



Introduction to Trusted Electronic Monitoring Platform

Unifying the ecosystem for safer, smarter judicial supervision



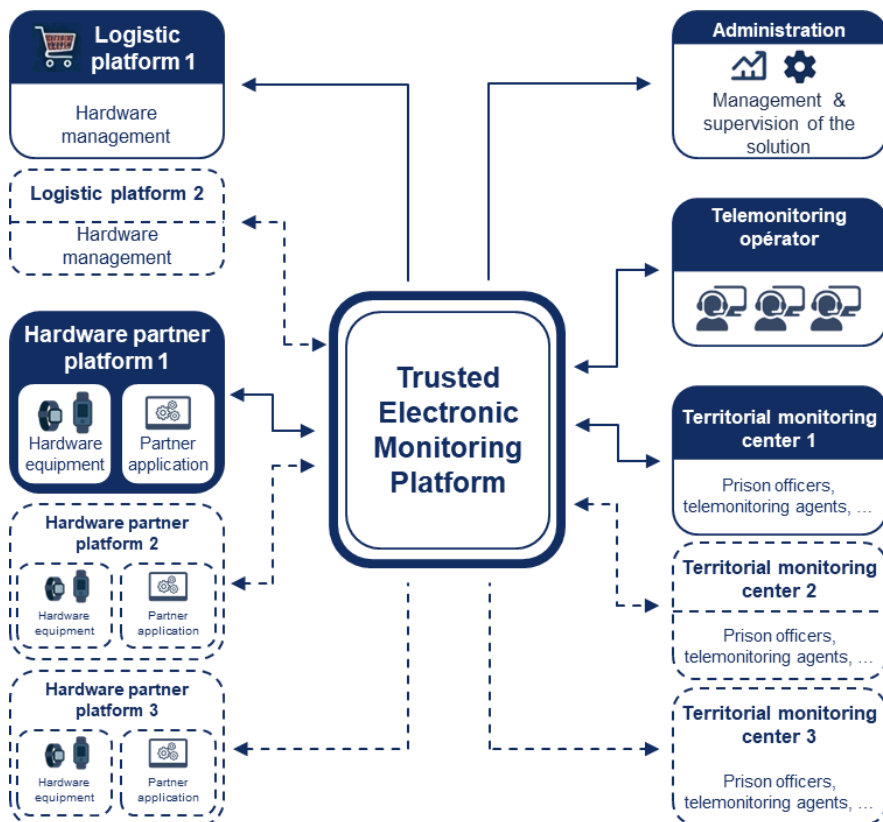
Monitor better, manage less

In a context of growing pressure on judicial and correctional systems, electronic monitoring has become a strategic lever to reconcile public safety, operational efficiency and cost control.

Devices and logistics are often fragmented, complex to manage, and difficult to adapt to local requirements.

Our electronic monitoring platform is designed to address these challenges by **unifying, simplifying and securing** your entire monitoring ecosystem, while delivering the API-driven flexibility needed to stay agnostic to hardware providers and logistics partners. This enables seamless integration with any device or logistics workflow through APIs, ensuring **future-proof** adaptability as policies evolve.

Thanks to its **adaptable rules engine**, tailored to each organization's operations, you achieve the same outcomes with **half the staff** compared to a traditional monitoring solution.



The solution and its principles

A centralising platform

a single control point for your entire ecosystem

Unify, simplify, optimize. A single, multi-vendor platform for all devices that **aggregates** and **normalizes** data from diverse hardware and technologies. Key benefits:

- Escape vendor lock-in
- Coexist multiple device generations and providers seamlessly
- Evolve your devices fleet without touching the software platform
- Access a single interface for real-time views and end-user tracking (location, schedule, history)

Consistent device management with **identical processes, dashboards**, and alert rules, **regardless of supplier**. Agents have one place for technical events and the CRM context of the monitored individual.

From raw data to targeted action, the system **minimizes noise** while **maximizing value**.

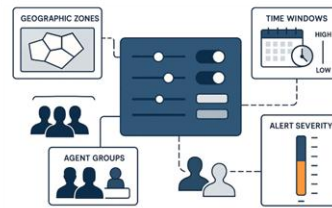
- The robust rules engine aggregates, correlates, and prioritizes events without deleting data, **reducing noise** by up to **four times** while preserving integrity.
- Intelligent processing adds meaningful grouping, context, and history, so **high-value alerts** trigger according to specific scenarios with clear priorities
- Enhanced decision support provides rich context—history, geolocation, and active measures—enabling **quick, accurate decisions**.

Result: Officers can focus on high-value cases as event volume drops and responsiveness improves, with alerts making sense. Overall, alerts are reduced by about fourfold compared with raw device alerts.

