

DEFENCE HUB

CZECHINVEST

Resilient Space Operations (RSO):

Deep Space Energy, Latvia

Developing the European Radioisotope Dynamic Generator (RDG) as a resilient Radioisotope Power System (RPS) for Satellites.

Space Power Ltd., UK

Developed laser power beaming technology capable of beaming power to any satellite solar panel.

ATTX Inc. /WarpWare, USA

Space Situational Awareness (SSA) and Space Traffic Coordination (STC) technology, which provides a scalable, space-based optical solution capable of detecting and tracking debris as small as 1cm, well below the current 10 cm threshold of existing systems.

Critical Infrastructure & Logistics (CIL):

SIMULARGE BILISIM VE MUHENDISLIK TEKNOLOJILERI ANONIM SIRKETI, Türkiye

Plug-and-play solution, physics-informed AI algorithms deployed on an edge device, connects directly to manufacturing machine PLCs and sensors. It delivers real-time monitoring, predictive analytics, optimised set parameters and automatic feedback, without disrupting existing workflows. The system supports rapid deployment and requires minimal data, eliminating the long ramp-up times of conventional machine learning approaches.

Canadian Space Mining Corporation / Canadian Strategic Mission Corporation Canada

A remote monitoring and control system that can monitor the status of Micro Modular Reactors (MMRs) and effectively respond to anomalies to ensure the system safety, security, and resilience through its lifecycle.

Niricson Software Inc., Canada

Combines drone-based data collection with AI to detect and predict structural damage for assets. Using visual, acoustic, and thermal data, the platform identifies issues such as cracks and delamination, processes them in real time, and delivers insights via a secure cloud platform, enabling faster, safer, and more cost-effective decisions.

Safety Bolt AB, Sweden

Enabling predictive maintenance and real-time monitoring of critical infrastructure through patented, retrofittable IoT strain sensors, which detect structural stress changes in bolts, the core integrity points in bridges, tunnels, and other assets, delivering 20 years of wireless data at 1/10 the cost of traditional alternatives.

Ethicronics,UK

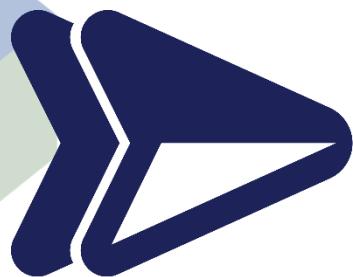
Software monitors each single production machine action and matches it with design files, providing a fast, non-destructive hardware assurance solution from systems down to nanometres. Software certifies that the physical hardware matches exactly what was designed and generates a verifiable, tamper-evident certificate for each board or chip.

Copsys Technologies, Canada

Copsys Intelligent Digital Skin (CIDS) offers a patented real-time digital sensing system for instant, precise coating health data and permanent electrochemical protection against corrosion and Marine Biofouling, which undermines vessel performance, increases fuel consumption, GHG emissions, and underwater noise, as well as the transportation of invasive aquatic species.

Connect Robotics Sistemas Autônomos Lda, Portugal

On-demand logistics via certifiable software and avionics platform, which transforms commercial UAVs into an autonomous "aerial bridge," completely independent of vulnerable ground infrastructure.



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