

SoftBank Energy USA Chooses SenseHawk's SaaS Platform for Field Mobility and Jobsite Management

SoftBank Energy selects SenseHawk to digitize operations for its fast growing US Solar portfolio

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/EINPresswire.com/ -- SenseHawk

(www.sensehawk.com), a [solar software](#) as a service (SaaS) startup, announced that SB Energy, SoftBank Group Corp's US-based solar and storage platform, has adopted its solution for digitizing solar site operations. The deployment will enable SB Energy to achieve quick event-response time while increasing operations and maintenance (O&M) efficiency, resulting in robust savings and higher return on their investment.



SenseHawk Solar Field Mobility

 **SenseHawk**

Abhijit Sathe, Co-CEO of SB Energy said, "We believe the SenseHawk digital workflow solution for our operating sites will result in substantial productivity gains for our O&M team. It is the type of innovation essential for scaling renewables."

SB Energy's implementation of the SenseHawk [field mobility](#) and asset information solution for solar will enable remote management of all assets through a single, powerful dashboard. The included 'digital twin' system fuses real-time performance data, drone feeds, and more, with a full-featured digital model of the site to facilitate efficient workflows that can be visualized on a map. The ability to seamlessly integrate with SB Energy's supervisory control and data acquisition (SCADA) system will allow users to select and prioritize the alarm notifications, and quickly translate them into actionable, geo-located tasks for field teams.

"Our goal is to make onsite operations as simple as opening your favorite maps application and finding a restaurant in a new city while also making communication and coordination simpler. The SB Energy implementation stands testament to the real dollar value that our platform can deliver," said Swarup Mavanoor, CEO of SenseHawk.



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*Abhijit Sathe, Co-CEO of
SoftBank Energy, USA*

Solar software is seeing increased traction with the acceleration of solar installations worldwide. However, aggressive cost reduction in construction and O&M is creating challenges for O&M teams tasked with ensuring optimal plant performance. Since legacy computerized maintenance management systems (CMMS) for plant maintenance are not intuitive for field personnel use, O&M team members still rely on emails and deep personal knowledge of solar farms to pinpoint tasks in a work order. This results in specific personnel being dedicated to specific sites, increasing cost.

SenseHawk's digital twin, which simulates the asset and its environment on the platform, makes onsite task management simple and seamless, even for techs that are on site for the first time. With the SenseHawk app, a technician can move to a new site and immediately become productive without needing time to 'study' the site. Savings of 20-30% are easy to achieve with the productivity gains SenseHawk delivers. The SenseHawk platform is enterprise-ready with an extensive system of collaboration, access control, and single sign on (SSO) capability.

Every component, event, and spare part on the site is digitized and loaded into SenseHawk's map-based platform. A SCADA alarm, for instance, will trigger a workflow with tasks tagged to specific components or parts on the map. O&M technicians can use SenseHawk's mobile map interface to find and complete these tasks. All task updates, including pictures, files, and remarks, are synced to the cloud, ensuring that everyone is up to date.

Don Nista, Director of O&M, SB Energy said, "We hope that the SenseHawk platform will help our technicians and operators to locate an issue and then easily and quickly know what specific actions to take to resolve the issue and maintain, or exceed, site yield targets."

While SB Energy has already used SenseHawk's drone analytics capabilities to monitor construction quality and progress, it now plans to use SenseHawk's task management tools and Therm solution for infrared thermography at its operational plants.

About SB Energy

SB Energy, a wholly owned subsidiary of SoftBank Group Corp., is a leading utility-scale solar, energy storage, and technology platform. SB Energy develops, constructs, owns, and operates some of the largest and most technically advanced renewable projects across the United States. SB Energy's mission is to provide flexible renewable energy at scale, accelerating the global energy transition, and benefiting our planet, customers, communities, and people.

For more information, visit <http://www.sbenergy.com>.

About SenseHawk

SenseHawk, Inc. is a California-based SaaS provider that is working to digitize solar. SenseHawk builds and deploys on-demand software applications that enable yield improvement, defect identification, progress monitoring, productivity enhancement, cost reduction, collaboration, and data management throughout the solar lifecycle. From development and construction, through operations and maintenance, SenseHawk software has been deployed on 600+ solar sites worldwide.

For more information, visit <https://www.sensehawk.com>.

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