Personalisation and compliance

a solution that fits your regulatory framework

Each jurisdiction, each administration and each territory applies its own rules. Our platform does not impose a rigid model on you: it adapts to your environment.



Tailored business configuration:

- Define alert rules, severity, time windows, and geographic zones to match your laws and practices
- Different settings by organization, department, court, or service provider
- Respect data retention and protection obligations

Integrated administration structure:

- Organize processing by agent groups, security providers, and authorized stakeholders
- Assign by territory, monitoring type, or authorized action
- Route alerts to the right person at the right time with appropriate priority

Result: Your solution accurately reflects your organisation and your regulations. You retain full control over your processes.

The solution and its principles

Enhanced security

end-to-end confidentiality, resilience and traceability

Electronic monitoring data is among the most sensitive information an administration can handle. Our architecture embeds **security** at every level, without compromise.

Data protection:

- **Dedicated or shared hosting** options are accommodated to meet your data security and capacity needs, with an isolated environment when required (sovereignty, certifications, etc.) or a compliant multi-tenant/hyperscaler setup, ensuring the platform remains secure, scalable and aligned with your governance requirements
- **Encryption** of stored data
- Fine-grained **access management** based on roles, clearances and operational perimeters

Full traceability:

- **Logging of all actions** performed on the platform
- Enhanced audit capabilities to respond to internal controls, inspections or requests from oversight bodies

Scalability

a platform that grows with your needs

Public policies evolve, and so do the needs for electronic monitoring. Our solution is designed to support this growth without disruption or technical overhauls.

Controlled scale-up:

- Progressive **addition of devices** (bracelets, home units, mobile devices) without performance degradation
- **Geographic extension** to new territories or jurisdictions, each with dedicated configurations
- Increase in the **number of users** and intervention teams, structured by roles and responsibilities

Functional evolutivity:

- Integration of new monitoring scenarios or new categories of measures
- Adaptation to future legislative or organisational reforms

Result: You benefit from an infrastructure aligned with the highest standards of trust, transparency and accountability that modern electronic monitoring requires

Result: You have a future-proof platform, ready to support your strategic decisions over the long term, without major technical or budgetary reinvestment at every change.



Key features

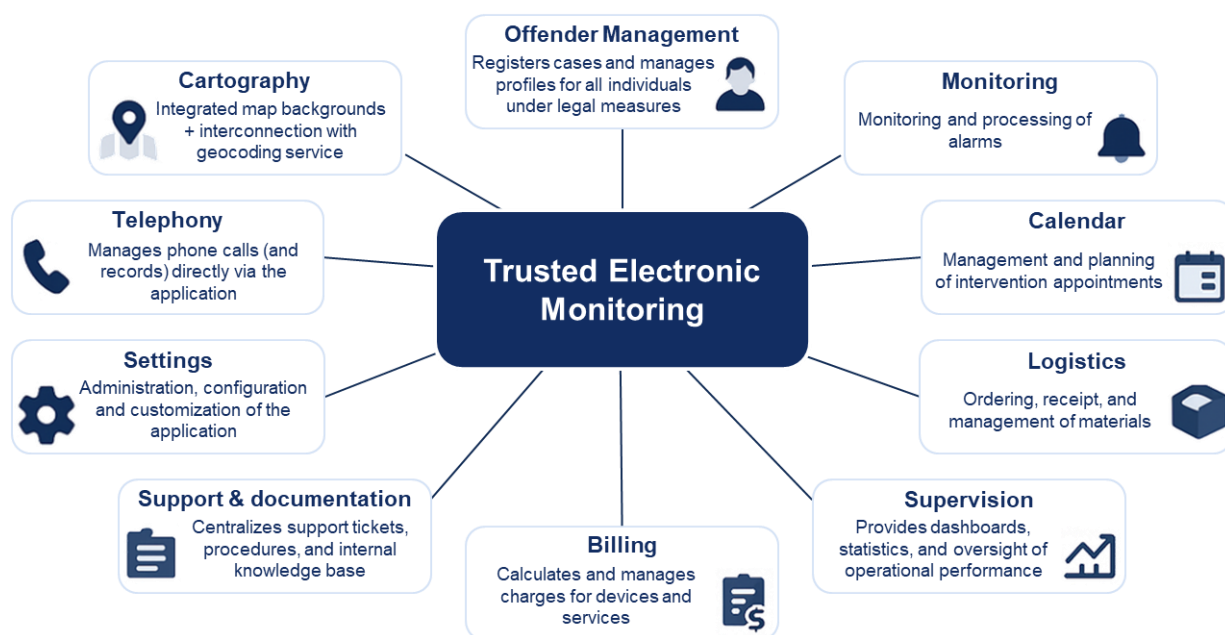
A modular business architecture to build your target solution

Rather than a monolithic application, our electronic monitoring platform is built as a set of **business components** that can be combined to match your operational model and priorities. Each administration can assemble and activate the modules it needs to construct its own target solution, and extend it over time without redesigning the whole system.

