A GRAPHENE-BSM PRODUCT · PRIVATE RESIDENTIAL INFRASTRUCTURE

Sentinelle

A private residential infrastructure for intelligent security, surveillance and automation — designed around your property, controlled locally where practical, and built to remain yours.

WHY THIS IS DIFFERENT

Not another closed ecosystem

Most home security and smart-home solutions lock you into a subscription, depend entirely on someone else's cloud, and limit what you can add later. Every Sentinelle installation is designed specifically for your property — not adapted from a generic package.

Private by design

Core functions can operate locally, so sensitive data can stay within your property wherever the chosen architecture allows.

Locally controlled

Core local functions are designed to keep working through an internet outage, for equipment and services that don't depend on the cloud.

Vendor-independent

Built on an open, interoperable architecture rather than locked into one manufacturer's ecosystem.

Built to evolve

Add capability over time without starting over.

Securely accessible

Access your system remotely through a secure connection, without exposing your home network's internal services directly to the internet.

Tailored to your home

Not adapted from a generic template.

HOW IT'S DEPLOYED

Your hardware, or ours

Sentinelle isn't tied to a proprietary box. It can run on suitable hardware you already own, or on a pre-configured Sentinelle Appliance ready to become your property's local infrastructure.

Your hardware

Already have a suitable server or mini PC? We can deploy Sentinelle onto it after a short compatibility check.

Sentinelle Appliance

Prefer a ready-to-run solution? We supply a pre-configured mini-server with the platform installed and prepared for your property.

Automated deployment

For supported hardware, deployment starts by booting the machine from the Sentinelle installer — the base installation runs automatically from there.

Simple to start. For supported hardware, deployment begins by connecting the installer and booting the machine — the base platform installs itself from that point on. Configuration, integration and commissioning are then completed as part of your Sentinelle project. Full detail online [3].

CHOOSE YOUR LEVEL OF VIGILANCE

Sentinelle is the top of three levels

Not every home needs the same thing. Some people just want to keep an eye on one specific spot. Others want a real security system that misses nothing and answers to no one but them. Sentinelle is our complete infrastructure — and it's the top of a ladder, not the only option.

ENTRY

Veille

Just keep watch

14–22M VND

MID

Vigie

A dedicated, always-alert watch

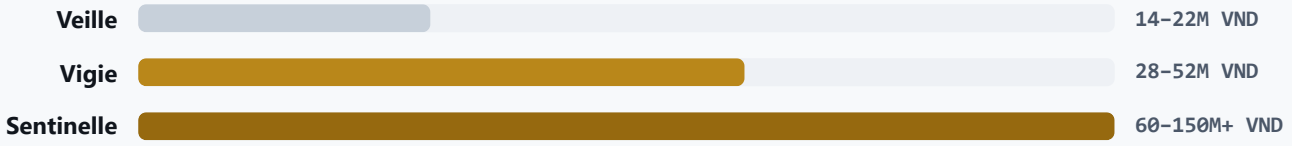
28–52M VND

TOP

Sentinelle

The complete infrastructure

60–150M+ VND



Each level keeps everything the one before it does and builds on it — nothing gets replaced when you move up, and most Vigie installations can grow into full Sentinelle later on the same equipment already in your home. Vigie's detailed pricing by property size, and Sentinelle's Ongoing Care tiers, are available on request.

Not sure which level fits? Try the two-minute online estimate [1] — or get in touch directly [2].

IN PRACTICE

What this looks like at home

Two quick, illustrative examples — not real installations — to make the difference between tiers concrete.

VIGIE · ILLUSTRATIVE EXAMPLE

One entry point, properly watched

An apartment with a single vulnerable entry point gets a dedicated camera with real detection — not just "motion detected," but a system that tells a delivery from someone lingering. A push notification with a short clip goes out when something real happens. No siren, no automation — just a quieter, smarter watch than a generic camera app.

- Dedicated detection & alerts
- Push notification with clip
- No automation, no noise

SENTINELLE · ILLUSTRATIVE EXAMPLE

A detached family home, fully covered

Full perimeter camera coverage with AI-assisted detection that tells a delivery van from someone testing a door handle. A confirmed intrusion triggers an on-site siren and strobe alarm immediately, while the homeowner gets a push notification with a short clip — all before they've even reached for their phone. The system arms and disarms itself automatically based on who's actually home.

- AI person/vehicle detection
- Local siren + strobe alarm
- Push notification with clip
- Automatic arm/disarm

Illustrative scenarios, not actual clients — to show what each tier looks like in practice.

Online estimate [1]

WHAT WE PROVIDE

A complete infrastructure service

Sentinelle, our complete infrastructure tier. We don't sell hardware on its own. We deliver a complete infrastructure and systems-integration service — engineered, tested, and documented.

