

What are the challenges in Munich?

Oktoberfest

MUNCHEN



Munich is the biggest municipal administration in Germany



Wide range of tasks and highly specialized

Departments

Department of Construction

Health Department

IT Department

Department of Cultural Affairs

Department of Mobility

Department of Education and Sports

Department for Climate and Environment

Department of Social Services

. . .

Service providers

Waste Management IT Service Provider

. . .

Wow, cool Job!

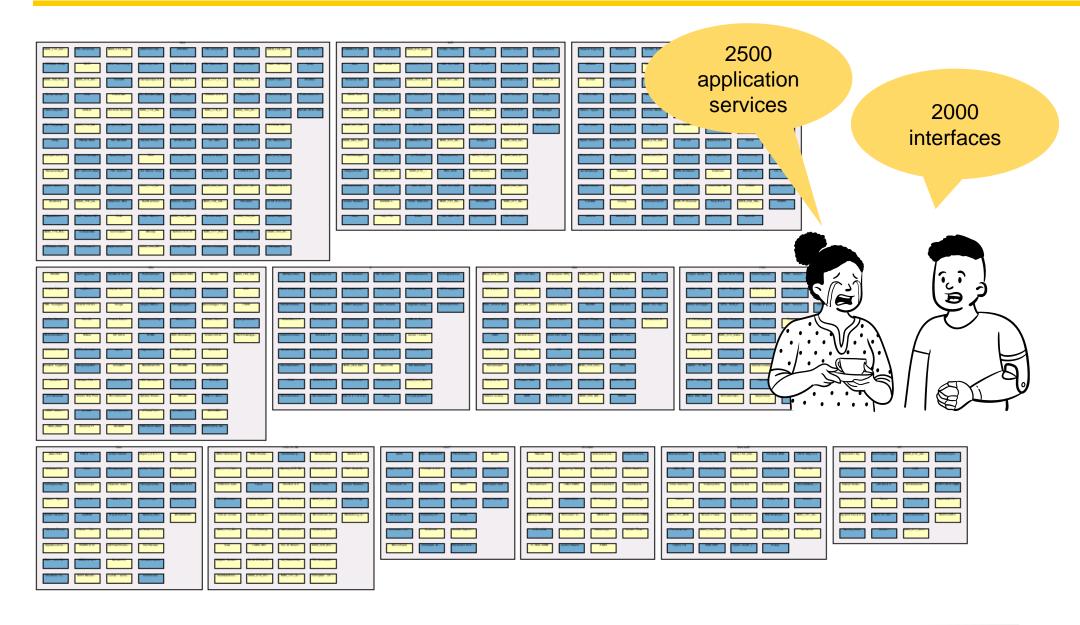


Oh ooh, very complicated





Heterogeneous and complex IT landscape



Expectations are very high

Higher speed in digitalization

Better UX for citizens and businesses

End-to-end Processes

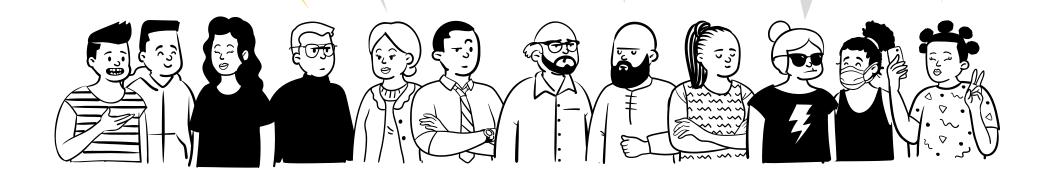
Interaction with citizens

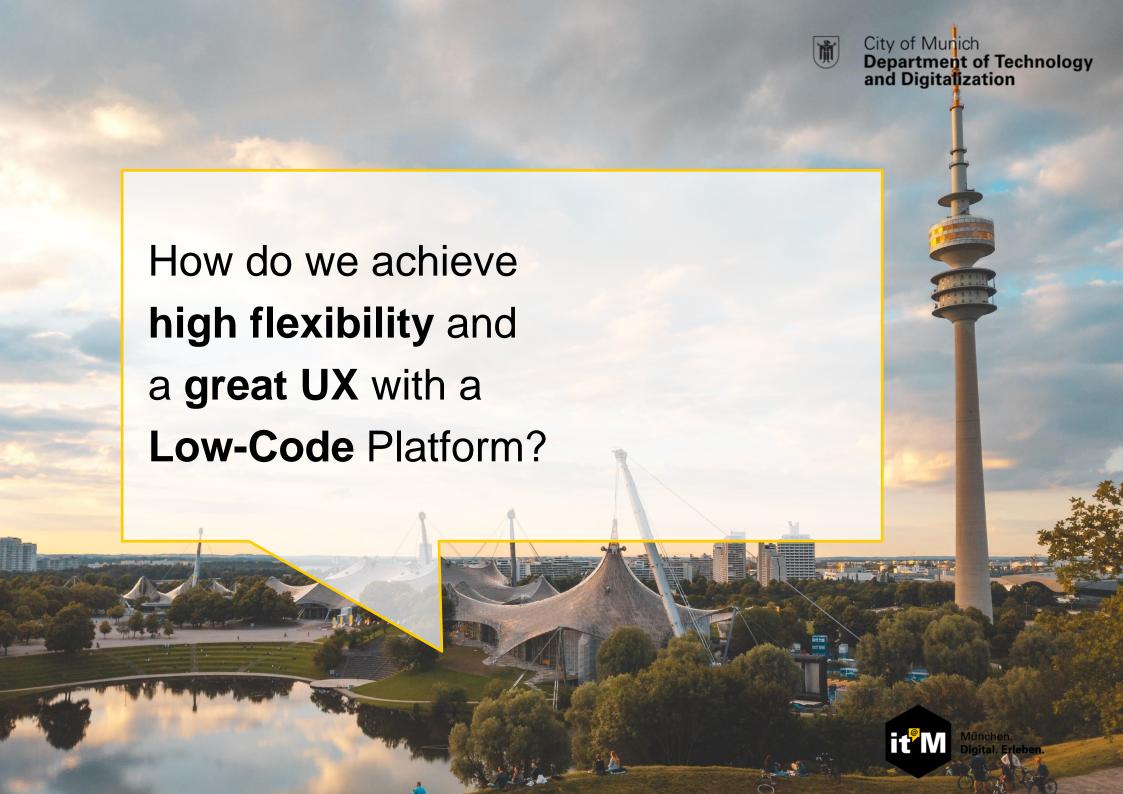
Transparency

Flexible solution for the complex IT landscape

Shorter throughput times

