▸ State-of-the-art intelligent platform, edge type, for metadata and video images and based on "deep learning" algorithms

▸ Powerful fusion and artificial intelligence engines that support the decision-making process

▸ Advanced functions and versatile interfaces, compatible with IoT architectures

SeVA

**ARTIFICIAL INTELLIGENCE
SECURITY GATEWAY**

SeVA

ARTIFICIAL INTELLIGENCE SECURITY GATEWAY

SeVA is a **decision making intelligent system** that **takes over information from different security systems** installed within a site or a perimeter (intrusion detection, access control, fire detection, technical alarms etc.) and, using the data extracted from the images provided by the video surveillance system, **identifies threats and events before they become critical**.

Once the events are documented, they can be transformed into alarms on PSIM (Physical Security Information Management) and/or VMS (Video Management System) platforms, as the information may represent the best support in making decisions regarding threats either on-site or remotely.

SeVA contains a state-of-the-art engine that processes video images and is based on shape reconnaissance and objects classification technologies that use "deep learning" algorithms. They help extracting relevant and highly accurate information, as well as combining them in different scenarios.

The system is used to analyze security events and situations, allows the integration of cyber security concepts, as well as the monitoring of risks associated with critical installations for business processes: technical alarms, maintenance, internal procedures and even commercial applications.

A local operating web interface is incorporated with SeVA or it can be controlled by applications installed on mobile devices.

SeVA integrates specific functions that configure an internal security layer, used to prevent cyber-attacks on the connected security systems.

The entire hardware and application-based architecture is designed to be compatible and integrated with systems that use modern, IoT type technologies.

Depending on the application used to implement it, the SeVA system may be delivered into five hardware products:
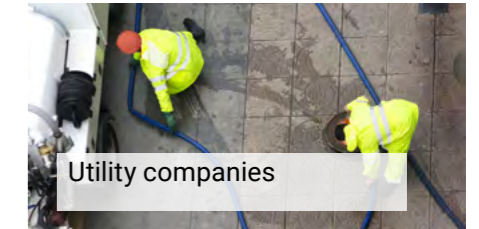
SeVa **JETSON** Gateway
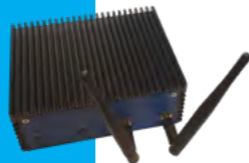
SeVa **INFOSEC** Gateway

SeVa **NANO** Gateway

SeVa **MINI** Gateway

SeVa **SERVER** Gateway

APPLICATIONS OF THE SEVA PLATFORM

Critical infrastructures

Perimeter/border security

Utility companies

Banks

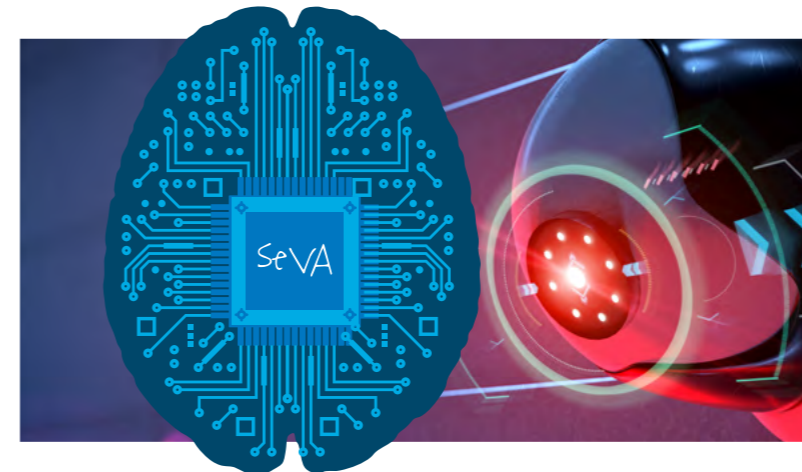Retail

Industrial platforms

JETSON Gateway

- Video monitoring: **16-48 video cameras**
- Intrusion detection: **16-32 areas**
- Access control: **8-16 doors**
- Full **video analysis capabilities**, available on-site
- **Interface module** for commercial systems
- **Fusion engine**
- **Artificial Intelligence engine**, based on SoC NVIDIA Jetson

