FWSEC
Firmware Protection

INTEGRASYS
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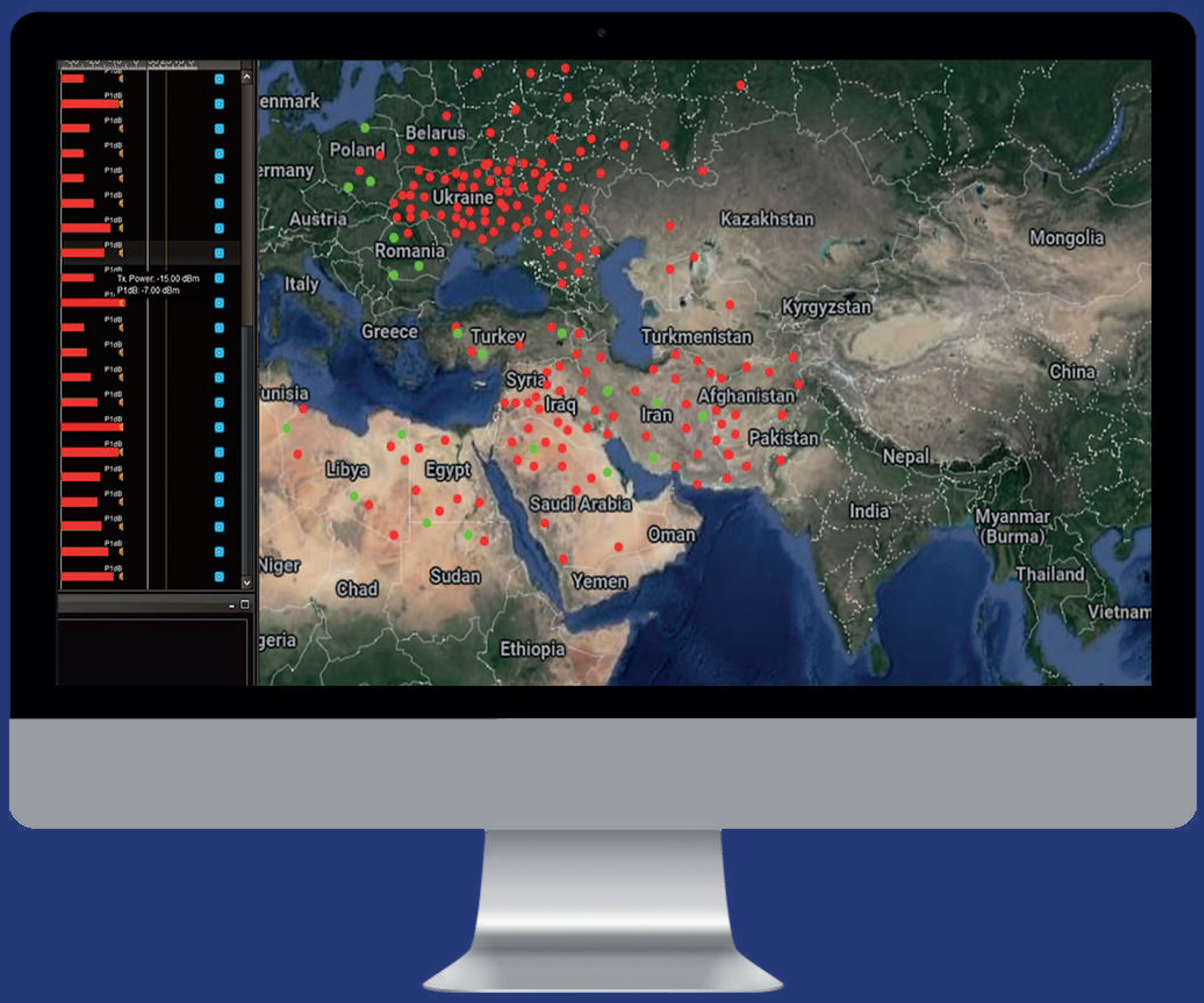
CAPEX or SaaS



RESILIENT FIRMWARE SECURITY TOOL TO FIGHT AGAINST CYBER-ATTACKS

Succesful protection of data centers,
and remote assets.
Ideal for major Telco Providers and MoDs.