Low-Code, Citizen Developer







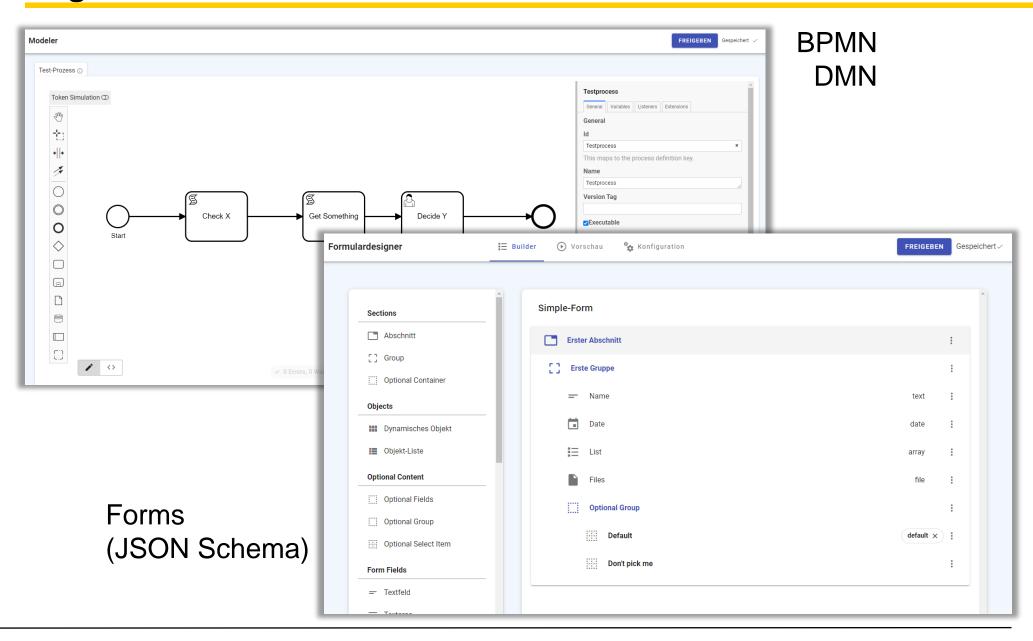
Digital Workflow Platform

From Low-Code to Pro-Code

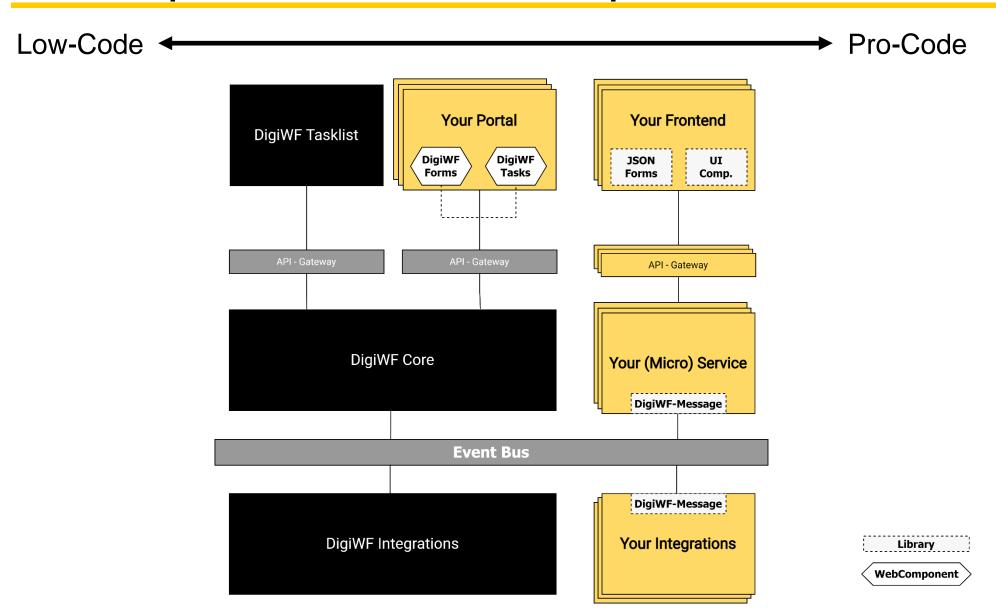
DigiWF Architecture

build run Business Process Layer
BPMN Definitions, DMN Tables, Forms, API Definitions and Configuration **CoCreation** Design Processes, Create Forms, Test **Event Bus** Topics for communication between components **Application Integration Layer** External-Services, Legacy Systems ...

