

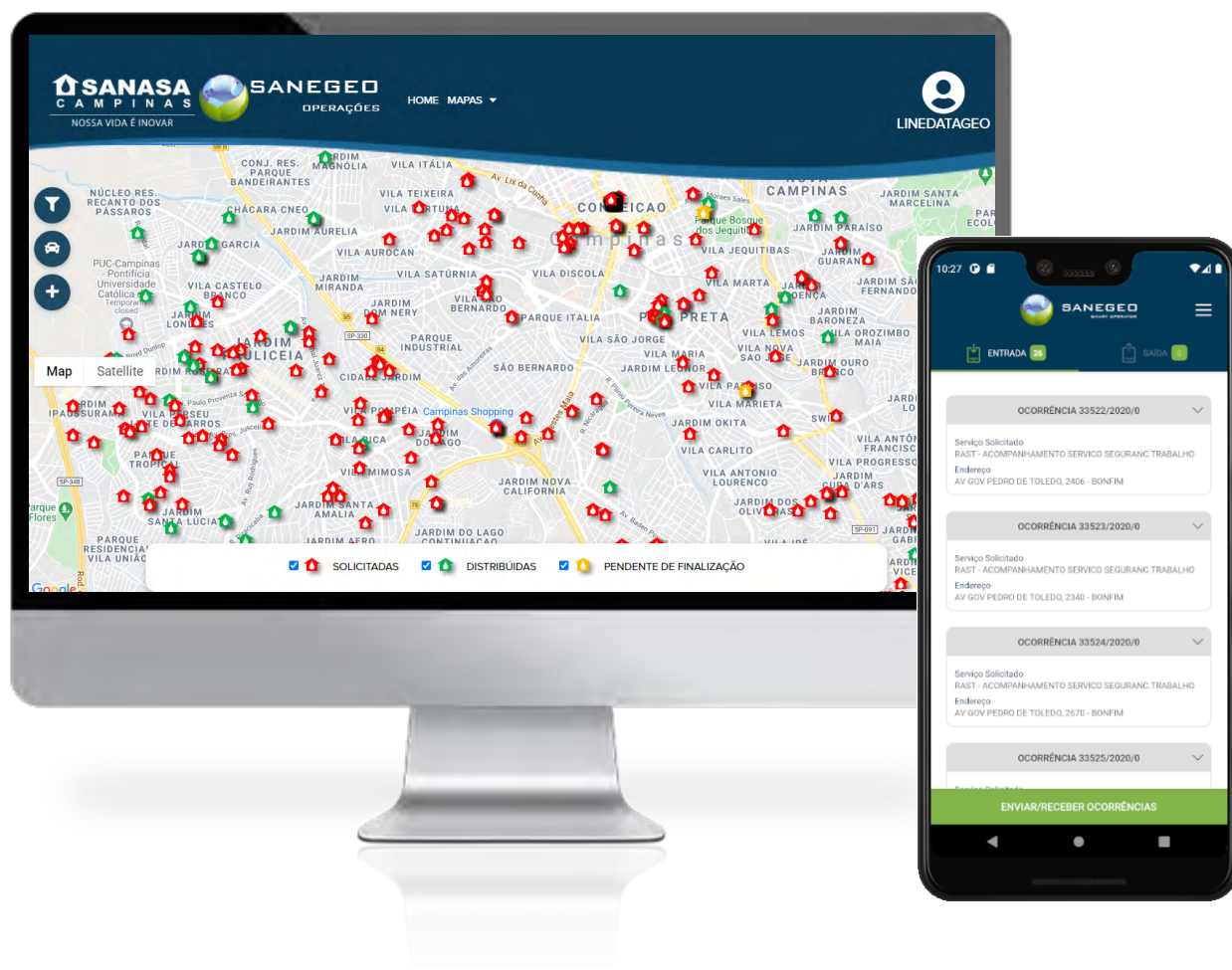
Linedata improves water utility operations using Google Maps

Sanego creates a smart grid for network management

Linedata specializes in software applications and services for electricity, sanitation, and gas utility companies in Brazil. Every day, 12 major water and sanitation companies (and nearly 3 million Brazilians) rely on Linedata solutions to keep services flowing across various water management networks.

Ensuring these water and sanitation utility operations run smoothly is Sanego, Linedata's water and sewage management system. The modular application helps network engineers, field technicians, customer service teams, and other key users maintain utility service delivery and improve operational efficiency. At the heart of Sanego is a Google-based map view of water utility infrastructure and network assets.





Driven by Google Maps Platform, location data and capabilities are essential to how utility field technicians use Sanegeo. Previously, Linedata implemented and managed Google Maps APIs on its own. However, without any Google Maps technical expertise on its development teams, Linedata found it difficult to optimize API consumption and reduce its monthly costs on API calls.

Linedata turned to Hexagon for Google Maps Platform and geospatial expertise to address its technical and business needs.

Optimizing APIs to reduce consumption

When Linedata's utility customers accessed Sanegeo using tablets and phones in the field, the geolocations of work crews were tracked using Google Maps Geocoding API. After reviewing Sanegeo's API implementations and development methodologies, Hexagon's team determined that user geolocation was already being queried and tracked via the device's coordinates.

Having Google's Geocoding API make calls to track location was unnecessary and caused Linedata's costs to be considerably high. Hexagon's assessment and enhancements were able to cut the number of API calls Sanegeo generated by 50% in the first month – without having to exchange or eliminate any APIs critical to the platform.



Ongoing, real-time technical support

To ensure that Linedata continues to get the most out of its Google Maps Platform implementation and API optimization, the company has monthly check-in calls with Hexagon's support team to address any issues and monitor API consumption. Linedata can also call or message Hexagon's support team any time to receive technical support and advice.

Wilson Castro, the CEO of Linedata, said teaming up with Hexagon and Google to solve its problems was an obvious choice: "No solution would serve us better." He said he selected Hexagon as Linedata's Google Maps provider based on its history and reputation, and he hasn't been disappointed.

"Our relationship with Hexagon has changed Linedata's view of the Google products we use," Castro said. "Hexagon's support team's service fully meets our needs."

Conclusion

With Hexagon's help, Linedata was able to optimize its Google Maps usage, reducing costs and keeping operations running smoothly for the nearly 3 million Brazilians that depend on the company's solutions. Linedata's Google Maps implementation for its Sanageo application is more efficient than ever. Thanks to Hexagon's technical and geospatial expertise, Linedata can now maintain a high level of service without added costs and complexity.



Hexagon is a global leader in digital reality solutions, combining sensor, software and autonomous technologies. We are putting data to work to boost efficiency, productivity, quality and safety across industrial, manufacturing, infrastructure, public sector, and mobility applications. Our technologies are shaping production and people-related ecosystems to become increasingly connected and autonomous – ensuring a scalable, sustainable future.

Hexagon's Safety, Infrastructure & Geospatial division improves the resilience and sustainability of the world's critical services and infrastructure. Our solutions turn complex data about people, places and assets into meaningful information and capabilities for better, faster decision-making in public safety, utilities, defense, transportation and government. Learn more at [hexagon.com](https://www.hexagon.com) and follow us [@HexagonAB](https://twitter.com/HexagonAB).