

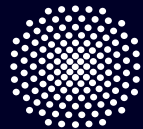


# Engineering Industrial Applications with Generative AI

## Ferienakademie Course 2

Sarntheim (Italy), September 22 - October 4, 2024

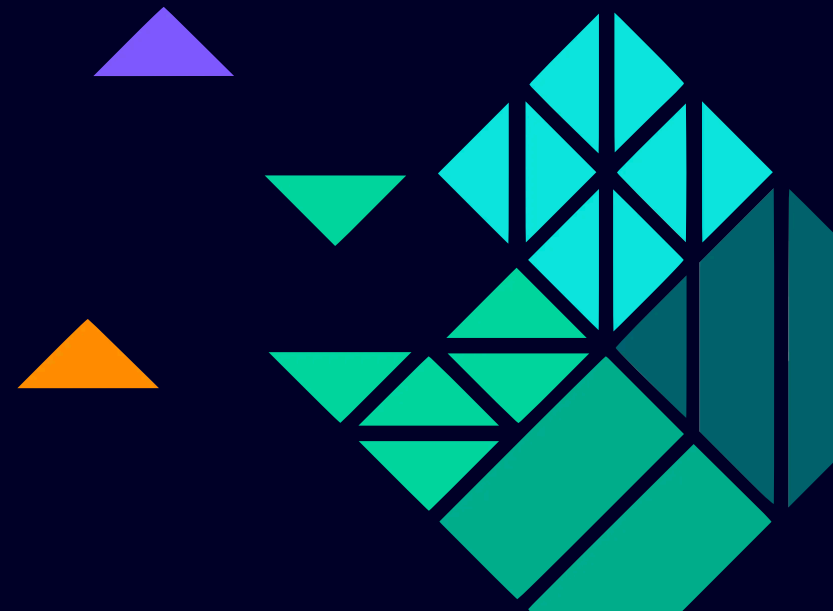
Participating Universities



Universität Stuttgart

In cooperation with

**SIEMENS**





# Edge configuration

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Leander, Mikhail, Niclas, Tim