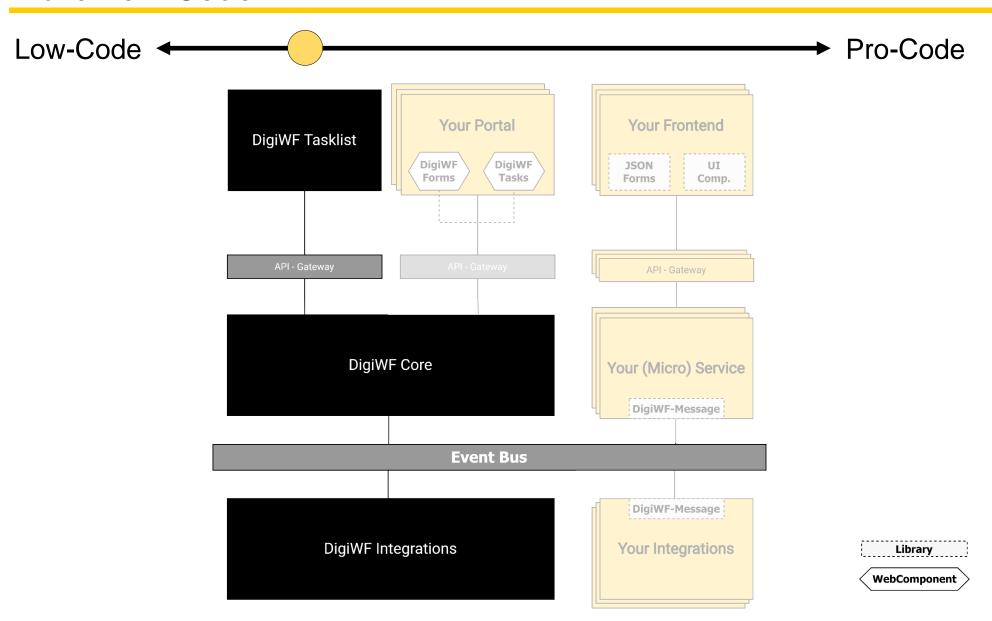
DigiWF CoCreation



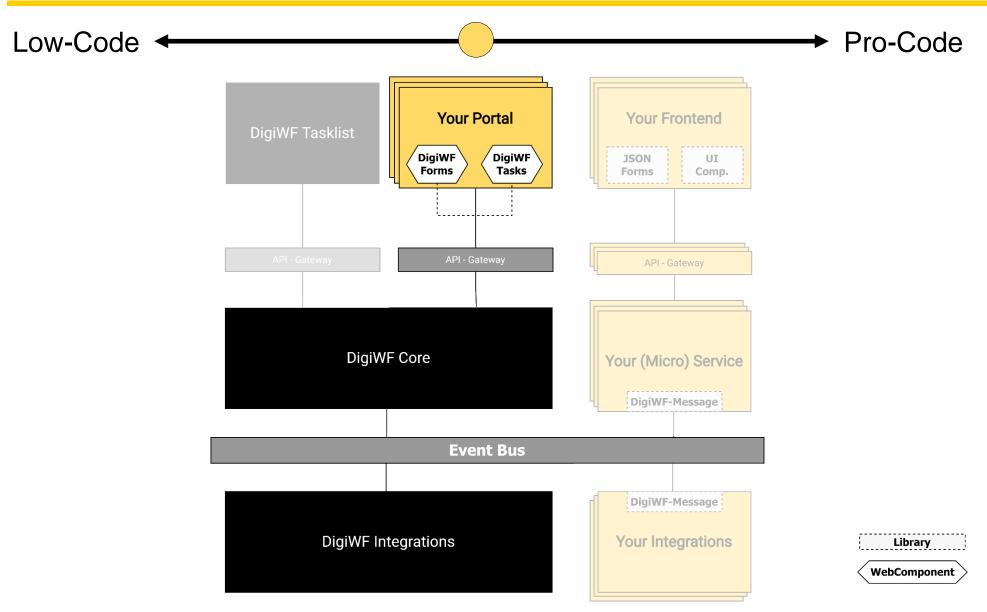
From Simple and Standardized to Complex and Custom