Secure Foundation

A hardened, professionally configured private server for your home — sized, secured, and tuned for reliable long-term performance. Dedicated local storage and a backup strategy matched to what actually needs protecting.

Intelligent Surveillance

Your cameras, integrated and configured properly — with AI-assisted detection that tells the difference between a passing car and someone at your door. Notifications set up around how you want to be alerted, not constant noise.

Home Automation

A local automation platform configured for your home, your devices, your routines — communicating locally, without depending on a manufacturer's cloud staying online.

Secure Access & Network

Encrypted remote access to your own system, from anywhere — without opening a single port on your home network. Professional network segmentation throughout.

Handover & Documentation

Full system testing before you ever see it. Complete documentation of exactly what was installed and how it works. A guided handover session, not a box left on a shelf.

OUR PHILOSOPHY

Built to outlast any one vendor

Your home should keep working even if:

- your internet connection goes down,
- a manufacturer stops supporting a product,
- a cloud service changes its pricing overnight,
- or you simply want to add something new next year.

Your data can stay yours.

Your automations can run locally.

Your cameras can record locally.

Your infrastructure belongs to you.

LE PARCOURS SENTINELLE

The same rigor, every project

Every project, regardless of size, follows the same defined process — a repeatable methodology, not ad-hoc technical work.

01
Audit
Discovery

02
Conception
Design

03
Préparation
Infrastructure prep

04
Déploiement
Secure deployment

05
Mise en service
Commissioning

06
Documentation
Documentation

07
Accompagnement
Ongoing support

INVESTMENT

Priced on engineering, not device count

This section covers Sentinelle specifically. The value is in the engineering, the integration, the security posture, the documentation, and the fact that the system is built to still make sense in five years — not in how many boxes get mounted on a wall.

PROPERTY PROFILE	TYPICAL PROJECT
Apartment / small residence	**60–75M VND**
Standard house / villa	**80–105M VND**
Premium villa / larger property	**110–150M+ VND**
Multi-building / complex property	**Custom proposal**

Every project starts with an **Audit & Design** phase (6–10M VND, deducted from the final project price if you proceed) so the quote reflects your actual property, not a guess. Hardware, cameras, and on-site installation labor are quoted separately based on your specific equipment needs.

ONGOING CARE

Optional, never required

A Sentinelle system is designed to look after itself, with no subscription at all. Maintenance updates follow a controlled patch strategy, applied at a quiet time so they don't get in your way. For clients who want an ongoing relationship — someone proactively watching, available when something needs attention — three levels of care.

INCLUDED	ESSENTIAL	COMFORT	PREMIUM
Security-patch strategy & safe self-maintenance	✓	✓	✓
Proactive monitoring & advance alerts	—	✓	✓
Configuration & automations backup	—	✓	✓
Support response	Next business day	Same day	Priority line
Remote access to your system, anywhere	—	✓	✓
Configuration changes & new devices	—	✓	✓
Application updates, tested before they reach you	—	—	✓
Preventive maintenance	—	—	✓

Prefer no subscription but still want remote access set up permanently? Available as a one-time setup instead — ask for details [2].

COMPARISON

Why Sentinelle

TRADITIONAL INSTALLER	SENTINELLE
Closed ecosystem	Open architecture
Subscription-dependent	Local-first operation
Limited integrations	Built for interoperability
Vendor lock-in	Hardware independence
Basic motion detection	AI-assisted detection
Difficult to evolve	Designed for future expansion
Often cloud-reliant	Privacy by design

NEXT STEPS

Begin with an Audit

1. Schedule your Audit & Design session
2. We review your property and your actual needs
3. You receive a fixed-price proposal and implementation plan
4. We build, test, and document your system
5. Guided handover — your system, explained, on your terms

Online estimate [1] Get in touch [2]

ANNEX

Links & contact

This brochure also exists as an interactive version online, available in English, French and Vietnamese, and in EUR or VND pricing. The links referenced above [1] [2] [3] are listed in full below.

[1] **Online estimate (2 minutes)**
https://graphene-bsm.com/sentinelle-calculator.html?market=vn

[2] **Get in touch**
Email: contact@graphene-bsm.com
Contact form: https://graphene-bsm.com/contact.html

[3] **Deployment options (your hardware or ours)**
https://graphene-bsm.com/sentinelle-hardware.html

[4] **View this brochure online (interactive version, VND pricing)**
https://graphene-bsm.com/sentinelle.html?market=vn

[5] **Privacy Policy**
https://graphene-bsm.com/privacy.html

[6] **Terms & Conditions**
https://graphene-bsm.com/terms.html

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