



# inventia

*kinetics*

## Smart Automation & Advanced Robotics

Growing  
Together

*Automated  
Industrialization*

*Engineering  
Manufacturing  
Assembly  
Integration  
Test*



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# Inventia

## What We Do

*We design and deliver smart, scalable automation systems tailored to your operations.*



### Collaborative Approach

Working closely with your team



Inventia is a full-service automation partner, offering turnkey solutions for industrial processes.

We specialize in designing custom machines, robotic cells, and intelligent control systems.

### Tailored Engineering

Solutions built around your process



Our multidisciplinary team combines mechanical, electrical, and software engineering to deliver seamless automation.

### Innovation - Driven

Latest technologies in robotics, software, AI & artificial vision



From concept to commissioning, we ensure every solution is aligned with your business goals and production needs.



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# Inventia

## Industries We Serve



### Aero

### Space

### Defence

### Industry

### R&D

### Logistics

- Product Development
- APL & SM
- MTO & ASS
- UAMs

- Product Development
- APL & SM
- MAIT
- Thermomechanical Subsystems
- Mechanism
- Integrator
- Platforms Integration

- Aero, Land, Sea
- APL & SM
- MTO & ASS

- Automation
- Industry 4.0
- Energy
- Railway
- Scientific Facilities

- Thermo-mechanical Solutions
- Highly Integrated Structures
- Fluid Storage & Heat Exchangers
- Automated Industrialization

- Trailer Development
- Specific Solutions
- Cost Saving
- Patent Products



# Inventia Our Process



## 1 *Requirements Analysis*

We collaborate closely with your team to understand operational needs, constraints, and goals.

## 2 *System Design & Architecture*

Tailored automation solutions are designed, integrating hardware, software, and communication protocols.

## 3 *PLC & HMI Development*

We program reliable, scalable control logic and intuitive interfaces for real-time monitoring and control.



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## Our Process



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### *Engineering & Assembly*

Control Panels are designed and built in-house, ensuring compliance with international standards and client specifications.

5

### *Testing & Validation*

Rigorous testing ensures system reliability, safety, and performance before deployment.



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# Inventia Our Process



6

## Installation & Commissioning

On-site integration and fine-tuning to ensure seamless operation and minimal downtime.

7

## Support & Continuous Improvement

Post-deployment support and optimization to adapt to evolving operational needs.



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# Inventia Technologies We Use



Computer Assisted Design (CAD): **Dassault Systemes**

Finite Element Analysis (FEA): **Ansys**

PLCs HMIs & SCADAs: **SIEMENS Tia Portal**

MES/ERP integration

Metrology: **Leica, Spatial Analyzer, Polyworks, PC-DMIS...**

Collaborative and industrial robots: **Fanuc...**

Simulation & Digital Twin: **Tecnomatix, SinumerikOne..**



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# **Inventia** Key Benefits

*Automation is no longer an option, it  
is a competitive advantage.*



## ***Increased Productivity and Quality***

Automation reduces manual intervention, ensuring consistent output and higher efficiency.

## ***Enhanced Safety and Traceability***

Integrated monitoring and control improve workplace safety and provide full process visibility.

## ***Reduced Operational Costs***

Optimized processes and energy-efficient systems lower maintenance and production expenses.

## ***Scalable and Future-Ready Systems***

Solutions designed to adapt to evolving technologies and growing operational demands.



# Inventia

## Why Choose Us?



**+20**

### *Years of Experience in Industrial Automation*

Proven track record delivering reliable and innovative automation solutions.



**CSS**

### *Customized and Scalable Solutions*

Tailored systems designed to grow with your business and adapt to future technologies.



**~100**

### *Multidisciplinary Team*

Optimized processes and energy-efficient systems lower maintenance and production expenses.



**I+S**

### *Commitment to Innovation and Sustainability*

Continuous improvement and eco-conscious practices embedded in every project.



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*Thanks for your attention*

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