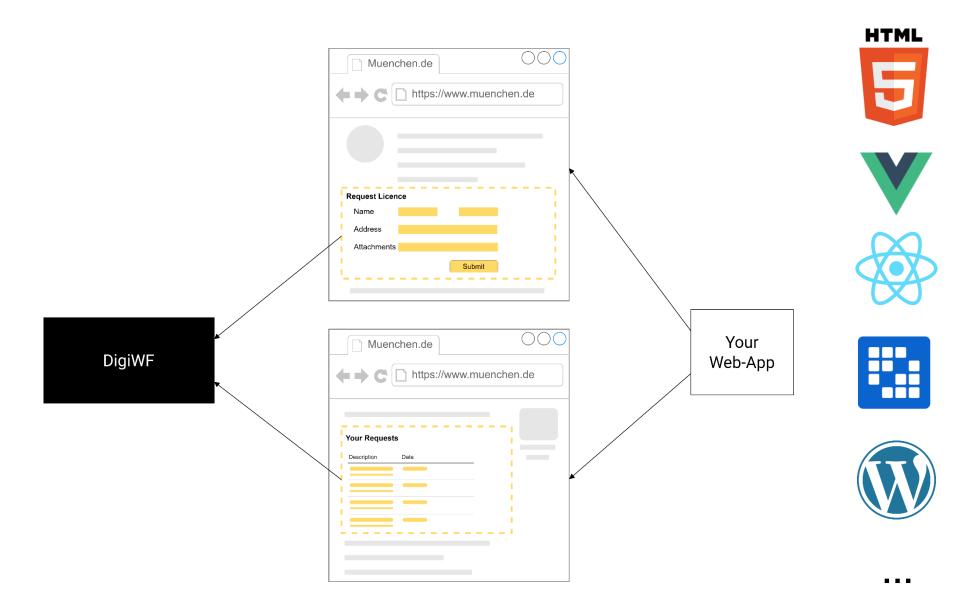
Pure Low-Code



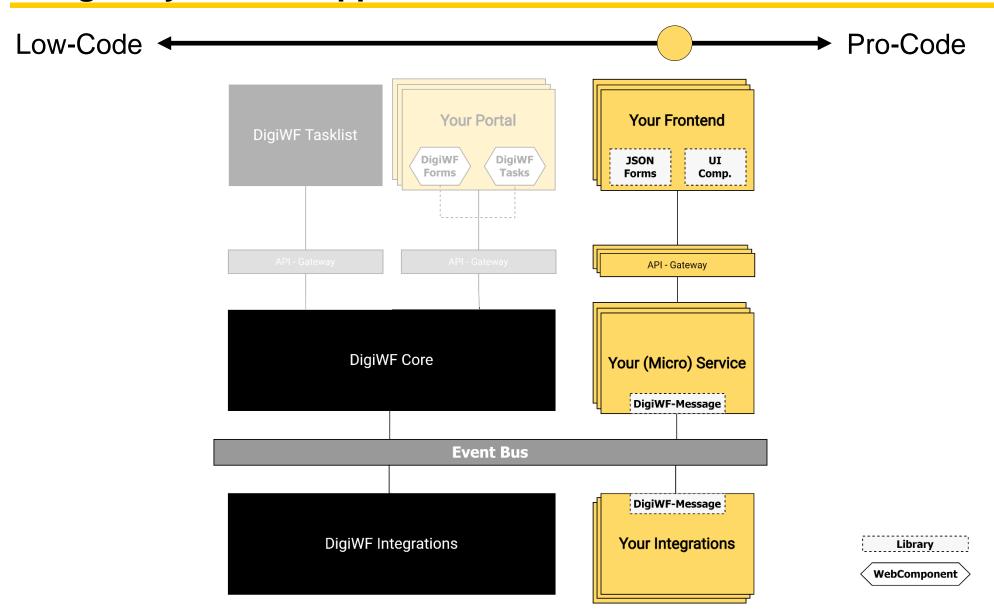
Bring your own UI



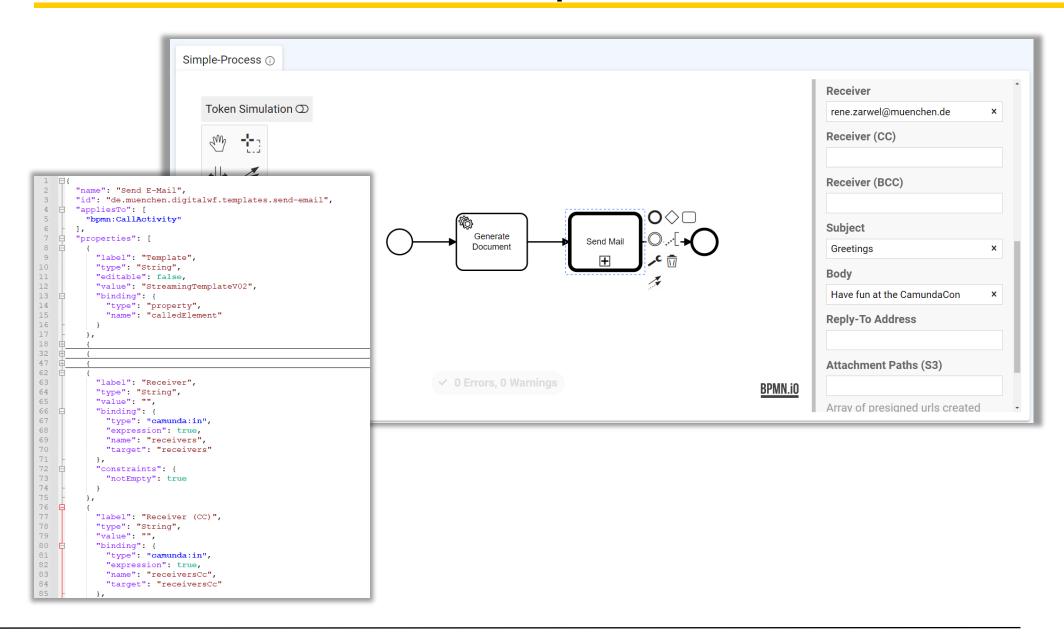
