Innovation as a Team

We solve complex IT problems with the highest quality standards.

There is a reason we are one of Germany's most successful bootstrapped IT consulting startups.

This is iits

One team - the right expertise for every IT challenge.

120
colleagues

Our location-independent selection process in Germany enables us to guarantee the highest quality standards. In 2023, only 1.7% of the 1,780 applications were successfully accepted into our team.

10.000
hours of training

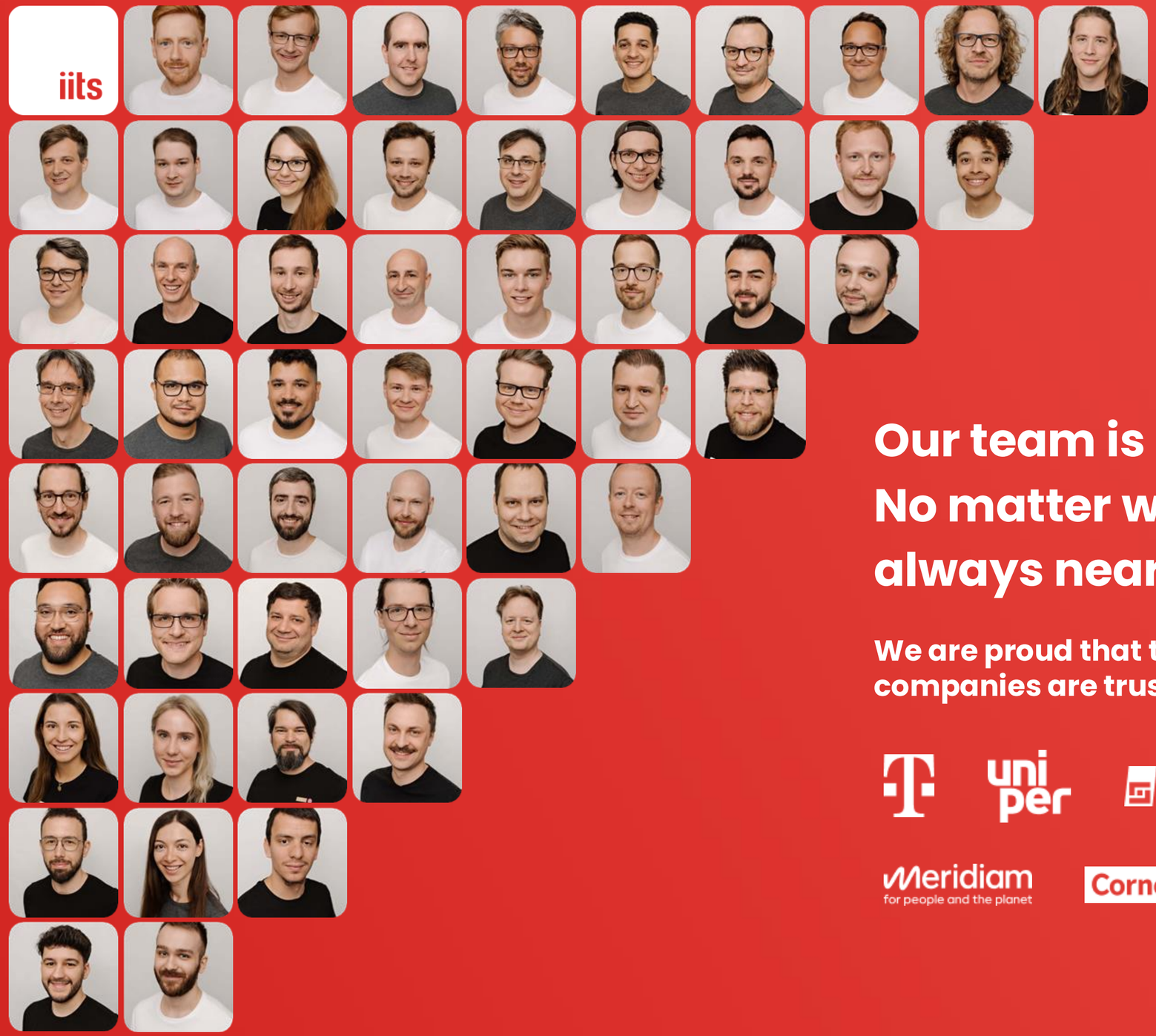
We encourage and demand continuous development by allocating time and budget and working together to develop tailor-made training plans.

