



MEET THE **LANDING ZONE**™

TRITEM is pleased to offer one of a kind solution to recurring test & validation hardware availability headaches.

What is it?

Landing Zone™ is a dedicated digital lab area for physical hardware equipment combined with IT services and tailored software tools and teams to process your verification, validation & testing, and maintain your digital systems for both new and legacy projects.

A company's headquarters or its own computer lab is not always the best place to maintain hardware for in-house projects, data, and services. Emerging new projects, especially in the world of rolling stock development, do not relieve the need to maintain legacy test systems.

There is a simple solution to the dilemma associated with limited computer lab space and limited staff resources.

Yet another Data Centre – NOT!

TRITEM Landing Zone™ provides highly-specialized service of looking after the Customer's complex test & validation hardware setups both in the active and in the long-term legacy phase of the project.

Tailored to rolling stock requirements

Almost 20 years of experience in providing functional safety test & validation solutions for some of the Fortune500 rolling stock manufacturing companies makes TRITEM the best team to take care of your hardware the right way.

Legacy systems can be relocated to a suitable location that meets strict security requirements and at the same time allows the ongoing use of these systems or keeping them on “active standby”.

Placing them at a central point in the network with guaranteed power supply, connection to Internet resources, proper cooling, and administrative care will always carry both increased stability and lower maintenance costs.

Why TRITEM?

We provide specialized services focusing on looking after customers' equipment used in the processes of design or testing and validation of control systems. The scope of our offer includes both the creation of hardware resources as well as physical takeover and maintained care of



In the right hands

Specialized and experienced personnel will do all the physical work for you. TRITEM has long been praised for building top quality validation hardware and custom laboratory equipment. Rewiring the setup? Not a problem! Reconfiguring? Affirmative.

existing systems, which can be supplemented by the active participation of our engineering teams in simulation, validation, and testing activities.

We stand out with our experience, professionalism, knowledge, and practice in the field of digitization and automation of validation and testing processes, simulation as well as the construction of Digital Twin for validation of functional-safety-sensitive systems.

In the Landing Zone™, we offer, on the one hand, physical space to build new or locate existing validation and testing systems for our clients as well as in-house solutions for simulation development, functional Digital Twin, and test process automation.

The security of customer systems is our top priority.

We work according to internal procedures designed for maintaining quality and security. TRITEM is certified in ISO 9001, ISO 27001, and GDPR. We also meet all specific

Safe & secure

With your hardware in the Landing Zone™ you can enjoy a peaceful sleep at night.

We make sure your hardware is guarded 24/7 by security team and alarm system, and your intellectual property is protected at all times.

security standards as part of our client's project requirements.

Joining TRITEM Landing Zone™ means operating within the EU unified market. Security and IP safety is guaranteed based on EU standards and regulations transparent to all EU companies, and a verifiable and enforceable environment of technical certification and legal conditions. We meet the highest standards of work culture, crew safety, environmental care, and more. We are committed to protecting customers' intellectual property - EU regulations are an obligation for us and not

merely a declared choice (as for many non-EU entities).

Out of sight is out of mind

By hosting your project at the Landing Zone™ you're only left with having to make decisions about it and we take care of the rest. Decommissioning a project? Just post a request and consider it done.

Green lab in a good place

TRITEM Landing Zone™ is located in Katowice, Poland, which lies at the node of European transport corridors, close to the intersection of A1 and A4 motorways. The site is located just 4km from the city centre, and has convenient access to Katowice and Krakow airports.

TRITEM Landing Zone™ is situated at the premises of Eurocentrum, which is known for its commitment to the reduction of the environmental impact of its buildings. The architectural and technological solutions of this low-energy building allow it to keep its energy demand under 40 kWh/sqm/year. In addition, the building is equipped





with mechanical supply and exhaust ventilation with heat recovery and connection to the BMS (Building Management System) network.

There are multiple services to choose from for the Landing Zone™:

- Colocation
- Hardware Hoteling
- Active administration
- Active utilization of the hardware in running projects by TRITEM engineers

Our offer covers:

- Space for equipment in the form of racks or test benches and other physical forms of test & validation and systems – Up to 500 sqm
- Space arrangement can include separate dedicated "technical islands" with individual access and dedicated infrastructure
- Remote secure access to resources with 24/7 IT care & supervision and contractual response time
- Do-it-all approach: transport, assembly, storage setup – everything off your chest.

Key benefits of Landing Zone™:

- ✓ Cut off investments in own spaces and buildings
- ✓ Keep legacy projects up and running for longer
- ✓ TRITEM specialists can handle everything, including transport & assembly
- ✓ Simplify processes and reduce resources needed to maintain hardware
- ✓ Seamlessly decommission hardware and other non-physical assets upon project completion.

Continuous availability

The Landing Zone™ is equipped with redundant power supply sources, UPS and two independent fibre-wire internet backbones. TRITEM guarantees 24/7/365 secure remote accessibility.

- Possibility to build individual tracks of packet communication for enhanced separation
- High reliability of power supply – two independent systems of access to the power grid of two different suppliers
- ESD-protected flooring in the entire area
- Physical security, fire protection, access control.

TRITEM Landing Zone™ offers colocation of testing systems meeting the Customer's demands, regardless of the:

- ✓ Type of the device – we accept both free-standing and rack-mounted devices
- ✓ Size of the device - from 1U to 40U and from desktop to BigTower enclosures
- ✓ Required power (from nominal 250W to 30KW, and more...)

Prices starting from **116€/testbench/month***
*offline storage for 50+ devices

Sounds Interesting? Let's talk about it!

Jerzy Kocerka, CTO
j.kocerka@tritem.eu

Piotr Łuczak
p.luczak@tritem.eu

Dr Michał Krześlak
m.krzeslak@tritem.eu

Mariusz Tomaka, CEO
m.tomaka@tritem.eu



www.tritem.eu/landingzone