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Observe, Control, React – Digital Twin for Digitalization of Operations and Maintenance Processes in Military Camps

Blaž Peternel, SMARTIS d.o.o.

About us



OVERVIEW

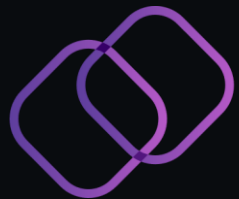
Founded in 2009, private Slovenian ownership

70+ Employees, SME

HQ: Ljubljana, Slovenia; Subsidiary: Zagreb, Croatia

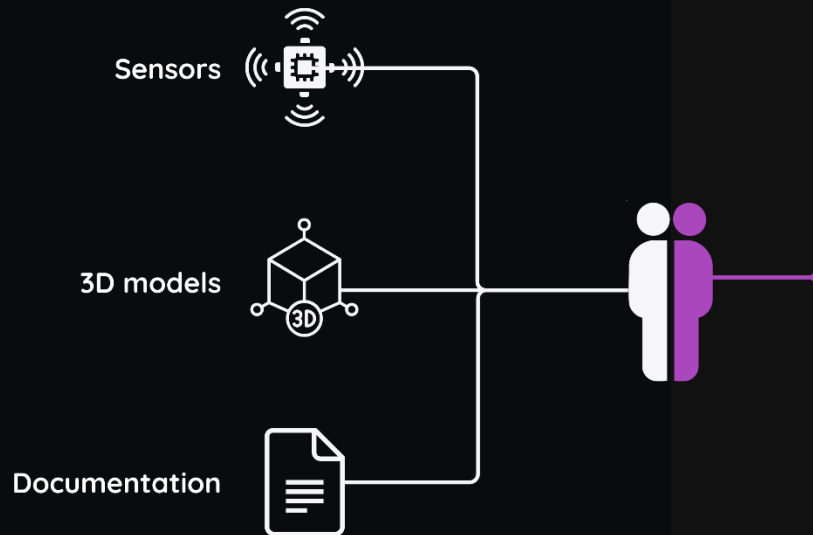
ISO 9001, ISO 27001, Classified information clearance

Relevant references of digital twins/IoT platforms: EDF-2021 NOMAD, HIBROM, Petrol, Riko houses



smarttwin

Digital twin concept and umbrella platform for digitalization of military camps.



Long-term data retention
Data storage for raw and processed data.



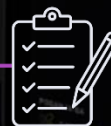
Data processing & data science
Dedicated high efficient data processing service in near-real time.
Used for data ingestion, validation, interpretation, AI preparation, calculation, ...



Data visualization
Personalized KPI dashboards for high level long term trends.
Personalized monitor dashboard for near real time.



Reporting
Manual or automated reports (scheduled triggered, alarm triggered)



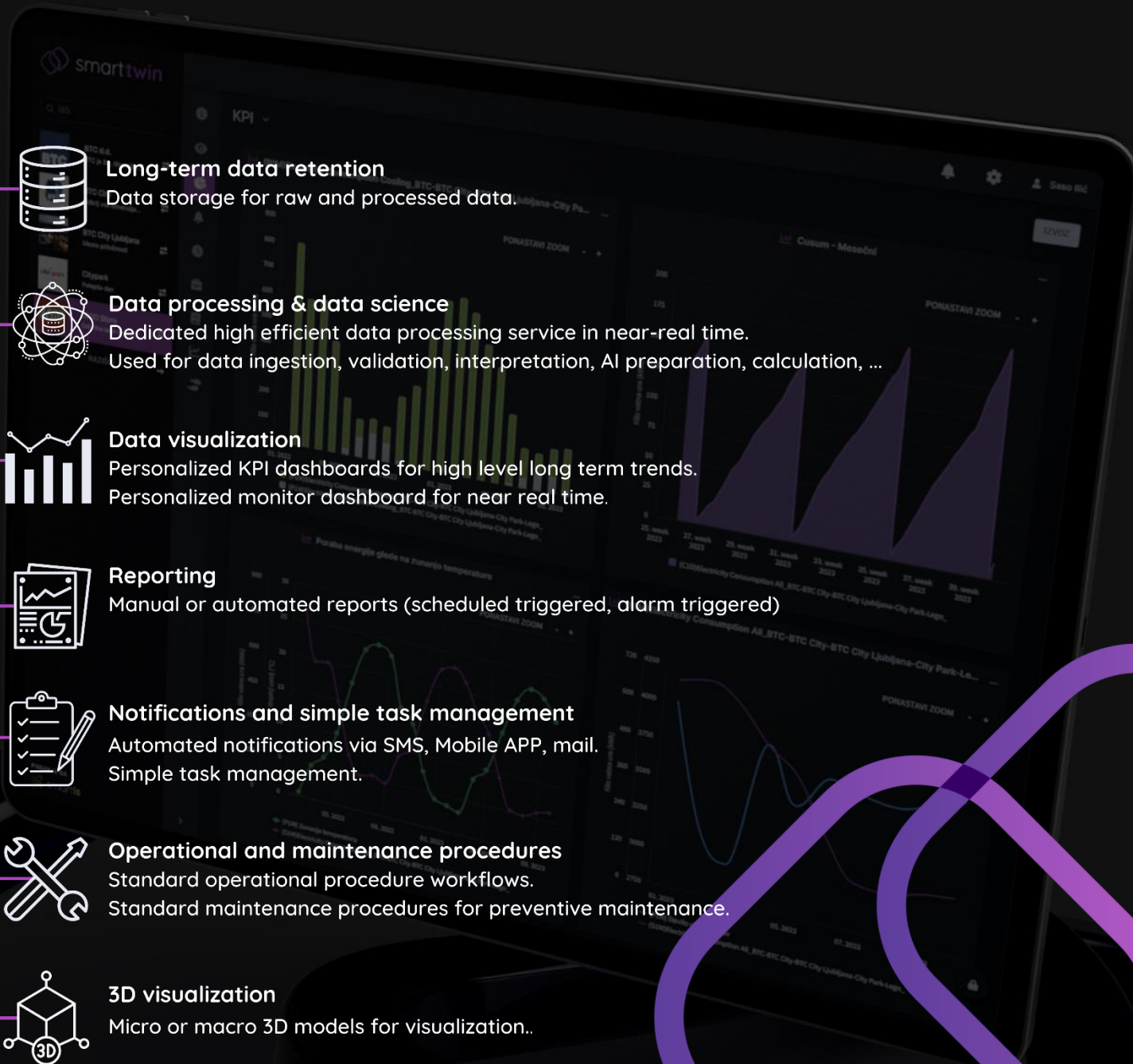
Notifications and simple task management
Automated notifications via SMS, Mobile APP, mail.
Simple task management.



Operational and maintenance procedures
Standard operational procedure workflows.
Standard maintenance procedures for preventive maintenance.



3D visualization
Micro or macro 3D models for visualization..



Digital Twin for Military ecosystem



- Development project
- Data sources agnost
- Focus on functional
 - Support tool for camp
 - Camp needs and dime
 - Energy and natural so
 - Maintenance planning
 - User friendly operatio
 - staff
 - ESG reporting tool





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Contact & Questions

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