

BMW
GROUP



BMW Group Your Product Guidance Assistance (YPA)

Our Cooperation with the BMW Group

As a globally operating automobile and motorbike manufacturer, the BMW Group is a highly technical corporation. Accordingly, we have developed software with equally high requirements for the premium manufacturer with the highest quality standards for its vehicles.

Safety and compliance guidelines are adhered to, documented and checked with the help of a process framework.

One component of this framework is the web app „Your Product Guidance Assistant“ (YPA).

- simple
- intuitive
- consistent

Industry:
Automotive

Service:
Software Design

Services:
Business Process Automation

Technologies:

Backend:

Java 1.8, JPA , Jersey REST, Payara -GlassFish 4, PostgreSQL, Junit and Mockito

Frontend:

Angular 6, Bootstrap, D3

Sonstiges:

JIRA, Confluence, Xray, Bitbucket

The Challenge

Analogous to the „Operational Maturity Index“ in the classic project management context, the YPA should be used as support in the agile process environment.

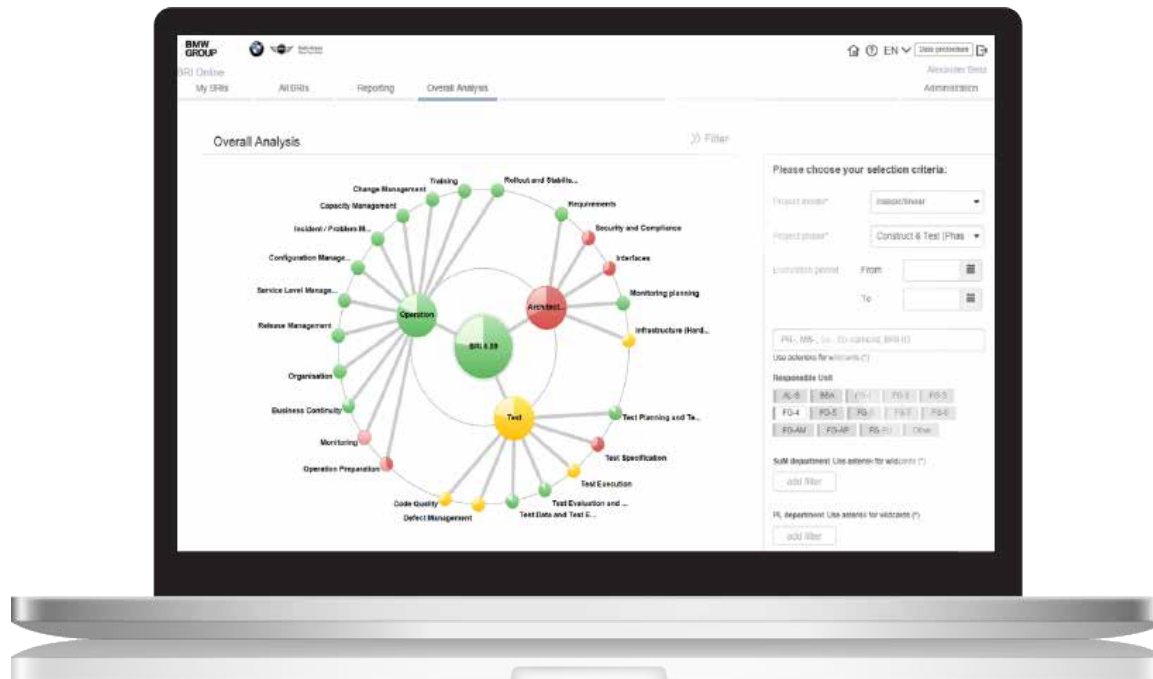
- In terms of agile thinking, the focus is on supporting the **feature teams**.
- The YPA should support the **product teams** in understanding and fulfilling all mandatory artefacts, compliance, security, ISO and much more.
- One of the biggest challenges was to achieve **high acceptance** among a broad user base with **excellent usability**.
- The solution was a **fully test-automated MVP** that was presented within a few weeks.

- fast
- precise
- solution oriented

Our Contribution at a Glance:

- Conception and elaboration of the user stories
- User flow / user experience
- Support of product owner
- Project management and Scrum mastering
- Front- and backend development
- DevOps & test automation
- Maintenance & Operation

The Realisation



Customer Benefits:

Excellent User Experience:

Role-based views and „Everything the product team needs to know - in ONE PLACE!“

Efficiency & Workflow

Optimisation:

A bidirectional interface to JIRA enables quick and easy creation of the backlog items required for ISO compliance

Quality Assurance &

Transparency:

The required product quality is ensured, the findability of the required documents is guaranteed, and traceability is facilitated



You want to learn more about our solutions
and services?

We are looking forward to meeting you!

Florian Schnappinger
Head of Sales