55
satisfied customers

Whether medium-sized companies or large corporations, we master complex technical requirements and demanding projects with skill.

98
projects

Over time, we have successfully implemented many exciting projects and are working on the next big applications.



Our team is located all over Germany. No matter where you are, we are always nearby.

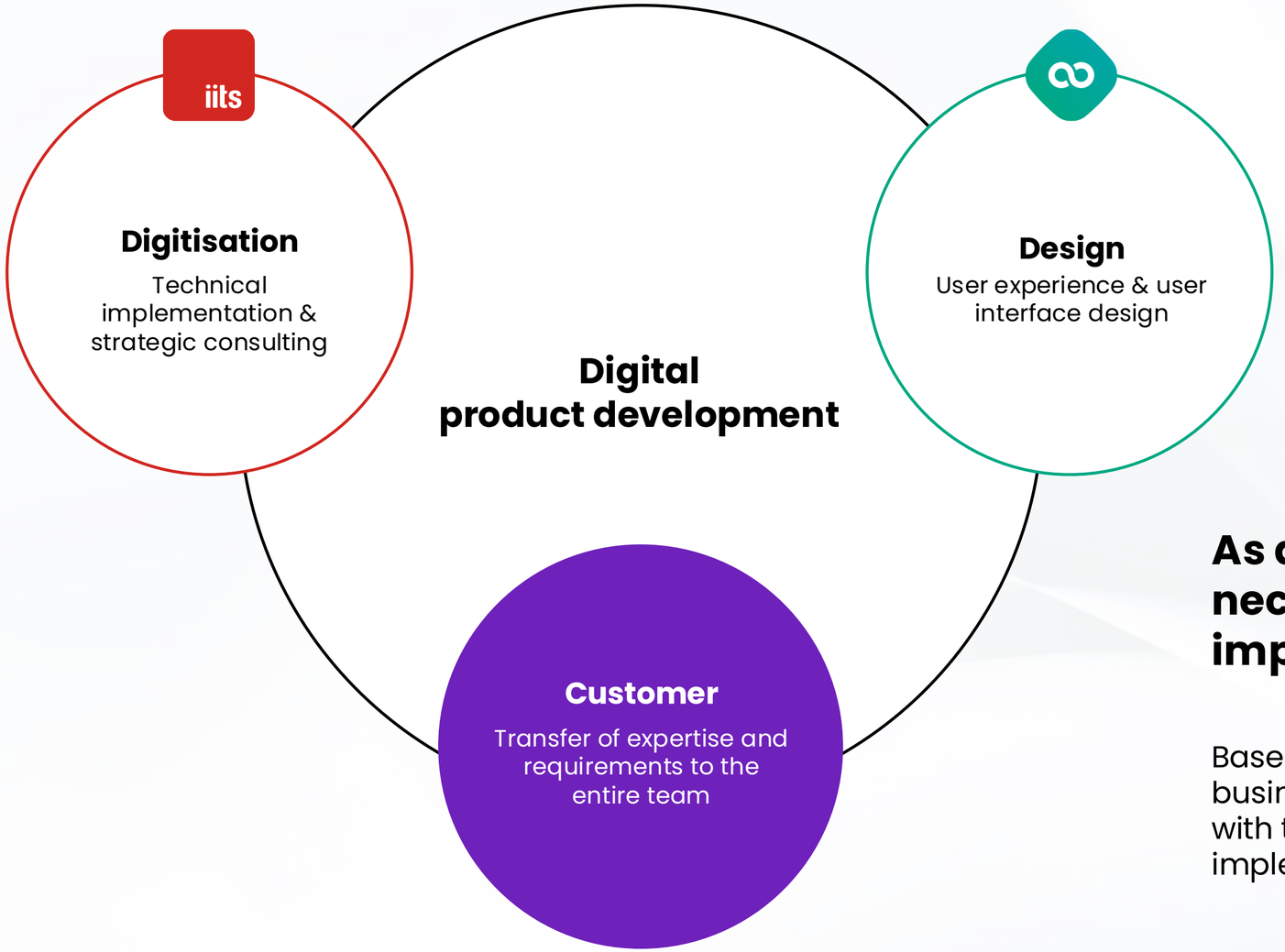
We are proud that the following companies are trusting us for years:

T · uniper · GOLDBECK · pwc · SCHWARZ Produktion

Meridiam for people and the planet · Cornelsen · VATTENFALL

One team, one vision, one product

Together we master the implementation of digital products.

