

Stefan Gärtner is currently working as Mission Control & Data Systems Engineer in the Mission Technology Department at the German Space Operations Centre (GSOC) located in Oberpfaffenhofen. GSOC is part of the Space Operations and Astronaut Training institution within Deutsches Zentrum für Luft- und Raumfahrt (DLR). He is responsible for development, implementation, deployment, administration, support and maintenance of Mission Operations system components and software for satellite missions. Since 2020 he acts as project lead and systems engineer for the V3C project. Being a mobile mission control center with only minimal requirements to the underlying hardware, V3C offers completely new possibilities for quick decentral satellite access.

Mr. Gärtner joined DLR in 2013 and since then has been active in the standardisation community and CCSDS in particular where he has been representing DLR in the Spacecraft Monitor and Control Working Group (MOIMS-SM&C). He has been a main driver behind the development and validation of several CCSDS Spacecraft Monitor and Control key standards such as Mission Operations services, Message Abstraction Layer and technology bindings.

He holds a diploma in physics from Technical University of Darmstadt, Germany. Shortly after starting his career in the space sector by joining DLR, he has been actively publishing CCSDS-related papers and articles in conferences and journals to widen the impact of CCSDS in the space community.