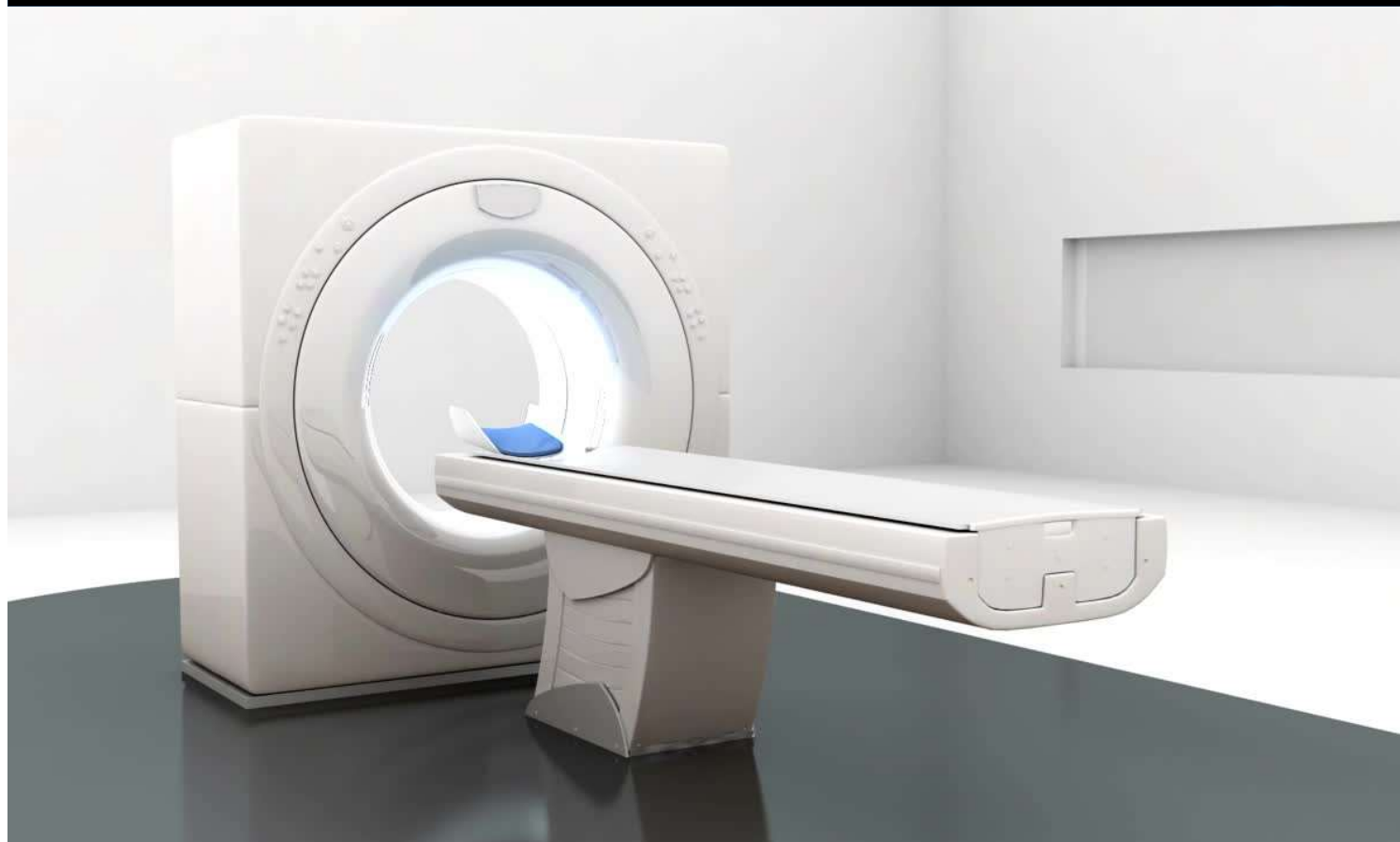


Embedded security for your medical devices.

Parcoor Documentation

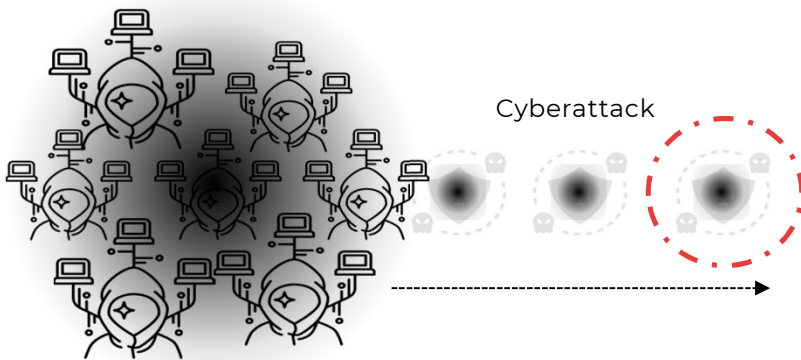
- Protection against malwares
- Protection against cyberattacks
- Predictive maintenance



