



Frequently Asked Questions

Solar Park Emergency Response Standard | v1.0 | April 2026

This document answers the most common questions about SPERS — who it is for, how it works, what it costs, and how to implement it. It is intended for solar park owners, operators, security companies, and emergency services.

A — For Solar Park Owners & Operators

Q What is SPERS and what does it do for my park?

SPERS gives every entry point of your solar park a unique, registered identification code — the SPERS-ID. When an incident occurs, anyone on site can immediately report their location using that code. Security operators and emergency services can look it up instantly and dispatch responders to exactly the right entrance. No confusion, no delays, no verbal navigation.

Q What does SPERS cost?

SPERS offers two options. SPERS Basic: EUR 100.00 per entry point for 10 years — covers your SPERS-ID, digital location page, and registry listing, without a physical board. SPERS Complete: EUR 100.00 per entry point for 10 years plus a one-time fee of EUR 115.00 per board, which includes installation coordination. Boards are supplied and installed through SPERS. Registration fees are payable in full at registration and are valid for 10 years.

Q Can I get a SPERS-ID for multiple entrances or fields within one park?

Yes — and this is one of the most important features of SPERS. Each distinct entry point or field receives its own SPERS-ID. A park with four fields and two entrances per field can have eight individual IDs. This eliminates the common problem of security or emergency services being sent to the wrong field or the wrong gate within a single installation.

Q How long does registration and implementation take?

Registration is straightforward and can be completed online. Once registered, your SPERS-ID is issued immediately and your digital location page goes live within 24 hours. If you have chosen SPERS Complete, board installation will be coordinated with you directly after registration.

Q Who manages my location data and how is it protected?

Your location data is managed exclusively by the SPERS Foundation, a registered non-profit Dutch foundation (Stichting). Data is limited to what is necessary for location identification: the SPERS-ID, GPS coordinates, site name, operator contact, and status. SPERS does not share your data with commercial third parties.

Q What happens to my SPERS-ID if the foundation ceases to operate?

The SPERS Foundation is structured as a non-profit with a governance model designed for long-term continuity. We are committed to formalising continuity provisions — including data transfer obligations to an appropriate successor body such as a sector association or public institution — in our governance documentation as the standard matures. In the interim, your physical board and SPERS-ID remain operationally valid regardless of registry availability, as the core system functions without digital dependency. We are transparent that this is a developing standard, and continuity governance is an active priority.

B — For Security Companies & Alarm Monitoring Centres (PACs)

Q How does a dispatcher look up a SPERS-ID during a live call?

During Phase 1 and 2 of SPERS rollout, dispatchers can look up any SPERS-ID via the registry search at <https://registry.spers.foundation>. Enter the ID and the full location record appears immediately: GPS coordinates, clickable map link, entry point details, and contact information. The lookup takes under 10 seconds.

Q Can SPERS be integrated into our existing dispatch software?

Yes. SPERS will publish a technical integration guide and API specification for alarm monitoring and emergency dispatch software providers in Phase 3 of the rollout. The integration allows SPERS-IDs to be stored as pre-registered location objects in your system — equivalent to a registered address. When a caller reports an ID, the dispatcher sees the full location record without any manual lookup. Contact SPERS to be notified when the integration guide is published.

Q What if a caller provides an incorrect or unknown SPERS-ID?

If an ID is not found in the registry, the dispatcher follows standard location verification protocol — asking for address, GPS coordinates, or landmarks. SPERS does not replace existing protocols; it enhances them. An unrecognised ID is a signal to the dispatcher to revert to standard procedure, not a system failure.

Q Does SPERS work without internet access — for the caller or the dispatcher?

Yes. The physical board always displays the SPERS-ID and the 24/7 emergency number. A caller without data coverage can still report their ID by phone. For dispatchers who have integrated SPERS-IDs into their own system, no internet lookup is required — the data is already present locally. The QR code and online registry are enhancements, not dependencies. SPERS is designed to function in all connectivity conditions.

Q How many of our client sites are likely to be SPERS-registered?

