



PERCEPTO

Harnessing robotics for autonomous inspection and monitoring

Percepto is at the forefront of redefining how industrial sites and critical infrastructure are holistically, comprehensively inspected and monitored.

As established leaders in autonomous robotics with the most deployed drone-in-a-box solution, Percepto extends its autonomous workflow software to manage any robot and visual data source.

Harnessing remote robotics to autonomously collect, aggregate and analyze visual data, Percepto is pioneering autonomous inspection by industrial robotics and empowering you to stay on top of your site.

Inspection Rounds | Remote Operations | Progress Monitoring | Security & Safety
Emergency Response | Modeling & Measurement



Sparrow Drone-in-a-Box

The most deployed drone-in-a-box solution on the market, Percepto Sparrow conducts fully autonomous inspections, mapping, modeling, security and emergency response tasks. Launch regularly scheduled or on-demand flights to gain live situational awareness in the event of a site emergency or other unplanned event.

- A weatherproof, industrial grade drone.
- Percepto Core: onboard module for real-time computer vision and AI applications.
- Dual payload: high-res (4K) and thermal cameras.
- Integral parachute: FAA compliant parachute for increased safety and streamlined regulatory approvals.
- Integrated weather station.



Percepto Base

The Percepto Base is essential for providing a truly autonomous cycle, 24/7.

- A portable and ruggedized base station.
- Stores the drone when not in operation, protecting it, charging it, and keeping it ready to launch at a moment's notice.
- Equipped with a patented docking mechanism and landing technology.





The only end-to-end inspection & monitoring software solution - from capture to insights.

Percepto AIM lets you effortlessly manage your robot fleets remotely, allowing you to detect risks earlier, enhance measurement accuracy, and gain better situational awareness, using the most advanced computer vision analytics.

Automate data collection

Integrate an array of aerial and ground robots, which conduct inspection rounds automatically, safely and objectively, yielding consistent and persistent data collection.

Automate insights and reports

Receive AI-driven reports of anomalies and trends, 3D models, measurements and high-resolution maps, which are automatically generated and delivered.

Unify visual data

Manage all visual data in one place, collected by any device: aerial, ground and naval robots, CCTV, mobile phones and other visual data collection devices.

Democratize visual data

Allow any user to request visual data for specific assets of interest and receive and share insights.

Integrated Robots

Percepto AIM integrates robots for fully autonomous inspection and monitoring- on-site or remotely. When equipped with Percepto Core software, Percepto AIM transforms any visual data collecting robot into a fully integrated player in a complete end-to-end solution. Whether used for routine inspections or to provide situational awareness in emergencies, Percepto AIM integrated robots easily become a part of any organization's daily workflows.



Sophisticated yet simple to use

While Percepto AIM utilizes advanced algorithms and AI, for you, managing your visual data autonomously has never been simpler: request information for a specific area of interest on your site at the click of a button, the rest of the workflow is completely autonomous- all the way to insight and report delivery.

Trusted by industry leaders



Experts in autonomous robot management and visual data analytics



Remote operations

Even when you have no personnel on site, autonomous robots will do the work, with information collected and insights generated accessible from anywhere.



Increased productivity & efficiency

Automate routine inspection & monitoring tasks, yielding persistent data collection and analysis, increasing overall efficiency.



Enhanced safety & security

Inspect hazardous materials and dangerous equipment without risking employees to detect security threats.



Reduced operational costs

Detect failures early on, minimizing risk of incidents and shutdowns.



Streamlined regulatory compliance

Maintain a digital system of records of site inspections, emissions and temperatures as required by environmental agencies.



Percepto is the market leader in autonomous inspection & monitoring solutions. Leveraging its experience with Percepto Sparrow, the most deployed drone-in-a-box solution on the market, the company introduced Percepto AIM (Autonomous Inspection and Monitoring) the first end-to-end autonomous inspection and monitoring platform, powered by industrial robotics. Percepto empowers the remote operation center of the future to assess risk, minimize downtime, drive efficiency, increase safety and reduce operational costs. Founded in 2014, Percepto's solutions are trusted by Fortune 500 customers in more than 10 countries including ENEL, Florida Power and Light and Verizon. The company is the recipient of the Frost & Sullivan Global Enabling Technology Leadership Award.