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ZDZW INSPECTION SOLUTIONS

(HARDWARE + SOFTWARE + CONSULTING SERVICES)



Available in

Marketplace for purchasing ZDZW Apps & services

Different lisencing models: one Time, Subscription, As-A-Service (Pay per Use, Pay per Volume)

Integrated in

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ZDZW MONITORING & CONTROL DIGITAL SUITES



ZDZW SOLUTIONS

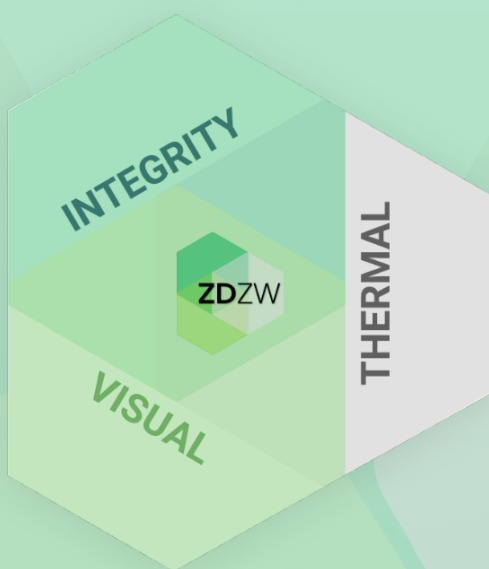
MIR-OCT

EMAT-UT

AE-based Integrity assessment

Mechanical Hardness Inspector

To monitor and control different integrity processes with NDI techniques



To monitor and diagnose stability and excellence in thermal processes

Welding Process Monitoring

Heat Transfer Digital Twin

IR-Thermal Imaging

ZDZW SOLUTIONS

To ensure superior surface, volumetric, and visual quality, and support rework processes

Surface Anomaly Detector

AR-enhanced Inspector

Volumetric Inspector

Artificial Vision

ZDZW SOLUTIONS

Applied in

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ZDZW INDUSTRIAL PILOTS



PILOT 1:

PLASTIC PARTS MASS PRODUCTION QUALITY ASSURANCE

Find a more **efficient** and **cost-effective** system for **inspecting** the **visual** and **dimensional** aspects of **injection-molded thermoplastic parts**.

END USER: GLN PLAST

PILOT 2:

THERMOPLASTICS FORMING EXCELLENCE

Optimize the **thermoforming** process for refrigerator inner bodies using **AI-enhanced thermal imaging**

END USER: **Beko**

PILOT 3:

WIND TURBINE TOWER PRODUCTION ENHANCEMENT

Reduce defects of **welding** and **painting** during the **wind turbine tower manufacturing** process

END USER: GRI Towers Galicia

PILOT 4:

DURABLE FASTENING SOLUTIONS PRODUCTION

Monitor the **induction hardening** process in real-time for **bolt manufacturing** used in the **wind industry**

END USER: ERREKA

PILOT 5:

LITHOGRAPHY-BASED EHEALTH PARTS PRODUCTION

Implement **cost-effective in-line inspection** for **ceramic antenna modules** used in **in-vivo medical applications**

END USER: **airCode**

PILOT 6:

COFFEE CAPSULE AV AI-BASED QUALITY CONTROL

Develop a **real-time control** to **monitor** the quality of components during **coffee capsule assembly**

END USER:



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