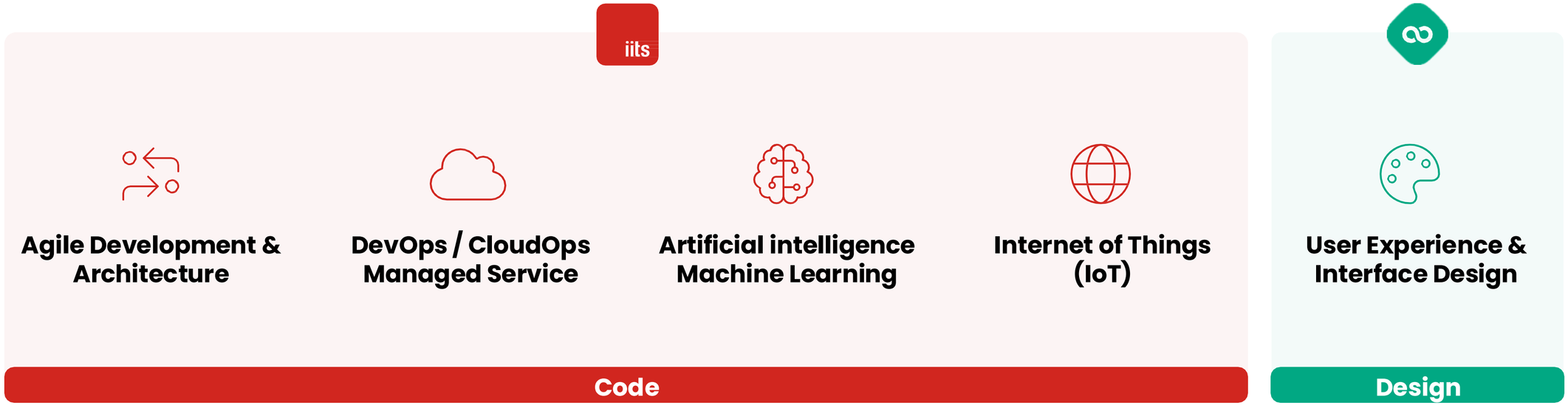


As a team, we combine all the necessary competencies to efficiently implement your requirements.

Based on well-established processes, we gather your business requirements and convert them, together with the requirements of the users, into a structured implementation plan.

Services of iits

We are an IT service provider for the development of digital products.



Artificial intelligence

We make the impossible possible – digitalization and value creation on a new level.

Our tech stack

- Python, R
- LlamaIndex, Langchain, LangGraph, ...
- Azure AI, OpenAI, Anthropic or private OpenSource LLMs
- Tensorflow , PyTorch
- Data Lakes, Snowflake and Spark
- ONNX, MLflow, Metaflow

Concept development & data analysis

Optimization of complex processes and systems

Deep knowledge in the field of AI

MLOps and private model operation

Benefits of our agile development teams

- **Experience from science and technology:** our successful projects show how AI can be used sensibly, value-adding and sustainably.
- **Understanding instead of voodoo:** step by step for a suitable overall solution.
- **Sustainable, robust solutions:** seamless integration into existing infrastructures.
- **Overview** and **control** thanks to modern and intuitive user interfaces.
- **In-depth knowledge in the large field of AI:** from computer vision to multi-criteria optimization, machine learning, AgenticAI to forecasting and data science.
- We are AI implementation partners of **TU Dortmund University** and **Fraunhofer IML** in two research projects.

Agile development & Architecture

The entire team works hand in hand to achieve the best result for you.