At the core sits the **Trusted Electronic Monitoring** engine, surrounded by specialised functional components such as shown below :

This **modular architecture** allows you to:

- **start with a core** set of components and progressively add new ones (for example supervision dashboards, logistics or billing),
- **align the functional scope** with your internal organisation (who does what, with which module),
- **adapt easily to future** reforms or process changes by reconfiguring or replace components by new ones rather than changing platform.



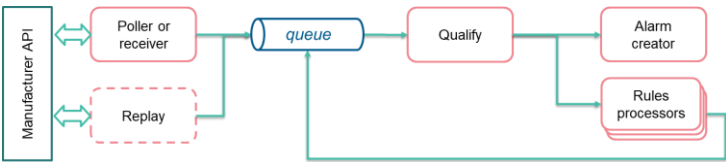
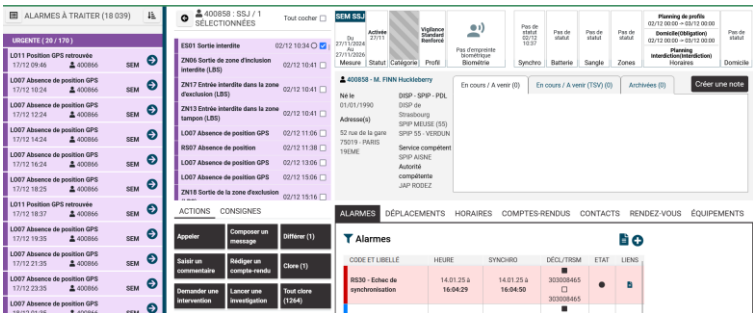
In the following sections, two key features are detailed to illustrate how these components work together to deliver a unified, configurable and future-proof electronic monitoring solution.

Monitoring and processing of alarms

The platform provides a centralized monitoring workspace where all alarms are collected and prioritized. Agents share a common basket—updated in real time and sorted by severity—so **no event is missed** and everyone has a clear view of current workload.

From the shared basket, each agent creates a personal list by selecting alarms to process; once taken, alarms disappear from the shared view and become the agent’s responsibility. Multiple alarms can be processed at once to **improve efficiency** and **prevent duplicate work**, with concurrent calls natively managed to avoid conflicts during alarm processing by agents.

For offender-related alarms, the system **offers a configurable set of actions** (call the offender, send a message, add a comment, draft a report, close the alarm, request technical assistance, or initiate an investigation), tailored to local practices. Agents also have **quick access to relevant context**—sentence and measure details, status, alarm history, and real-time device data—presented in a single, coherent interface.



Rules engine : from raw events to meaningful alarms

At its core, the platform uses a flexible rules engine to turn **raw device events into high-value alarms**.

An event is any message from monitoring devices; an alarm is a qualified event defined by your context and rules (measures, schedule, history, risk).

→ **The engine combines, repeats, detects gaps, and reflects what matters.**

This approach keeps only business-value alarms, ignoring others and logging them for traceability.

Even with a continuous device/data stream, agent-visible alarms can drop by up to fourfold without losing information. Admins can **dynamically adjust** parameters and scenarios without restart, delivering a smoother experience: open cases, plan interventions, contact offenders, or log follow-ups.

All alarms are automatically linked to their related case, ensuring **full consistency** between signals, operational decisions, and the legal context of each monitored person.

Proven at scale

Ministère de la Justice



Solution

- Fully specific solution to match all customer requirements and French law compliance
- Highly secured system, with availability SLAs of **99,97%**
- Safe methodology used to deliver in 9 months only the domestic violence electronic monitoring program

Challenges

- Implement electronic surveillance as an alternative to imprisonment
- Public safety and data sensitivity issues required a highly secure solution
- Compliance with the French Code of Criminal Procedure, and easy to adapt
- In 2020 France decided to implement a domestic violence electronic monitoring program. Worldline designed, built and runs a tracking system preventing offenders from approaching victims

18,000
electronic tags
deployed

2,000
victim protection
units active 24/7

About Worldline

Worldline [Euronext: WLN] helps businesses of all shapes and sizes to accelerate their growth journey – quickly, simply, and securely. With advanced payments technology, local expertise and solutions customised for hundreds of markets and industries, Worldline powers the growth of over one million businesses around the world. Worldline generated a 4.6 billion euros revenue in 2023.

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