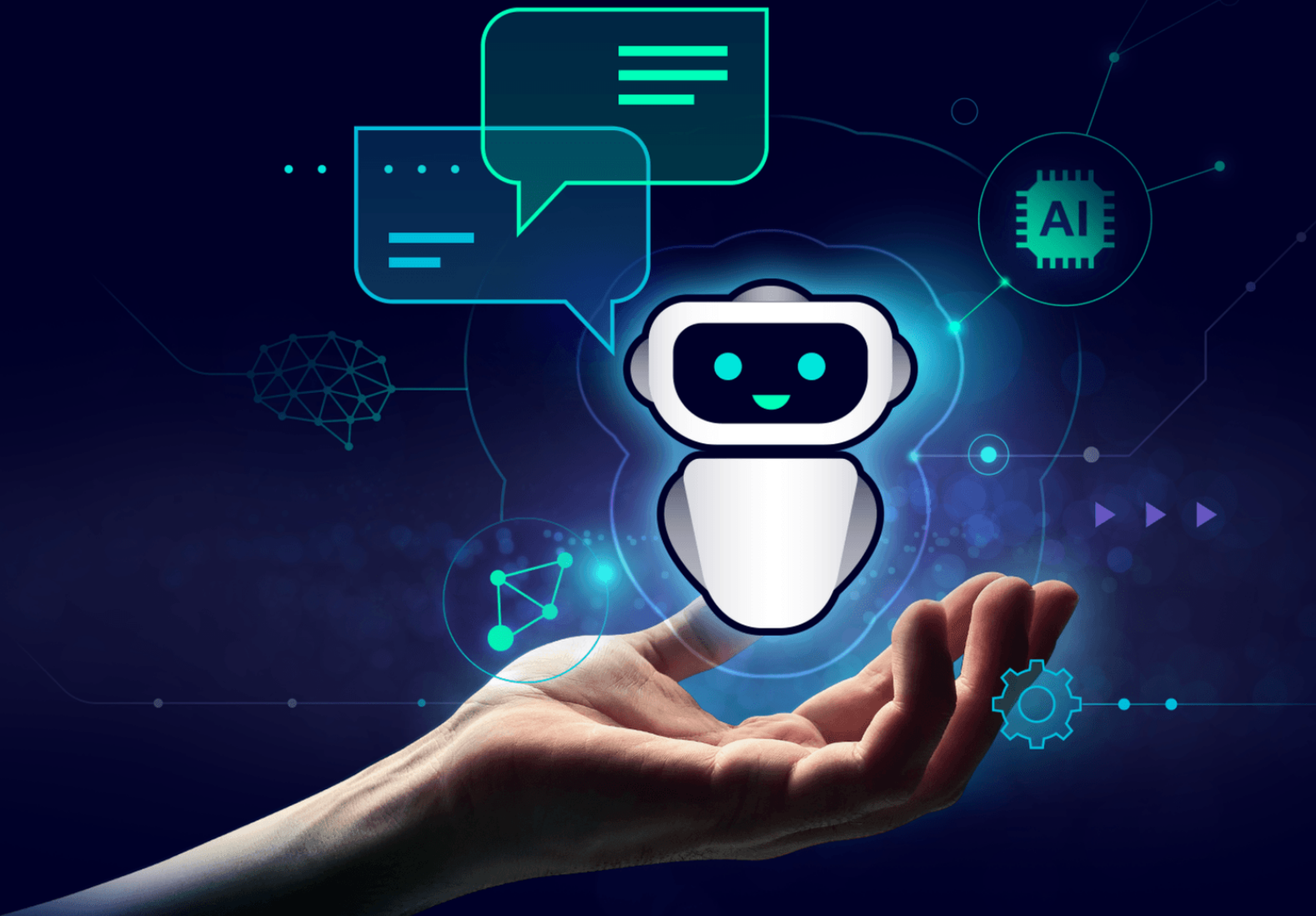
# Problem Statement



**Currently engineers take up to 40 hours to set up **edge devices**.**

*Christoph S.*

# Proposed Solution

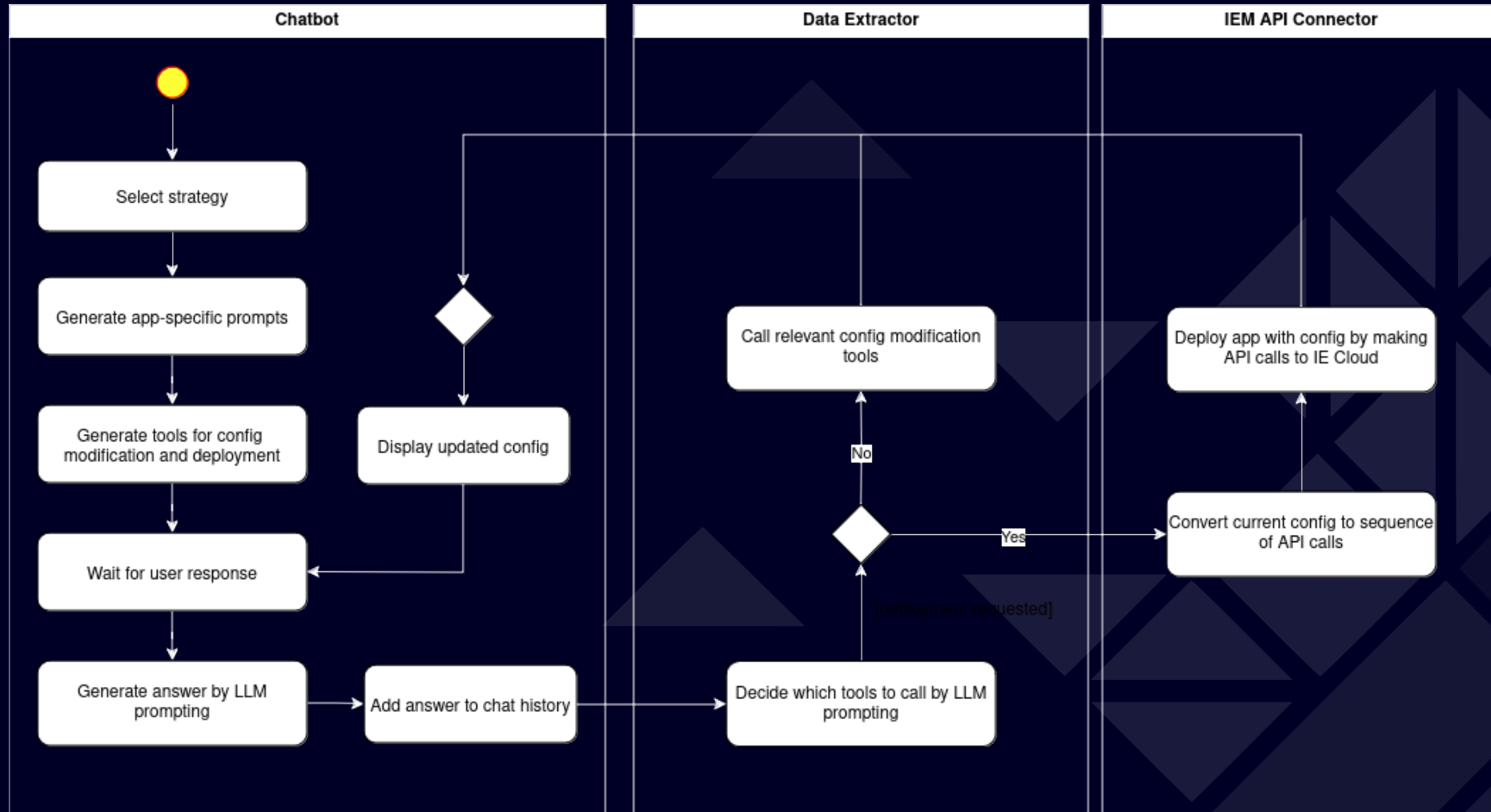


# Features



- Configuration of IE Apps
- Support with IE Configuration knowledge
- Direct deployment

# Architecture



# Demo



Management - Industrial Edge

streamlit\_app

configuration loaded

your API Settings

Deploy

## Configuration Generator

Configure your LLM Access in the input below and write your description in the chat input. The assistant will generate a configuration for you.

Target

☒ Edge Config

Write something

>

# Future Work



- Adding more apps like **Databus**, **Cloud Connector** etc.
- Overview over the current installed configurations
- Change existing configurations in IEM using the **chatbot**
- Improve the **general assistant capabilities** of the Edge configurator