

The Solar Digitization Platform For Modern Energy Projects

[Factsheet →](#)

100+
GIGAWATTS

600+
SITES

20+
COUNTRIES

100+
CUSTOMERS

The SenseHawk Story

Two solar energy professionals, working for a leading renewable energy company, get talking on a break from an intense executive meeting on unexpected cost overruns at a client's utility-scale solar construction site.

While tossing about ideas, the peers note how similar their work challenges are despite being in very different business units. One oversees the set up of hundreds of small solar sites across developed and developing regions while the other works on utility-scale projects in developed countries.

They recognize that the key issue is poor data availability and integration around solar assets and processes. There is no solution on the market to enable efficient access, management, or analysis of data and processes for faster decision making.

An idea begins to take shape. The pair begin developing and testing software tools for data access and analysis, running a series of pilot implementations across big and small sites. Once sure of the value the solution creates for clients, they register a company, SenseHawk Inc, in California.

Three months on, they get a first round of institutional funding. In another four months, a beta version of the solution is released with 5 customers. The company grows, as it builds out what is now the Solar Digitization Platform (SDP), in response to emerging client needs, more funding, and continuous enhancements.

Today, SenseHawk has an 80+ team, two global development centers, and provides platform-based digitization SaaS globally for the solar asset lifecycle.



The Founders



SWARUP MAVANOOR

SenseHawk's CEO and Co-founder, is an engineer with an MBA from Indian Institute of Management, Kozhikode, a track record of innovation, and rich experience in building businesses across geographies. After working as a designer on Simputer, the celebrated Indian handheld device, and a lead designer on SATHI, a hand-held intelligence system for counter insurgency, Swarup went on to launch several product development programs at Cypress Semiconductors and then manage the solar irrigation business for SunEdison globally, before co-founding SenseHawk. His goal was a solar asset lifecycle digitization solution that created actionable data views for every element of the site, enabled information to be acquired, stored, added, processed or shared, and allowed actions or tasks to be performed with in-time information, everytime



RAHUL SANKHE

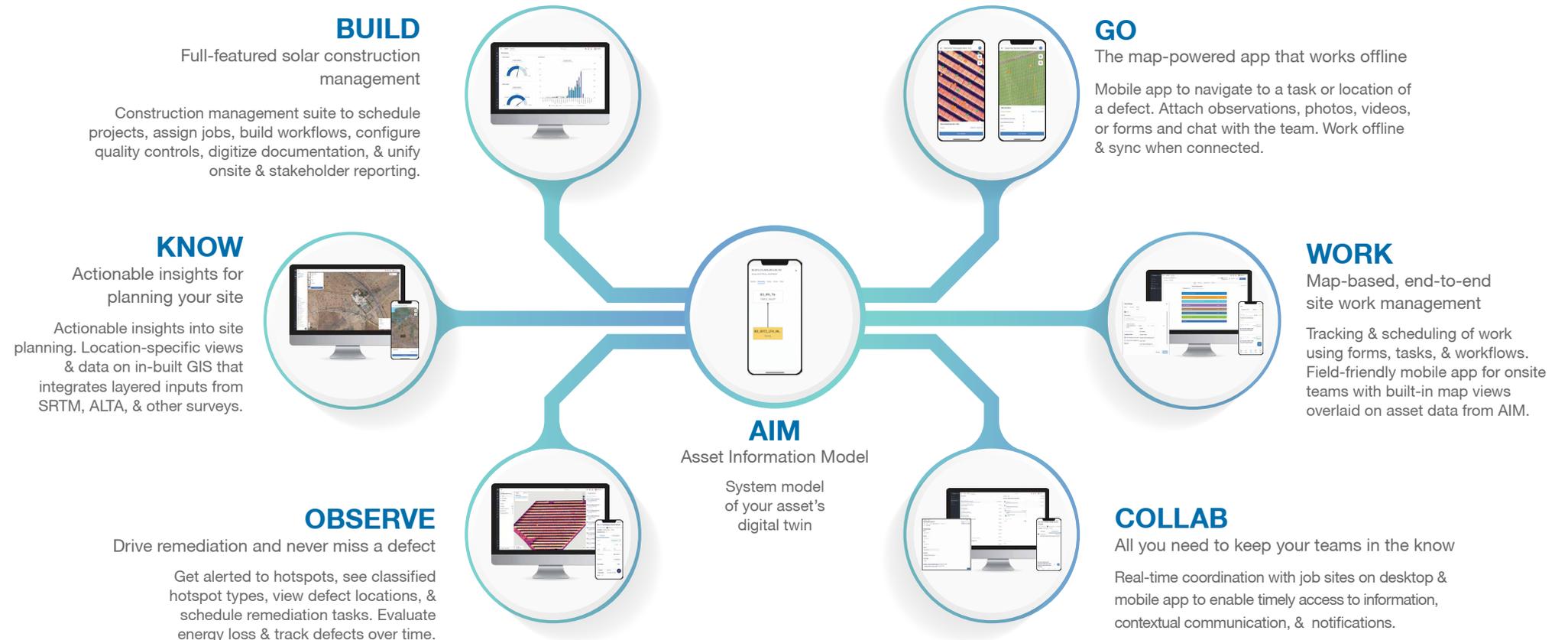
SenseHawk's President and Co-founder, is an alumnus of Indian Institute of Technology, the University of Texas, and Indian School of Business. With his background in cleantech, climate change, and solar policy, Rahul co-founded SenseHawk with the vision of a digitization platform that met the needs of all solar asset stakeholders—owners, EPCs, O&M contractors, OEMs, and financial institutions—to improve asset performance and returns. The SenseHawk Solar Digitization Platform SaaS helps with process optimization, automation, and asset information management. With the SenseHawk SDP, stakeholders can visualize, manage, track, collaborate, and remediate from a single asset-centric platform that mirrors the reality of their project