SPERS is targeting all commercial solar parks in the Netherlands, Belgium, and Luxembourg as its initial market, with broader European expansion from Year 2. A security company managing 20 solar park clients today may find that within 12 to 24 months, a significant portion of those sites carry SPERS-IDs. Early integration into your dispatch system ensures your operators are prepared before volume reaches critical mass.

C — For Emergency Services (112 / Police / Security)

Q Is SPERS an officially recognised or legally mandated standard?

SPERS is currently an independent, voluntary standard developed by the SPERS Foundation. It is not yet mandated by law or regulation. The primary focus for institutional adoption is private alarm monitoring centres (PACs) and police dispatch systems. The roadmap also includes engagement with EENA (European Emergency Number Association) with the goal of broader formal recognition. The standard is designed to meet the requirements for future ISO or CEN normalisation.

Q Can we add SPERS-IDs to our existing CAD or dispatch systems?

Yes. SPERS-IDs can be added as location attributes to any address or object record in a CAD system. They function as a secondary identifier alongside the physical address. SPERS will publish integration guidance for public emergency dispatch systems in Phase 3 of the rollout. Early adopters are encouraged to contact SPERS directly to participate in the integration pilot.

Q What information is available when we look up a SPERS-ID?

A SPERS registry lookup returns: the site name and operator, GPS coordinates with a clickable map link, the specific entry point location and approach route, primary and secondary contact persons, the 24/7 emergency number, and site status. Optional extended data — including site layout and emergency procedures — may also be present if the operator has configured it.

D — General Questions

Q Who is behind SPERS and is it truly independent?

SPERS was developed by Gerard Mulder, Founder & Standard Developer of SPERS Foundation and Physical Security & HSE Expert in Solar Energy Infrastructure, with over 1,500 operational days of direct solar park experience. It is governed by the SPERS Foundation, a registered Dutch non-profit (Stichting). The foundation has no shareholders and receives no commercial funding. It exists solely to maintain and develop the standard. Gerard Mulder's name and role are publicly stated in all SPERS documentation.

Q Is SPERS only for solar parks?

Version 1.0 of the standard covers solar installations only, reflected in the type code 'SOL' within the SPERS-ID structure. The framework is designed to be extensible. Future versions may introduce additional type codes for other energy infrastructure — wind farms, battery storage facilities, substations — depending on sector demand and foundation capacity.

Q In which countries is SPERS active?

SPERS launched in the Netherlands, Belgium, and Luxembourg in 2026 as part of the BeNeLux pilot. Country code activation for Germany, France, Spain, and Italy is planned for Year 2 of the rollout. Any European country can be added to the registry by activating its ISO country code. Contact SPERS if you are interested in becoming a national partner or pilot participant in your country.

Q How does SPERS handle my data — is it GDPR compliant?

SPERS Foundation processes only the data necessary to operate the registry: location coordinates, site name, operator details, and contact persons. Data is used exclusively to provide the registry service and is never sold or shared with commercial third parties. Registered operators have the right to access, correct, or request deletion of their data at any time by contacting info@spers.foundation. SPERS Foundation applies appropriate technical and organisational security measures and complies with the General Data Protection Regulation (GDPR). Full privacy provisions are documented in the SPERS Standard v1.0.

Q Who is responsible if location data in the registry is incorrect?

The solar park owner or operator is solely responsible for the accuracy of their registered data. SPERS is a registration service — we publish what operators submit. We do not independently audit or verify location data in the field. By registering with SPERS, operators commit to keeping their data current and to notifying SPERS promptly of any changes — including changes to access points, ownership, or site layout. Registry updates submitted by operators are processed rapidly using AI-assisted workflows, typically within minutes of notification.

Q How can I recommend SPERS to a solar park I work with or visit?

The simplest approach is to share this FAQ or the SPERS Standard document with the park owner or operator and suggest they visit www.spers.foundation to register. If you are a security company or emergency service, you can also request a SPERS information pack to distribute to your client base. Contact info@spers.foundation.

Still have a question?

Contact the SPERS Foundation directly:

info@spers.foundation | www.spers.foundation

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