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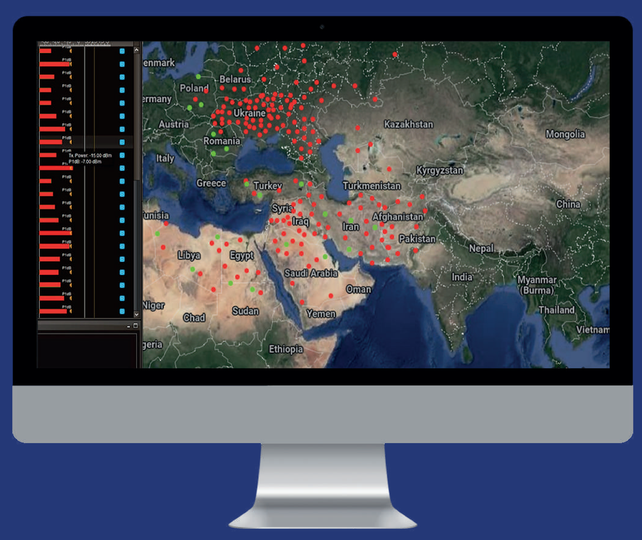
Competitive Advantage

- Inmediate detection and reporting of malicious tampering attempts.
- Scale up the threat towards the full system through the network infrastructure.
- Configurable check-points of the firmware integrity based on user-defined policies.
- Hard copy of the signature FW locally.

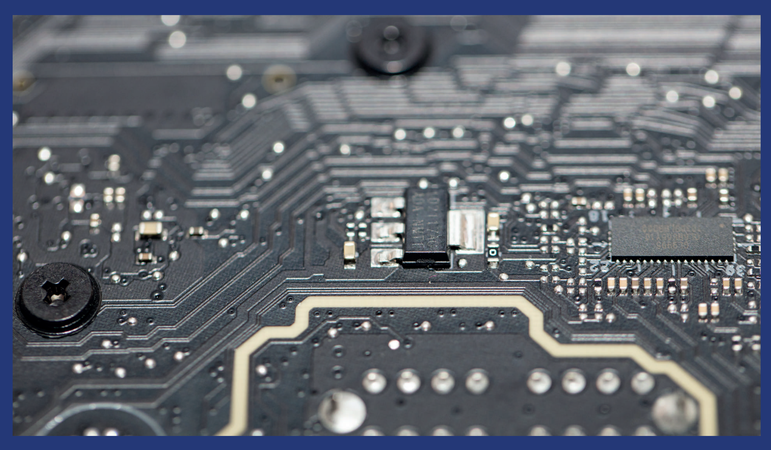


Features

- Based on three main pillars: a firmware management server, a TPM module at the sensor platform, and an external tamper-proof private blockchain.
- The system is prepared to go back to a safe state with a digital-coded footprint.
- The main layers of the system are: state-of-the-art link-level, network-level, and application-level security complemented with additional blockchain-based and multi-link out-of channel functions.
- Centralized interface to manage certificates and signatures remotely.

Benefits

- Resilient protection of the devices against unauthorised changes.
- Easy to be integrated with other cybersecurity products.
- The security approach of the FWSEC solution allows for configurable checkpoints.
- The sensors firmware includes a firmware management agent which implements in cooperation when needed with a counterpart.
- Faster recovery of the hacked assets.



Company Awards

Vision Awards	MOST INNOVATIVE PRODUCT OF THE YEAR	2014
VSAT INDUSTRY AWARDS 2015	TECHNOLOGY INNOVATION OF THE YEAR	2015
VSAT GLOBAL 2017	BEST GROUND TECHNOLOGY OF THE YEAR	2017
WTA	TELEPORT TECHNOLOGY OF THE YEAR	2018
MSUA	GOVERNMENT MOBILE INNOVATION	2022
WTA	TELEPORT TECHNOLOGY OF THE YEAR	2023
MSUA	SATELLITE MOBILE INNOVATION AWARDS	2023
MSUA	NEW SPACE MOBILE INNOVATION AWARD	2024
BROADCASTPRO ManufacturerAwards	BEST CONTRIBUTION TO SUSTAINABLE SATELLITE OPERATIONS	2025
SSPI	BETTER SATELLITE WORLD AWARDS	2025