Our tech stack

- Java/Kotlin
- C#/.NET
- Python
- REST/GraphQL
- Vue.js
- React
- Angular

Certificates

Training partner Jetbrains, ISAQB CPSA-F

Architecture consulting & design

Agile software development

DevOps & Continuous integration/Delivery (CI/CD)

Quality assurance & testing

Benefits of our agile development teams

- **Transparency and communication:** clearly structured sprints, daily stand-ups and open communication ensure end-to-end transparency and efficient collaboration.
- **Faster time to market:** faster go-to-market is achieved through continuous delivery of functional increments.
- **Customer centricity:** permanent customer involvement in the development process ensures that the solution meets real needs.
- **Scalability:** agile teams can be dynamically adapted and expanded to meet project requirements to bring in additional expertise and capacity as needed.
- **Motivated team:** clear responsibilities, opportunities for participation and a strong sense of togetherness create highly motivated and high-performing teams.

DevOps/ CloudOps/ Managed services

Whether petabytes of data or millions of users, we offer expertise to make the most complex projects a success.

Our tech stack

- Infrastructure as Code (e.g.Terraform)
- Internal Developer Plattform
- CNCF OpenSource Tools
- CI/CD (e.g.Gitlab, Azure ...)
- HashiCorp Products
- Cloud Experience(AWS/Azure/OTC)

Certificates

CNCF Member, Certified Kubernetes Partner, Azure/AWS/OTC Partner, HashiCorp Partner, Elastic Partner ...

(Multi)Cloud architecture and migration

DevOps / IDP

Governance, security and compliance

Managed services & operations