Micro Frontends with WebComponents



Integrate your own Application



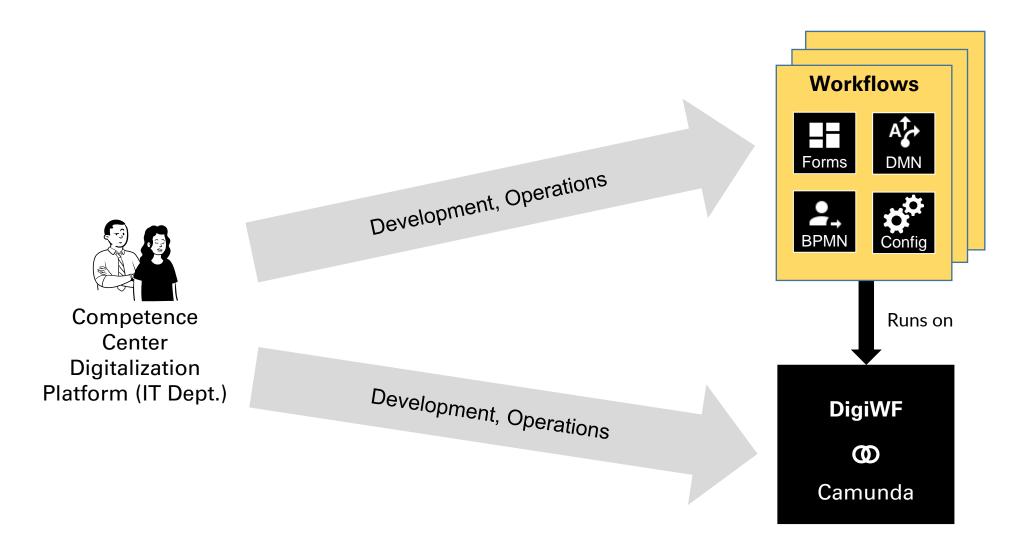
Provide Basic Functions and Templates



