

Who we are and what we do

TTTech Aerospace provides deterministic embedded network and platform solutions for aerospace and space applications. Its products have already completed over 900 million flight hours in Level A safety-critical applications like fly-by-wire, power systems, avionics, engine controls and environmental control systems. With TTTech Aerospace's products and services, customers can develop integrated, modular and scalable embedded platform systems with a lower total lifecycle cost. In addition, the company's proven solutions increase safety, fault-tolerance and availability, while also addressing complexity.

TTTech Aerospace is part of TTTech Computertechnik AG, a technology leader in safety control platforms and real-time networks. TTTech Computertechnik AG operates under the umbrella of the TTTech Group, a globally oriented group of high-tech companies with around 2,200 employees in 14 countries, headquartered in Vienna, Austria. The TTTech Group builds on 20 years of technology leadership with extensive experience in collaborating with market leaders in the automotive, off-highway, industrial and aerospace industries.

TTTech Aerospace	
Part of	TTTech Computertechnik AG
Headquarters	Vienna, Austria
Members of the executive board	Georg Kopetz Stefan Poledna Manfred Prammer
Markets	Aerospace and space
Global presences	Austria, USA, China, Japan

Advanced integrated systems and deterministic integration for aerospace and space applications

TTTech Aerospace has been engaged in the aerospace market since 1998 as a provider of chip IP, ASICs, on-board hardware, development equipment and PC based tooling (network configuration). It provides system integration capabilities, deterministic network (ARINC A664 part 7 / AFDX®, TTEthernet®, TTP®) products, platform components and methodology required for the design and integration of advanced integrated aircraft systems. Worldwide industry market leaders like Airbus, Boeing, Bombardier Embraer, Lockheed Martin, COMAC and their systems suppliers use TTTech Aerospace's deterministic embedded platform and network solutions in programs like Airbus A380, Airbus 220, Boeing 787, Bombardier G7500, Embraer Legacy 450/500, Embraer E2-195, COMAC C919, Irkut MC-21, Embraer KC-390, Aermacchi M346 and several others.

TTTech Aerospace also offers High-Rel and radiation-hardened components/modules for Deterministic Ethernet networking applications designed for the use in extreme conditions, such as space exploration and human-rated space flight applications. TTTech Aerospace's space solutions act as the "nervous system" or avionic backbone network system of e.g. NASA's Orion Multi-Purpose Crew Vehicle (MPCV), the ESM (ESA Service Module) and the Ariane 6 launch vehicle. The International Deep Space Interoperability Standards agreed on by NASA, ESA, JAXA and CSA name TTEthernet, the network technology developed by TTTech, as "International Avionics Systems Interoperability Standards (IASIS)" for future deep space applications, which include the Gateway.

Portfolio Overview

Level A certifiable safety control platforms and real-time network products based on TTP®, ARINC 664 part 7 and TTEthernet®	
Aerospace	Space
Switch hardware End system hardware ASICs Embedded software Software tools Testing and lab equipment	Switch hardware End system hardware ASICs Embedded software Software tools Testing and lab equipment

TTTech Group offices



North America

Boston (US-MA)
 Bay Area (US-CA)
 Houston (US-TX)

Europe

HQ Vienna (AT) Brno (CZ)
 Munich (DE) Bucharest (RO)
 Ingolstadt (DE) Novi Sad (RS)
 Wolfsburg (DE) Belgrade (RS)
 Brixen (IT) Osijek (HR)
 Madrid (ES) Banja Luka (BA)
 Barcelona (ES) Izmir (TR)
 Tampere (FI)

Asia

Shanghai (CN)
 Nagoya (JP)