- **Over 50 satisfied customers:** we have many years of experience in advising and supporting companies from various industries (medical, energy, finance).
- **Cloud cost optimization:** analyze cloud usage and costs, implement FinOps practices to control costs and optimize resource utilization.
- **Cloud security & risk management**: identification of security requirements, implementation of zero trust architectures, security monitoring and vulnerability management.
- **Cloud governance and compliance:** development of guidelines for compliance with regulatory requirements (e.g. data protection, security, BSI-C5 attestation) and implementation of governance frameworks (e.g. Cloud Access Security Brokers, FinOps).
- **Data and AI strategy in the cloud:** consulting on data management, data migration to the cloud, as well as implementation of analytics and AI platforms for large amounts of data.

Our agile approach

From the idea to the market-ready product.

Kickoff & Requirements analysis

Workshops to define the project goals and the project vision. Collection of requirements and identification of stakeholders.

Team composition & Planning

Formation of a tailor-made team based on the project requirements. This team can be easily adjusted in the event of changes to framework conditions or additional requirements.

Agile development & Testing

Iterative implementation in sprints with continuous adaptation regular reviews and comprehensive testing to ensure the quality.

Deployment & Operation

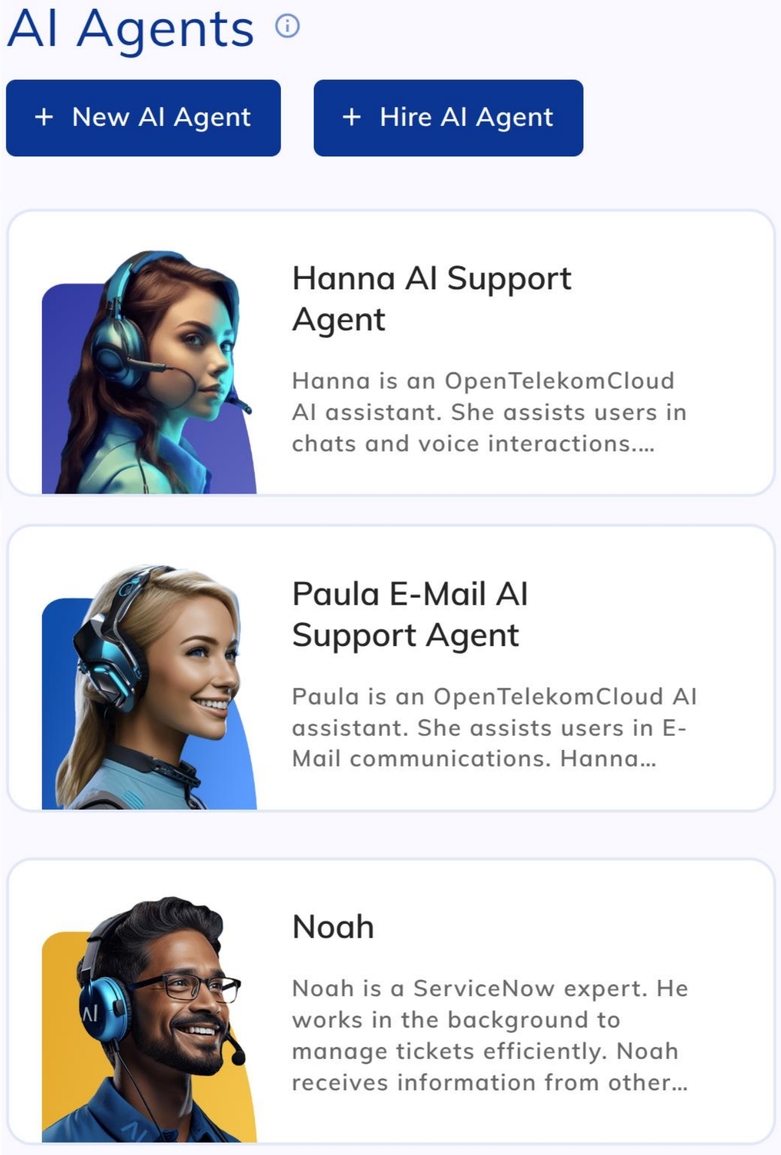
Launch of production, continuous monitoring and dynamic support for a smooth use and development.

