

# TTTECH AEROSPACE

## WHO WE ARE AND WHAT WE DO

TTTECH Aerospace supplies and develops highly dependable networking and embedded computing platform solutions for time-, mission- and safety-critical applications. Its products are based on open data networking standards (Ethernet, ARINC 664 part 7, TSN), time-triggered technology, and deep know-how in safety certification. Its network switches and network interface solutions are used by global champions and technology leaders such as Collins Aerospace, Honeywell, NXP or Thales, and can be found, for example, in the Airbus A-220, Boeing 787 and Embraer C-390 aircraft, NASA's Lunar Gateway, the Ariane 6 launch vehicle and in critical infrastructure.



TTTECH Aerospace is a business entity of TTTECH Group, a global group of high-tech companies with more than 1,100 employees and headquarters in Vienna, Austria. The solutions of the TTTECH Group are applied in different industries and markets – besides aviation, space, and defense, in mobile machinery, industrial machinery, energy, and automotive, among others.

TTTECH is the innovator of Deterministic Ethernet and a driving force behind the IEEE TSN and the SAE AS6802 Time-Triggered Ethernet standards. TTTECH North America Inc serves the US market with offices, among others, in Andover, MA, and Houston, TX.

### TTTECH AEROSPACE

|                         |                                                                 |
|-------------------------|-----------------------------------------------------------------|
| <b>PART OF</b>          | TTTECH Group                                                    |
| <b>MAIN LOCATION</b>    | Vienna, Austria                                                 |
| <b>EMPLOYEES</b>        | 250+ (140+ at TTTECH Aerospace, 110 associated in TTTECH Group) |
| <b>MARKETS</b>          | Aviation, space, critical infrastructure and defense            |
| <b>GLOBAL PRESENCES</b> | Austria, Germany, USA, Japan, Romania, Finland                  |

### ADVANCED INTEGRATED SYSTEMS AND DETERMINISTIC NETWORKS

Reaching for the sky with certified and safe solutions for the aviation market

TTTECH Aerospace has been active in the aviation market since 1998 both as research and development partner as well as a provider of equipment, software and integration support for safety-critical applications. TTTECH Aerospace develops and supplies products and solutions such as chip IP, ASICs, and on-board hardware that enable system integration, the set-up of deterministic networks (ARINC 664 part 7, TTTEthernet®, TSN, TTP®), and the design and integration of advanced integrated aircraft systems.

### Exploring new ways to simplify spacecraft software and system architectures

TTTECH Aerospace also offers reliable radiation-hardened components and integrated modules for Deterministic Ethernet networking applications designed for the use in extreme environmental conditions found in space exploration and human-rated space flight missions or during launch. TTTECH Aerospace's solutions are used in major international space programs such as NASA Artemis, in space capsules, transportation systems, and space stations.

NASA and its international space agency partners have named TTTEthernet®, the deterministic networking technology developed by TTTEch, as "International Avionics Systems Interoperability Standards (IASIS)" for programs like the Gateway and future deep space missions.



# TTTECH AEROSPACE PORTFOLIO OVERVIEW

## AVIATION & SPACE

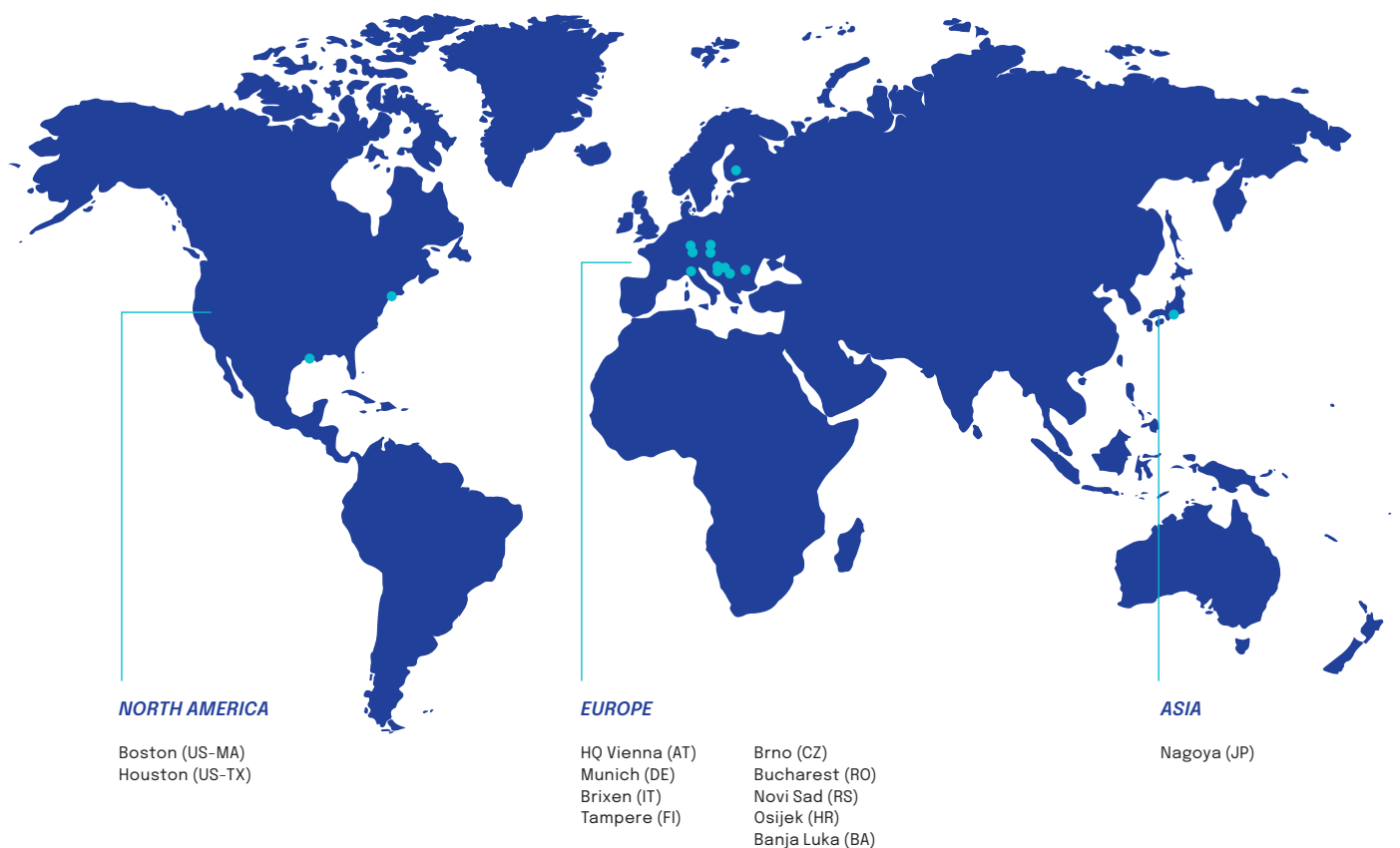
- Network switches
- Avionics platform solutions
- Scheduling tools (TSN, TTEthernet, ARINC 664 part 7, TTP)
- Chip IP and embedded software
- Qualification/certification support



## CRITICAL INFRASTRUCTURE & DEFENSE

- Network switches
- Mission computing platforms
- Data interface solutions
- Chip IP, FPGA integration support

## TTTECH GROUP OFFICES AND ENGINEERING HUBS



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