

## Project “Josef-Ressel-Center for Real-time Value Network Visibility (JRC LIVE)”

**Complex and global value networks consist of multiple actors, between which processes take place and a large amount of information is exchanged. The goal of the project is to develop a supply chain control tower solution that allows to consolidate, analyze and visualize the most important data in an information cockpit to enable companies in their daily operations to gain control over their value network.**

Many companies rarely have answers to the following questions: Who supplies the most important suppliers and by whom are they supplied? Where are orders or deliveries located and do they arrive on time? Are defined minimum stocks sufficient or are they set too high? How do risks such as raw material shortages, stock-outs, transport delays, political events, natural disasters or strikes affect supply security and which players in the value network are affected? How high are the Scope 1, 2 and 3 emissions in my value network?

To answer these questions, the interdisciplinary "Josef Ressel Center for Real-Time Value Network Visibility" of the Logistikum of the University of Applied Sciences Steyr, funded by the Christian Doppler Gesellschaft, is developing a Supply Chain Control Tower software solution together with the University of Oxford, the University of the Federal Armed Forces Munich and the University of Mannheim. The BMW Group and Hofer KG act as economic partners.

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**duration: 2019 - 2023**

A supply chain control tower is a cloud-based information cockpit in which the most important information about the actors and processes of a value network flows together and is analyzed and visualized in real time.

The aim of the project is to support companies in their daily operations with supply chain control tower software in order to proactively identify problems and improvements in their value networks and to contribute to problem solving with proposed activities.



**contact details of the project manager:**

FH-Prof. DI (FH) Dr. Markus Gerschberger

+43 5 0804 33265, jrclive@fh-steyr.at

**homepage:** <http://www.govisible.org>