Our goal

Fastest possible value creation through an MVP in order to deal with the stakeholders in an iterative improvement process.

Conversational AgenticAI platform and development

Direct commissioning by Deutsche Telekom.



Customer
Telekom

Duration
24 Months ongoing

Team
1 AI Team & 1 CloudOps Team

Techstack

Homeport.ai, OpenSource LLM Models, Node.js, TypeScript, Terraform, Kubernetes, UX/UI Design

Description

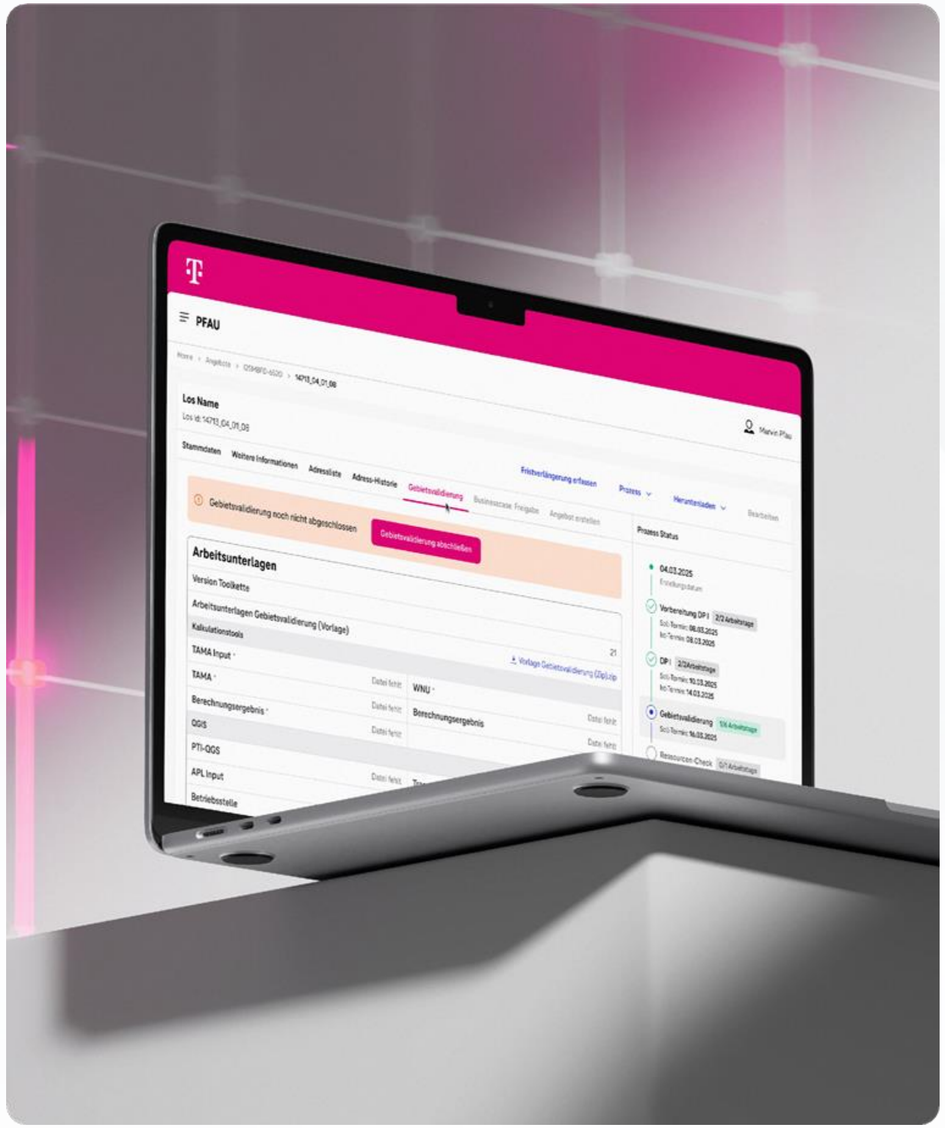
For Telekom we host and customize a Conversational AI Software for High Security Clients. We develop Agentic AI that provides comprehensive support to customers through various communication channels, such as phone, chat & e-mail. This Agentic AI automatically helps the customer resolve their issues. Everything must be highly secure and hosted on the OpenTelekomCloud.