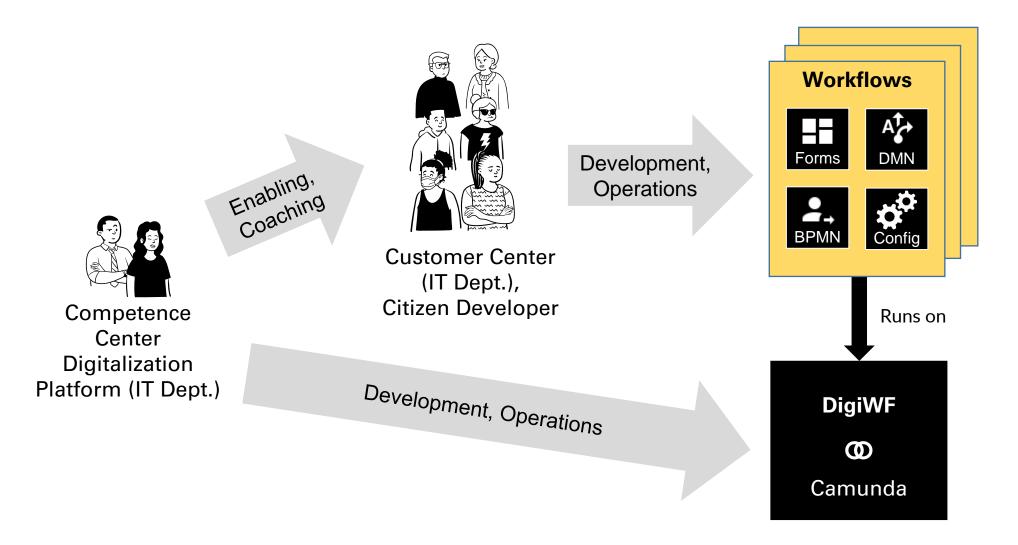
For us, Low-Code means that developers provide functionality with standard technology that can be easily reused.

