

PROOF OF CONCEPT: IOT PROTOTYPING

TAKE A STEP INSIDE THE WORLD OF IOT WITHOUT INVESTING SIGNIFICANT TIME AND MONEY



Challenge

INTEGRATING IOT INFRASTRUCTURE INTO EXISTING STRUCTURES

In order for IoT to truly have a business impact, internal structures need to be reimagined and technologies, which in many cases did not previously exist, need to be introduced to IT landscapes. Implementing such internal structures and technology is a daunting task and a challenging topic. If done properly, IoT introduces a much higher ceiling for innovation and allows the enactment of use cases which would not have been possible otherwise.

Your IoT data can be used to support your product development and enable the development of new business models. There are many ways to get to this point, but how? And which is the best avenue for your company?



Solution

PROTOTYPE IOT USE CASES QUICKLY AND HASSLE-FREE

Building upon IoT services in the Cloud and with a pre-built module we prototype your use case to prove its feasibility and help you understand the degree of value it could create. With the physical prototype in your hands and the backend in your own environment you can easily share and further develop your vision with colleagues.

Create awareness for the value of your IoT use case by creating a real-life prototype, while minimising costs & risk. With our proof-of-concept offering, we help you create a case for change.



BENEFITS

IoT enables more than just new features for products. It also enables deeper data analysis, resulting in a better understanding of your customers and processes, including how products are used after the point-of-sale.

REDUCE RISK AND COST

The pre-built module and cloud environment reduces the risk & high costs that are normally involved with starting from zero.

PROFESSIONAL GUIDANCE

As the first German AWS IoT partner we have experience developing IoT projects, from conception to implementation.

ENVIRONMENT INTEGRATION

Integrate AWS IoT services and frameworks with your existing applications to create an end-to-end scalable solution.

TEST YOUR USE CASE

Theory is good, but seeing is believing. Test one, or multiple, use cases in a real IoT environment.

ABOUT THE POC

Our 5-day PoC is modelled on a typical single sprint where the objective is to create an MVP for your use case.

DAY 1	DAY 2	DAY 3
UNDERSTAND & ASSESS Define the challenge: Understand the use case, define the customer journey, create a storyboard and define the challenges.	GET UP & RUNNING Create the environment: Configure the current Cloud environment based on the use case including the integration of objective specific AWS services such as IoT Core and Device Defender.	IMPLEMENT Extend the solution: Implement your use case based on Zoi's "out-of-the-box" solutions.
DELIVERABLE: • Full user storyboard for your use case • Visualised customer journey	DELIVERABLE: • Ready to use cloud environment	DELIVERABLE: • Extend the environment with the services and configuration needed to support your use case

DAY 4	DAY 5
REVIEW & ADAPT Refine the solution: Review the solution together with relevant stakeholders and adapt the solution based on the input.	TAKE IT TO THE NEXT LEVEL Scale the solution: Take a deeper dive with Zoi experts to scale the use case and create an end-to-end solution.
DELIVERABLE: • First feedback and results from testing your use case	DELIVERABLE: • High level roadmap to get your use case on the next level

ABOUT ZOI

Zoi is a cloud-native IT consulting company that bridges the gap between businesses and the latest cloud technology. We are a trusted partner to European manufacturing & retail companies and together develop and implement long-term digital strategies to help them remain competitive in an increasingly digital world.

With IoT we bring together what is typically separated. Hardware & software development, deep cloud competencies, and certified IoT knowledge under one roof. In combination with our customer-centric design and UX colleagues, our cross functional teams tackle IoT projects from conception to implementation and everything in between.