Functionalities & Integration

The software specializes in conversational AI, enabling organizations to create and manage AI-powered chatbots and voice assistants. It facilitates communication by allowing these bots to understand and respond to user inquiries in natural language. Key impressive features include the ability to enhance customer service through personalized interactions , the capability to operate across multiple channels , and tools for streamlining operations to boost customer engagement and satisfaction.

Platform for the management of subsidised broadband development in Germany

Direct commissioning by Deutsche Telekom.



Customer
Deutsche Telekom

Duration
72 Months ongoing

Team
9 Fullstack, 5x FE, 2x UX, 1 DevOps, 3x BA

Techstack

Vue.js, Kotlin, AI, Kafka, Microservice Architecture, Monorepository, OTC, UX/UI Design

Description

The PFAU project (platform for the promotion of expansion and implementation) is a central software solution that supports the subsidized broadband expansion in Germany and controls it. The platform maps all process steps – from quotation and expansion planning to billing and monitoring of construction progress.

Functionalities & Integration

PFAU enables seamless cooperation and transparent processes between the various internal departments of the promoter and external partners. Thereto it includes interfaces to funding agencies, land registry offices and the connection to the internal SAP system. The platform also integrates a central authentication management system using LDAP.

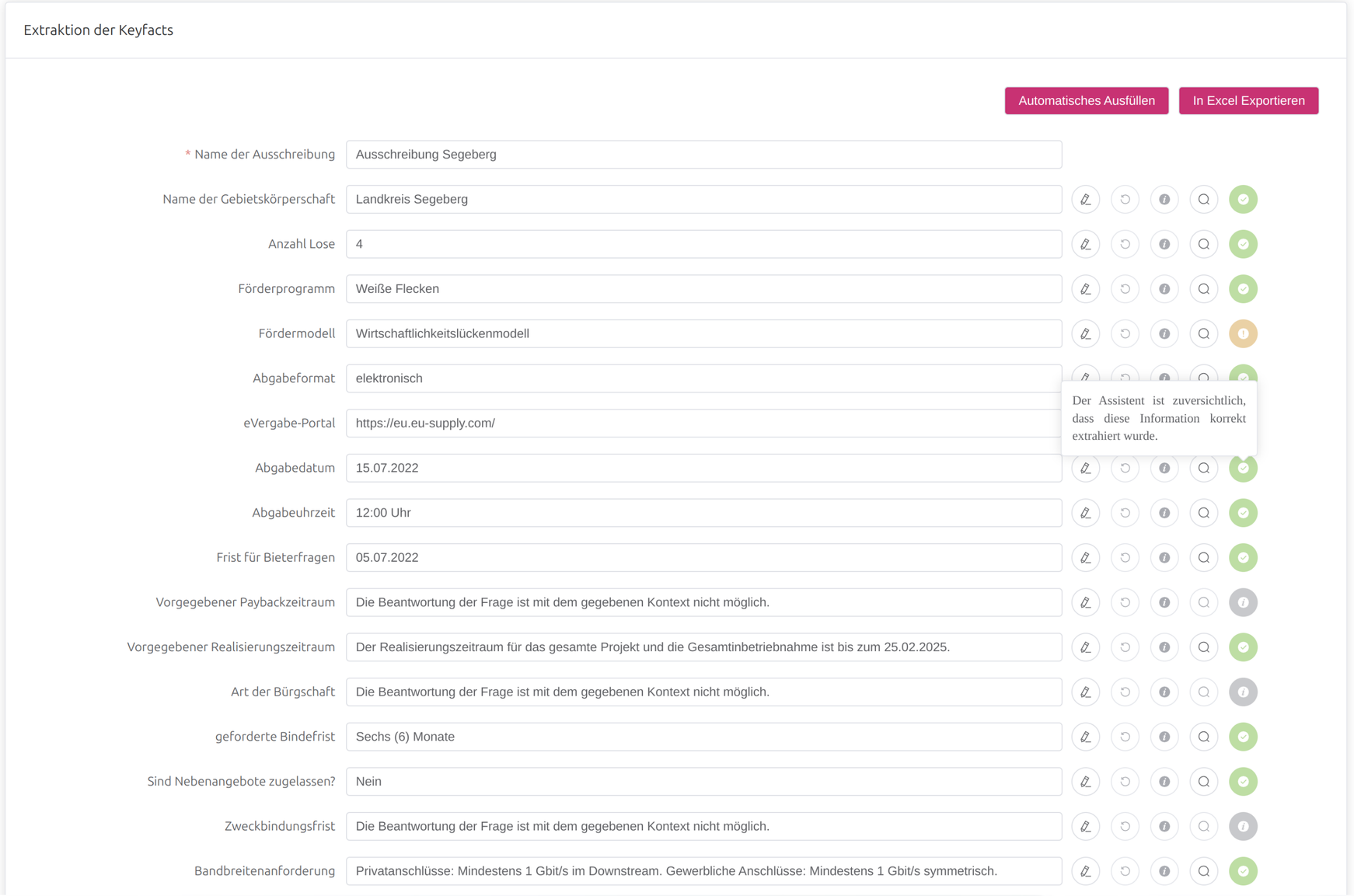
PFAU supports the efficient broadband expansion in Germany and ensures that funding and resources are used in a targeted and transparent manner. The platform enables continuous control and documentation of all fit-out activities, ensuring effective project management across the entire value chain.

Platform for the management of subsidised broadband development in Germany

Direct commissioning by Deutsche Telekom.

