
ORQA: From FPV Goggles to a European Drone Technology Ecosystem

Toni Karimović, Director of Engineering, Orqa d.o.o.

Short description:

This presentation gives an overview of ORQA as a Croatian technology company, its main FPV and drone-related products, and the development of key technological building blocks such as FPV goggles, video transmission, control links, flight controllers, software, airframes, and integrated drone platforms.

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More about Toni Karimović:

Toni Karimović is Director of Engineering at Orqa d.o.o, where he leads multidisciplinary engineering teams and oversees the development of hardware, mechanical systems, electronics, software, communication systems, and testing activities. He began his career at the company as an Embedded Software Development Intern while studying communications at the Faculty of Electrical Engineering, Computer Science and Information Technology Osijek (FERIT). He later progressed through roles as a Linux Software Developer, Technical Lead, and Team Lead. Throughout his career, Toni has contributed to complex projects involving 5G technologies, embedded Linux systems, drones, and ground-control stations. He has established and developed several engineering teams and served as Technical Lead on multiple multidisciplinary projects. His professional interests include engineering leadership, wireless communications, embedded systems, system integration, verification and validation, and the development of high-performing technical teams.