INFOSEC Gateway

- Video monitoring: **8-16 video cameras**
- Intrusion detection: **16-32 areas**
- Access control: **8-16 doors**
- **Video analysis capabilities**, available on-site
- **Interface module** for commercial systems
- **Fusion engine**
- Product intended for **INFOSEC systems**

SERVER Gateway
high power product

- Video monitoring: **48-512 video cameras**
- Intrusion detection: **32-1024 areas**
- Access control: **16-512 doors**
- **Full video analysis capabilities**, available on-site
- **Interface module** for commercial systems
- **Fusion engine**
- **Artificial Intelligence engine**
- **Centralized management engine**

NANO Gateway

- Video monitoring: **1-8 video cameras**
- Intrusion detection: **8-16 areas**
- Access control: **2-8 doors**
- **Basic video analysis capabilities**, available on-site
- **Fusion engine**
- Ideal **solution for small sites** and IoT applications
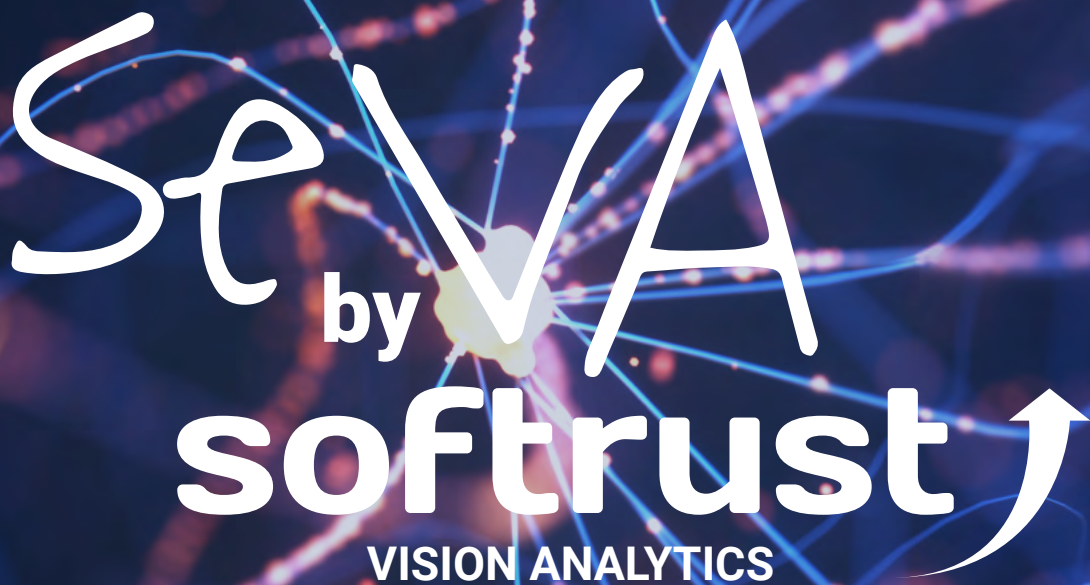
MINI Gateway
varianta de baza de gateway

- Video monitoring: **8-16 video cameras**
- Intrusion detection: **16-32 areas**
- Access control: **8-16 doors**
- **Video analysis capabilities**, available on-site
- **Interface module** for commercial systems
- **Fusion engine**

Softrust Vision Analytics is a Romanian company, affiliated to the UTI group of companies, with over 20 years of experience in developing video analysis products and solutions.

Our specialists have top competencies for developing and implementing algorithms, as well as artificial intelligence and image processing solutions.

The image processing and information merging technologies are trademarks of Softrust. Its competencies portfolio was consolidated by joining numerous research projects, within partnerships with academic institutions and national and international companies.

Softrust Vision Analytics S.A.

Address: 107 A Oltenitei Avenue, Bucharest 4

Phone: 021 20 12 300

E-mail: vlad.craciunescu@uti.eu.com

Web: www.uti.eu.com