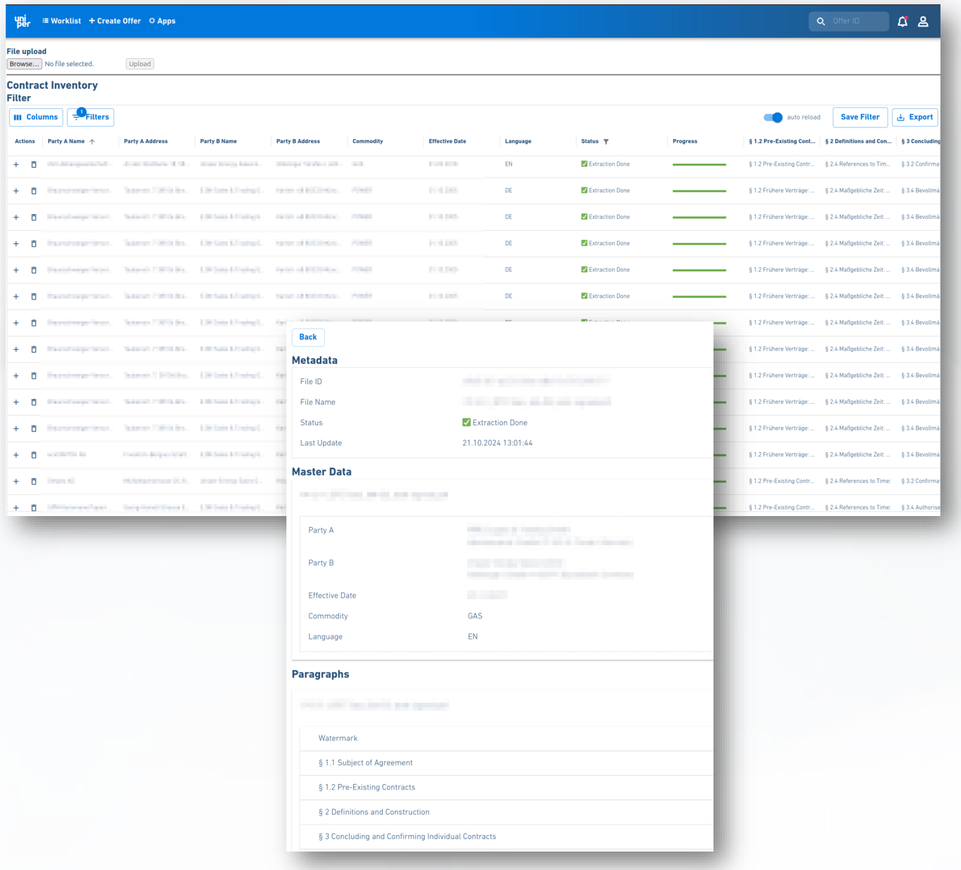
Automated tender analysis

- **Challenge:** Manual screening of complex broadband tenders is time-consuming (multiple hours).
- **Solution:** AI-driven extraction of key facts from tender documents.
- **Features:**
  - Automatic data extraction, no manual chat required,
  - Self-critical evaluation for accuracy,
  - Manual corrections possible,
  - Source traceability for verification.
- **Impact:** Significant time savings (hours to minutes), improved accuracy, and better decisions.



AI contract management platform for energy wholesale contracts

Large German energy company.



Customer
Energy sector

Duration
6 Months ongoing

Team
2x Fullstack, 2x AI/ML

Techstack

Vue.js, Kotlin, Microservice Architektur, Kubernetes, MongoDB, UX/UI Design

Description

Wholesale energy contracts are analysed, facts are extracted, and relevant differences are highlighted. Contract management departments are supported in harmonization and receive KPIs on their progress. In addition, the contents of the contracts can be queried in natural language, and passages can be searched for and then compared accordingly.

The overarching goals are threefold: to simplify the clearing processes and contract management of complex B2B contracts, to identify contractual risks and opportunities, and to provide the experts from the specialist departments with the best possible support in their activities.

Functionalities & Integration

The first result of the project was a substantial decrease in errors in the master data on the framework agreements, which had previously been manually recorded. Additionally, the associated risk avoidance was reduced. To achieve this reliably, the AI employs a self-critical component that critically compares the found sources with the given answers. This is a kind of built-in "fact check" with explanation of the results for the user.

The new platform for contract management is gradually harmonizing and directly integrating the processes of different departments responsible for managing different framework agreements. These processes are integrated with the clearing office, among others.

What customers say about us

Our long-term partners recognize and appreciate the value of our services.

“Our great collaboration over the past years has convinced us to continue placing our trust in iits, and we'll entrust them with another key project in 2024. iits will remain an essential part of our IT strategy going forward.”

Excerpt from reference by **Stefan Marienfeld, Leader Solutionmanagement AI Telekom.**

What customers say about us

Our long-term partners recognize and appreciate the value of our services.

“iits distinguishes itself from other service providers by delivering a customized and well-coordinated team tailored to the client's specific needs. I believe very few companies can achieve this level of service and provide such significant value to their clients.”

Excerpt from reference by **Fabian Kothe, CTO Kaufland E-Commerce.**

What customers say about us

Our long-term partners recognize and appreciate the value of our services.

“In addition to the high level of expertise, it should be emphasised how pleasant working with iits has been. We have developed a very trusting and effective working relationship in a very short time and iits has shown a very high level of commitment to our new IT product.”

Excerpt from reference by **Michael von Kutzschenbach, Innovation Manager Uniper**

DEVELOPMENT

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