

THE STORY

How R3 Communications GmbH was born

Back in 2007, a decade ago, Professor James Gross, nowadays professor at KTH-Royal Institute of Technology (Stockholm), had the vision that it would come a day when there would be a need for reliable wireless communications with low-latency profiles. After some years evaluating the best approach to solve this challenge, James came up with the idea of a pure software wireless protocol and persuaded Christian Dombrowski to do his Ph.D. about this topic at RWTH Aachen. The result, if you are reading this, is obvious: EchoRing™.

Due to EchoRing™'s exceptionally high potential especially for industrial related applications, in 2015 James decided to contact Dr. Mathias Bohge, management consultant at that time and former classmate of James at TU Berlin, to explore the possibility to spin off the technology into a startup. At the same time, Mathias introduced also management consultant Florian Bonanati to James and Christian, and after some months of market research, they decided to found R3 Communications around EchoRing™.

Today James, Christian, Mathias, and Florian form a remarkably prepared founder team that is pushing EchoRing™ to skyrocket the ultra-available and time critical wireless communication market.

About R3 Communications

Official description

The R3 – Reliable Realtime Radio Communications GmbH (R3 Communications) was founded in July 2015 as a spin-off from two leading European engineering universities. The company's focus is on research, development, production and sales/distribution of **ultra-reliable real-time wireless communications systems and solutions**. Current research and development activities include internet-of-things/industry4.0 Smart Factory applications, as well as automotive and aerospace scenarios. The founding team consists of a carefully chosen mixture of engineering and business experts – including machine-to-machine communication professor James Gross (KTH Stockholm, Sweden) – that altogether relies on more than 25 years of scientific/engineering and more than 10 years of top management consulting experience. R3 Communications' EchoRing™ system has recently gained major attention for winning IEEE/VDE Best Demo/Best Software Awards, as well as the 2015 edition of the Berlin Deep-Tech-Award, awarded by the city of Berlin, Germany. It currently holds a Pre-series A investment from Creathor Ventures and IBB.

THE FOUNDERS



FLORIAN BONANATI
MANAGING DIRECTOR

After graduating in business administration, Florian started a successful career at two leading management consulting firms. With his strong business background and special interest in Germany's market and innovation, Florian plays an essential role in EchoRing™'s business development opportunities.

DR. MATHIAS BOHGE
MANAGING DIRECTOR

Ph.D. in engineering, Mathias also took the path of management consulting after university. There he developed his passion for marketing and human resources, a passion that he expresses every day at the office to build the right image of EchoRing™ in the best working environment.



CHRISTIAN DOMBROWSKI
HEAD OF DEVELOPMENT

As the main developer of EchoRing™, Christian is leading the core software development team to keep delivering a technology with the finest performance. His deep knowledge of the technology, and every detail that surrounds it makes him the perfect agent in the decision making of EchoRing™'s development.



PROF. JAMES GROSS
HEAD OF RESEARCH

EchoRing™'s ideologist and visionary of its great potential, James is now the head of research at R3 Communications GmbH as well as a professor of machine-to-machine communication at KTH. With his experience in the wireless communication sector, James is continuously contributing to the redesign and evolution of EchoRing™.

