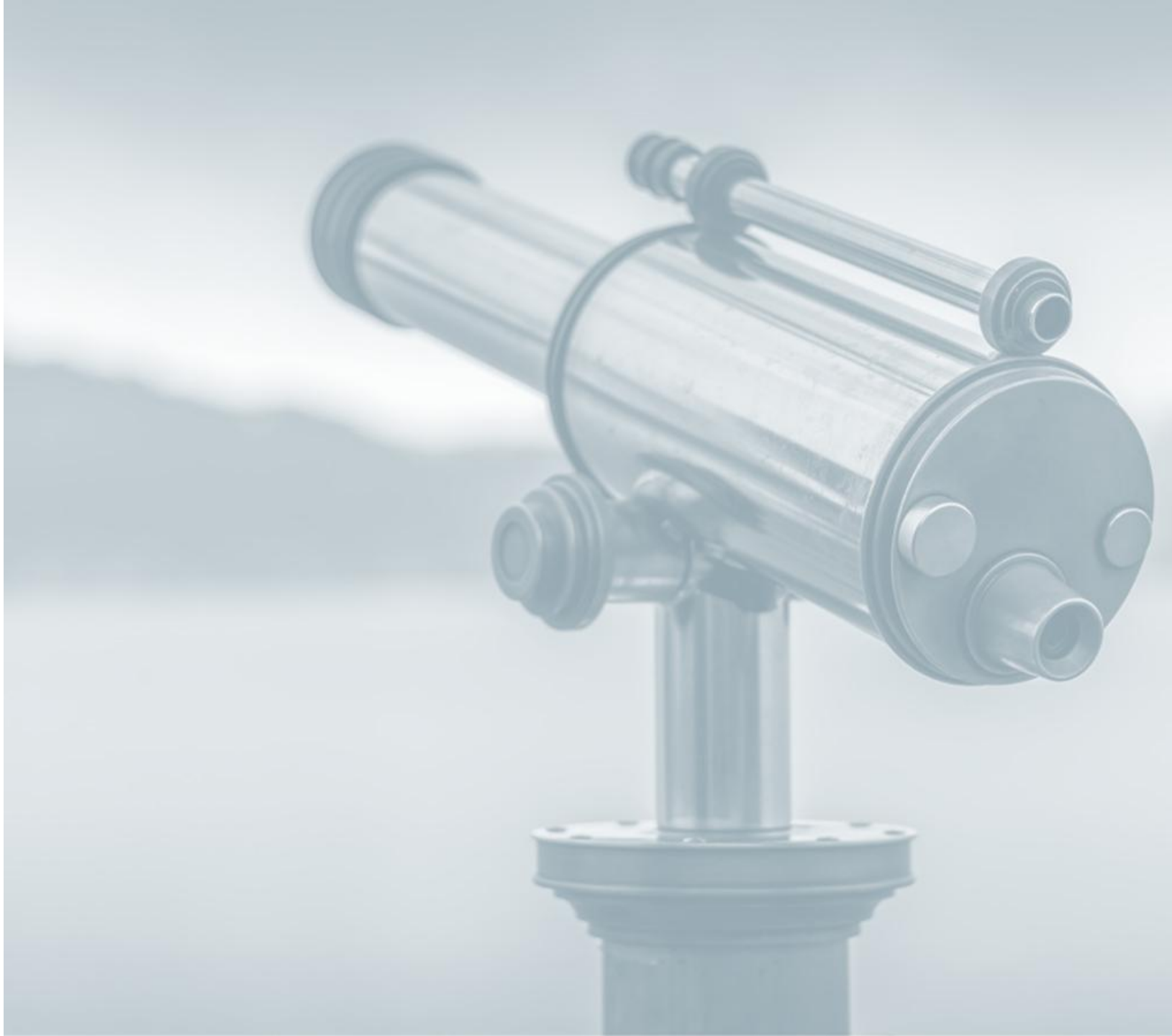
Model
E-CANON-PRINTER

Serial Number
3BR03769

ID
10015



Outlook to New Building Blocks



PAC-ID Attributes

Challenge

Information about entities is fragmented in many systems and access is cumbersome

Solution

PAC-ID Attributes: A standardized, vendor-neutral web interface for retrieving metadata.

GHS Safety Info
Physical Properties
Exp. Date
Opening Date
...

Name
Office
...

Qualification State
Name
Responsible Person
Operation Limits
...

Result
Execution Date
Operator
Instruments used
...

Get started with LabFREED

Challenge

Solution



Getting Involved

Trying specific use cases helps us most.

We intend to adapt to

LabFREED Webtools

Python library

Feedback: Discord

