

SMARTIS, informacijski sistemi d.o.o.

1. Company Overview

SMARTIS, informacijski sistemi d.o.o., Ameriška ulica 8, 1000 Ljubljana, Slovenia

- Established: 2009
- Private limited company (SME)
- Member of TECES partnerships
- Small enterprise (<50 employees)

Smartis is an innovative IT and system integration company operating across the EMEA region, with offices in Slovenia and Croatia and a strong network of technology partners.

The company specialises in:

- System integration
- Information and cyber security
- Digital transformation
- Business process optimisation
- OT/IT convergence

Through strong in-house R&D and cooperation with leading global technology partners, Smartis delivers advanced solutions tailored for critical and highly resilient environments.

Website: www.smartis.si

2. Core Capabilities & Technologies

Smartis develops interoperable, secure and resilient digital systems for critical infrastructure, defence and industrial environments.

Key Technological Strengths:

- OT/IT interoperability modules
- Industrial IoT (IIoT) platforms

- Cyber security solutions for critical infrastructure
- Digital twin development
- Strategic asset management systems
- Custom software development for mission-critical systems
- MIL-STD-3071 compliant interoperability solutions
- Microgrid interoperability and management systems

Smartis bridges operational technology (OT) and information technology (IT), enabling secure data exchange and coordinated system control across complex infrastructures.

3. Product Portfolio Relevant for the Philippines

TESSERA – Tactical Embedded System Suite for Enhanced Resilience and Adaptability

TESSERA is Smartis' dedicated brand for defence and resilience industries.

- Interconnection and interoperability platform
- MIL-STD-3071 compliant architecture
- Tactical microgrid interoperability
- Secure data exchange across heterogeneous systems
- Resilient energy management
- Modular and scalable deployment

Applications:

- Military deployable camps
- Tactical microgrids
- Critical infrastructure control centres
- Hybrid energy systems
- Defence and dual-use installations

Digital Twin & OT/IT Integration Solutions

- Deployment and custom development of OT/IT integrations
- Digital twin solutions for energy and infrastructure systems
- Real-time monitoring and predictive analytics
- Integration of sensors, controllers and command systems
- Secure communication frameworks

Applications:

- Energy utilities
- Transport infrastructure
- Defence bases
- Smart cities
- Industrial facilities

4. Target Sectors in the Philippines

- Department of National Defence
- Armed Forces of the Philippines
- Department of Energy
- Critical infrastructure operators
- Industrial and manufacturing facilities
- Smart city initiatives
- Data centres and telecom operators

5. Use Cases Relevant to the Philippines

Critical Infrastructure Protection

- Secure OT/IT integration for power grids
- Microgrid interoperability and monitoring
- Cyber security reinforcement for energy systems

Defence & Tactical Energy Systems

- MIL-STD-3071 compliant tactical microgrids
- Interoperability across generators, storage and renewables
- Secure data exchange in deployable camps

Energy & Digital Resilience

- Digital twin models for hybrid energy systems
- Predictive maintenance and asset management
- Secure management of distributed energy resources

Smart Cities & Urban Infrastructure

- Industrial IoT platforms
- Interoperable digital infrastructure
- Secure integration of legacy and new systems

6. Competitive Advantages

- Strong R&D background and innovation-driven culture
- Experience in EU defence and resilience projects
- MIL-STD-3071 interoperability expertise
- Proven OT/IT convergence capabilities
- Flexible custom development for critical environments
- Partnerships with over 30 leading IT industry providers
- Experience in Asia-Pacific and global markets

7. Reference Projects

- EDF NOMAD project: interoperability solutions for tactical microgrids
- EDF SENTINEL project: MIL-STD-3071 compliant deployment
- National defence RRI projects (HIBROM, ALENOS2, MODEL2)
- Critical infrastructure cyber security implementations
- Industrial digital transformation deployments

8. Deployment & Cooperation Models

Smartis seeks cooperation in the Philippines through:

- Custom development of OT/IT integration systems
- Deployment of MIL-STD-3071 compliant interoperability solutions
- Joint projects in digital twin development
- Partnerships with defence system integrators
- Cooperation with energy utilities and infrastructure operators
- Local integration and long-term technical support



Cooperation focus:

- Secure digital infrastructure
- Tactical and hybrid microgrid interoperability
- Critical infrastructure resilience
- Digital transformation of energy and defence systems

9. Primary Contact

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