

## VALIANT TMS

- **Valiant-TMS Romania is a fully-owned subsidiary of Valiant TMS Turnkey Manufacturing Solution GmbH domiciled in Linz, Austria.**
- In Oradea, VALIANT TMS started activities in 2010, with 2 simulation engineers and 14 designers and continuous growth.
- September 2021 we inaugurated the new facility, located in the Industrial Park II in Oradea, 8 Thomas Alva Edison Street, which provides 1.900 sqm of office space and 4.200 sqm of production hall, enabling a planned growth of up to 250 employees covering the whole value add chain from project planning until inhouse tool build and further project execution with own site teams.

### **Core Function Valiant TMS Romania**

The focus of our engineering activities is planning, simulation, layout, electrical & and pneumatical design, CAD design, and documentation of body-in-white welding systems in the automotive, automation industry.

We started a new facility with complete functions (engineering, assembly, Installation + Commissioning).

## VALIANT TMS

# VALIANT TMS

SE-Planning	Project-management	Engineering	Electrical Engineering	Manufacturing	Installation + Commissioning
<ul style="list-style-type: none"> <li>• Concept-Studies</li> <li>• Simultaneous Engineering</li> <li>• Weld gun-Studies</li> </ul>	<ul style="list-style-type: none"> <li>• Project Management</li> <li>• Coordination</li> <li>• Purchasing</li> </ul>	<ul style="list-style-type: none"> <li>• Digital Factory</li> <li>• Layout</li> <li>• Detail Planning</li> <li>• Robot Simulation</li> <li>• 3D Design</li> <li>• Technical Documentation</li> <li>• Technological Engineering</li> </ul>	<ul style="list-style-type: none"> <li>• Control Engineering</li> <li>• Communication Systems</li> <li>• Software</li> <li>• HW / SW Engineering</li> </ul>	<ul style="list-style-type: none"> <li>• Manufacturing Planning</li> <li>• Manufacturer Supply Service</li> <li>• Installation E+M</li> <li>• Measuring Engineering</li> <li>• Build Up Trials</li> </ul>	<ul style="list-style-type: none"> <li>• Field Service M+P</li> <li>• Commissioning</li> <li>• Production Accompaniment</li> <li>• Robot Programming (offline, online)</li> </ul>
					<ul style="list-style-type: none"> <li>• <i>Business activities in VTMS-Rou</i></li> </ul>

## PRODUCTS AND SOLUTIONS



Welding and Joining Systems



Engineered Hemming Solutions



Automation, Assembly and Test



Industrial Parts Washers



Final Assembly and Conveyor



Aerospace Assembly Systems and Tools



Tools, Jigs, Fixtures and Gages



Heavy Industry Components



Custom Fabrication

## DIGITAL TRANSFORMATION AND INDUSTRY 4.0

### Improving internal processes and customer experience

- Augmented, merged, and virtual reality for tool and line build
- Industrial Internet of Things (IIoT) for predictive monitoring and alerts
- Collaborative robots to assist humans with routine tasks
- 3D printing for cost savings, weight reduction, and shorter lead time
- Digital twins and virtual commissioning



3D Printing – Metal and Thermoplastics



Industrial Internet of Things



Augmented Reality

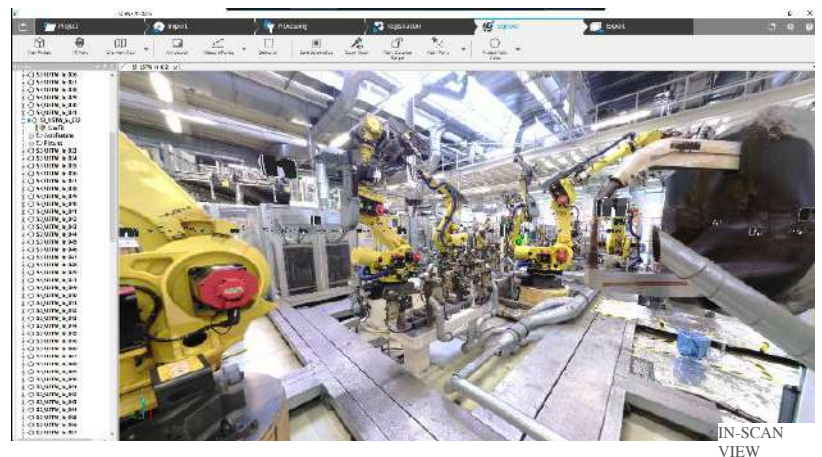


Collaborative Robots

## 3D LASER SCANNING

We cover a wide range of services, from architecture and resistance design to technical documentation, authorizations, and project management services. Our portfolio includes national and international projects.

### BODY IN WHITE (3D SCAN – Panoramic View)



IN-SCAN VIEW



**Transylvania Evolution** is a private initiative dedicated to economic and social growth by developing solid business partnerships, offering tailored solutions to local and foreign investors, in synergy with local authorities. We are accelerating the long-term coherent consolidation and development of the Cluj Metropolitan Area and the Transylvania region.

**Oradea - Großwardein - Nagyvárad** - In the North-West of Romania, part of the Bihor county, Oradea is one of the cities with an impressive development on multiple fronts in recent years. Since 2008, Oradea has been considered a center of urban development, with regional and cross-border influence, a rising innovation hub, a major logistic and industrial center and not in the least, a city with representative art nouveau cultural heritage.

**230,000** INHABITANTS

**7** INDUSTRIAL PARKS

**5** SMART SPECIALISATION PLATFORMS

**5** CITIES DIRECT INTERNATIONAL FLIGHTS

**1<sup>ST</sup>** DESTINATION IN THERMAL & HEALTH TOURISM IN ROMANIA

**TRANSYLVANIA  
EVOLUTION**  
**1** years of partnership  
for development  
i n E U R O P E