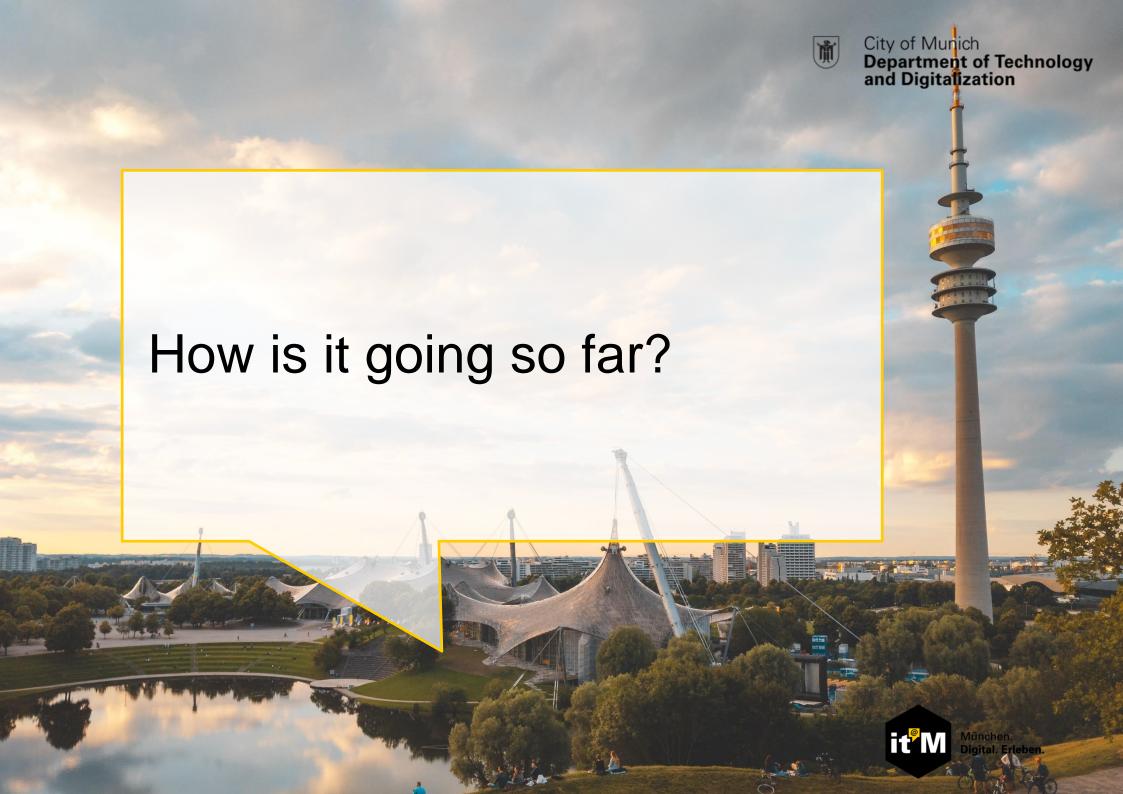


A Competence Center to boost digital transformation?

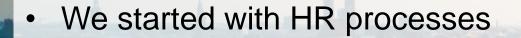


Scalable organization to boost digital transformation





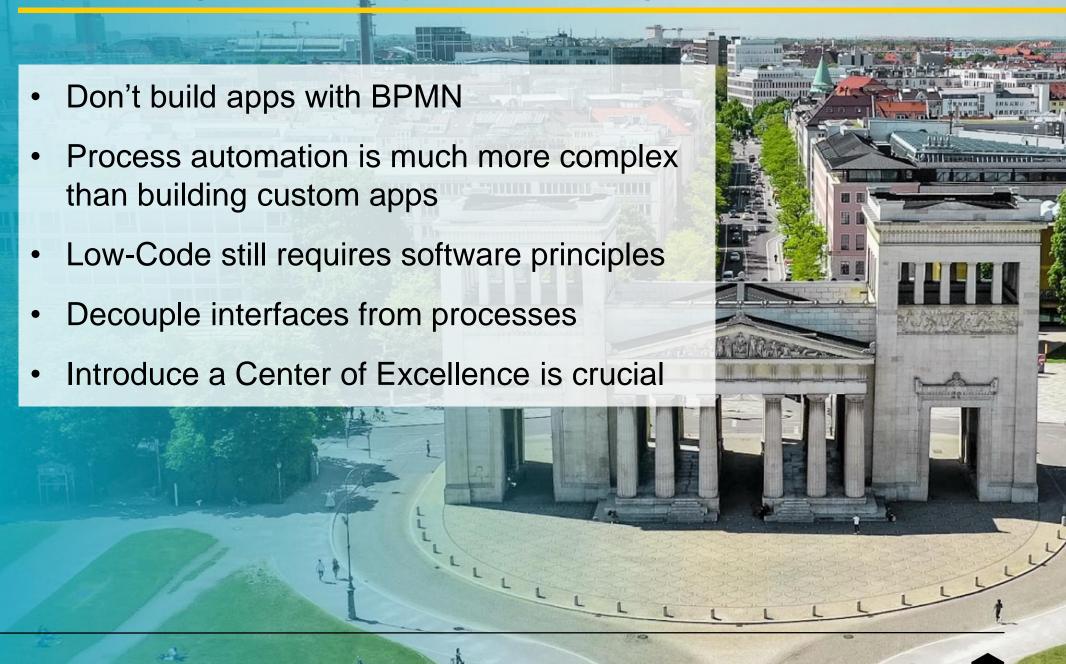
Successes and starting difficulties



First successful citizen development

1 Project stopped

Key learnings after three years of working





Public Money Public Code

Made with \heartsuit in Munich

https://digiwf.oss.muenchen.de/





https://github.com/it-at-m/digiwf-core



Thanks for your attention!



Dirk Gernhardt

Head of Competence Center Software Engineering



René Zarwel

Software Architect

Product Owner of DigiWF





