

# BMW Group Expands DevOps Toolchain with Xray in Collaboration with ByteSource

## Company Overview BMW Group

The BMW Group, renowned for its premium brands BMW, MINI, Rolls-Royce, and BMW Motorrad, has a long history as a leading manufacturer of automobiles and motorcycles. In addition to these products, it also offers top-notch financial and mobility services. With a global network of over 30 production sites and a sales network in more than 140 countries, the BMW Group sets standards for sustainable thinking and responsible action throughout the entire value chain.



## Company Overview ByteSource

ByteSource Technology Consulting GmbH, based in Vienna, offers its IT services and consulting across the EU. The company has established itself as an expert in agile software development, DevOps, cloud solutions, and technical consulting. Moreover, ByteSource is a leader in team collaboration solutions based on the Atlassian software suite and is increasingly focusing on artificial intelligence. Alexander Penev, founder and managing director of ByteSource, considers AI a central priority and is excited about the numerous possibilities this innovative technology offers.

## The challenge

In 2017, BMW Group decided to adopt an agile methodology for its IT strategy to adapt to the rapidly changing IT landscape. Increasing customer demand for new products and services required shorter innovation cycles and faster deployments. This, coupled with growing regulatory requirements and the need for intellectual property protection, presented significant challenges. With the rise of digitalization and the number of IT projects, flexibility and collaboration became essential for a successful agile transformation. However, maintaining synchronization between various tools like ALM/Quality Center and Jira complicated processes and hindered requirement traceability.

## The Solution

To maintain innovation and flexibility while optimizing value chains, the Agile Toolchain (ATC) team of BMW Group sought a solution. They replaced the outdated test management tool with one seamlessly integrated into their Jira stack. After evaluating options such as Xray, Zephyr, and TestFlo, Xray emerged as the preferred choice. With its native integration with Jira, intuitive user interface, and complete requirement traceability, Xray perfectly suited BMW Group's IT requirements. Following a successful proof of concept, Xray was gradually introduced into projects, supported by comprehensive documentation and robust customer support.



## The Results

The integration of Xray into BMW Group's DevOps toolchain streamlined test processes and enabled rapid functionality within minutes.

The ATC team, supported by ByteSource, an Xray-certified platinum partner, ensured a smooth migration and adoption process, leading to the discontinuation of ALM/Quality Center usage by 2023. Xray, with its scalable and stable platform, facilitated millions of test cases and executions, fulfilling BMW Group's vision of a comprehensive toolchain covering the entire development cycle. Additionally, the ATC team led by ByteSource provided extensive training, documentation, and support for over 170,000 users within BMW Group, underscoring their commitment to continuous improvement and innovation.