Our solutions

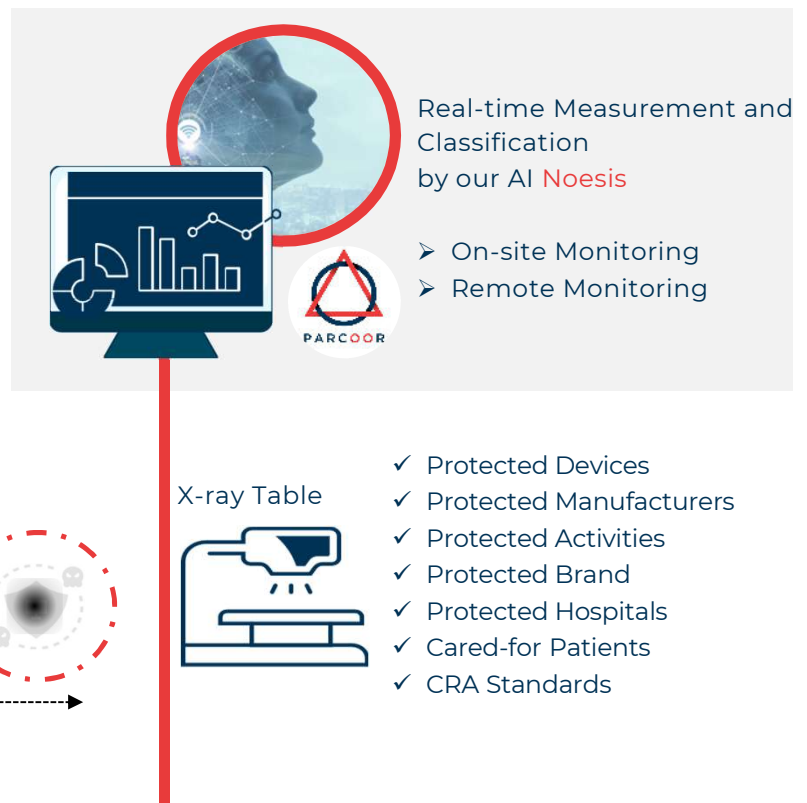
- Our solutions integrate directly onto the device to enhance its security, without requiring third parties. Each device ensures its own protection completely autonomously.
- Our detection algorithms are based on the latest research, enhanced internally. They leverage Machine Learning methods with optimized implementation, designed directly for embedded systems and their resource constraints.
- They are capable of detecting 0-Day attacks due to their intelligent dimension. Each action is readable, eliminating the "black-box" effect.

Threats



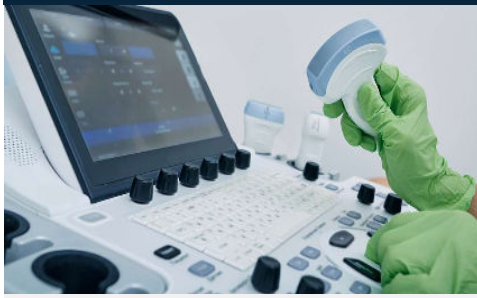
About us

- Based in Lyon, France, we are one of the few companies worldwide to offer 100% on-device malware detection and network attack solutions for IoT and embedded systems.
- Specializing in artificial intelligence, deep learning, and TinyML, we provide an unprecedented solution by integrating intelligent functions into cybersecurity.



What makes us stand out

- **Real-time analysis.** Detection and response closest to the threat.
- **300x lighter** than a traditional antivirus. No latency.
- **0-Day protection.** No gap between new threats and updates (1*/year).
- Holistic (Windows, Linux, RTOS, bare metal...).
- Minimized attack surface. 100% on-device solution.
- **24/7 protection.** No Point of Failure.



		Malware Detection	Intrusion Detection
	Attacks	Ransomware, backdoor, toolkits	Mirai/ Flooding, spoofing, host Discovery
	Accuracy	97,15 %	98,45 %
	False Positive Rate	1,84 %	1,54 %
	CPU Overload	17 CPU cycles per scanned byte Example on an STM32H7 480 MHz with 128 KByte of flash: 4,5 ms to scan the entire flash	1.65 MHz per connection
	Memory Overload	1,12 Kbyte = 0,00000112 Gigabyte	10,15 KByte + 0,75 KByte per connection
	Excellence, Ethics, & Ecological	Winners of the "Grand Cybersecurity Challenge" by the French Gov. Finalist in the "10,000 Startups to Change the World" competition Finalist in the "Mobility Challenge 4.0" by Software République Finalist in the ai@centech program by Thales	
	Certifications	Solution pentestée de niveau A Undergoing ANSSI certification	

Our solutions are suitable for a variety of targets:

Operating Systems: Linux, Android, RTOS, or even "bare metal"

Processor: ARM, STM32

They can be used independently on each of your fleet devices or integrated into a centralized protection system (SIEM, SOC) to complement it and form a first line of defense on the edge.



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