On a Timeline



Custom-built for Solar

The SenseHawk SDP allows complex solar designs to be replicated on the platform in an easy-to-navigate format. Data from various sources, as well as work items, observations, and images can then be attached to any component of the digital model



Powering Stakeholder Data and Communications Needs Through The Asset Lifecycle

Built around a proprietary Asset Information Model, SenseHawk's approach to digital transformation enables intelligent action to help manage and optimize the entire asset lifecycle. SDP integrates geospatial data, sensor data from drones, SCADA systems and others, and workflows to create a single source of truth.



Everything to get the job done

The SDP provides easy, in-time access to all information needed to get a job done. Integrate existing files and data, import or create project plans and schedules, track and monitor progress, assign and manage tasks and workflows, coordinate in real-time, communicate contextually, and control the solar project end-to-end.



All with one single platform

The platform supports the information and communication needs of all solar asset stakeholders, owners, managers, developers, EPCs, and O&M companies. The Development, Engineering, Construction, Quality, Procurement, and O&M teams operate on a single asset-centric software platform, eliminating data siloes.

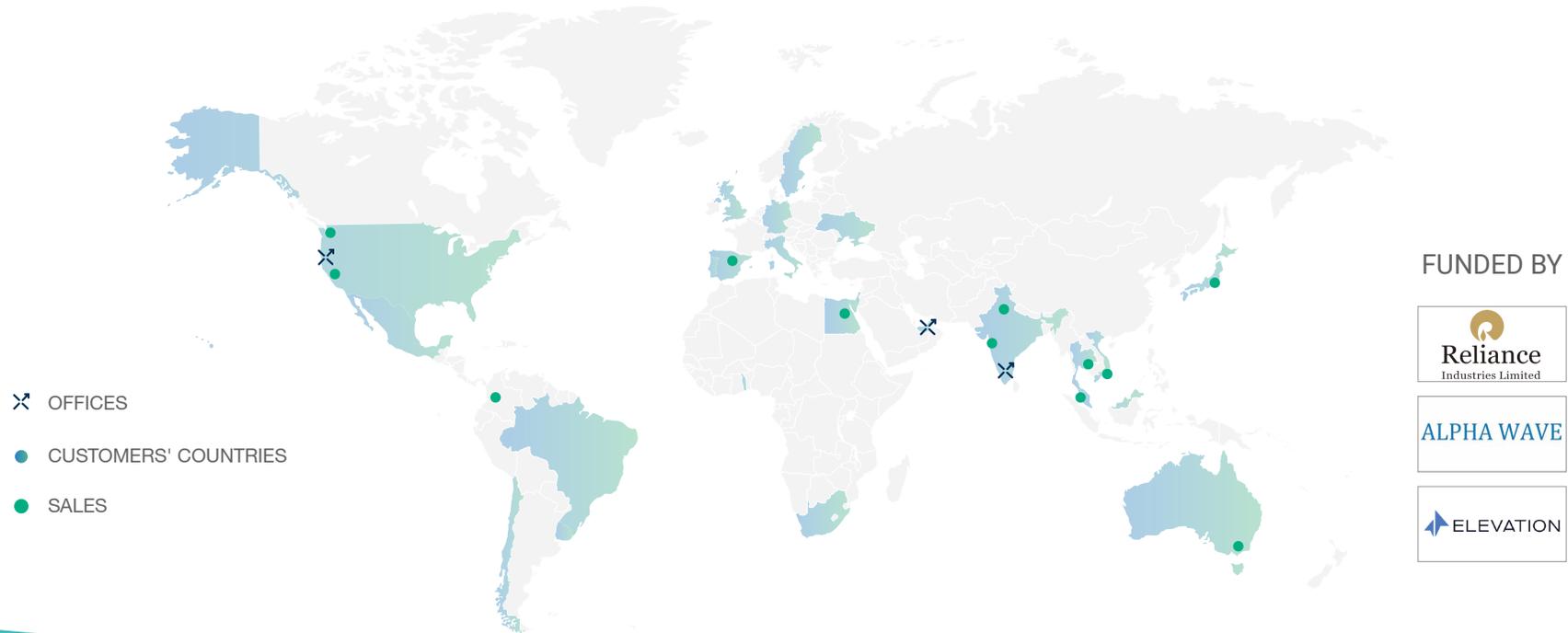


Solutions for the asset lifecycle

With the SDP, stakeholders get deep views into every part of the project to simplify management and decision-making. It helps eliminate inefficiencies, digitize a project from pre-construction to construction and operations, and to deliver value for all stakeholders and teams through the different stages of the asset lifecycle.

About SenseHawk Inc

SenseHawk is an early-stage California-based developer of software-based management tools for the solar energy generation industry with operations in the United States, the UAE, and India. SenseHawk’s Solar Digitization Platform (SDP) SaaS helps with process optimization, automation, and asset information management. It enables 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.



FUNDED BY



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