

# DevAppSol, India's #1 Private LORAWAN Provider Develops World's Lowest Powered Ultra-Small Multi Sensor Devices

Accelerates Asset and Resource Tracking for Digitizing Airports, Mines and Ports

**Hyderabad, Telangana May 25, 2022 ([Issuewire.com](https://www.issuewire.com))** - DevAppSol, a pioneer in Connecting assets and Resources in real-time in difficult and hostile environments in enterprises, today announced a slew of new innovations with their smallest form factor and longest battery life Wireless Multi Sensing (monitors temperature, humidity, vibration, light, and energy) devices. DevAppSol has successfully deployed Asset and Resource tracking solutions in large Infrastructure projects in airports and railways and has built and operated the largest Private LORAWAN Network in the country. DevAppSol is now targeting Digital Transformation in Ports and Mines with its new innovative devices and private networks that work both underground and hard to reach sprawling mines along with accurate location sensing

*The DevAppSol IMS (Integrated Multi-Sensing) Sensor is a self-contained, battery-powered multi-purpose sensor that allows you to capture various data points with one single unit and is able to track locations accurately even without the availability of GPS signals.*

Today DevAppSol is running India's largest LORAWAN Network in GMR Groups Rajiv Gandhi International Airport. The Network running in an area of 100,000 Square Kilometers, tracks trolleys and resources

Mines are in remote areas and deep underground. These confined spaces and asymmetric topology makes it a hostile environment for any data communication. Moreover, GPS signals do not reach and hence the inability to track the location of any asset or resource accurately. Wireless Connectivity becomes very critical as wired networks are limited in range, expensive, and highly vulnerable to impact either from heat/humidity or physical damages. Location tracking needs to utilize different triangulation techniques in wireless and accelerometer/gyro to keep the ongoing history of movement of any asset or resource.

DevAppSol Smart Mining Solution (SMS) leverages IMS sensors to monitor and track workers and equipment in Mining sites to prevent or minimize fatal or serious incidents during operations while ensuring smooth running while cutting costs, optimizing maintenance, and avoiding theft/loss. Our Smart Mining Solutions are the harbinger for Digital Transformation in Mines bringing can be a lever for innovative and positively disruptive business models, which will make the mining industry more competitive and sustainable not only in India but globally as well.

"DevAppSol's one-stop solution unlocks powerful productivity capabilities to fuel digital transformation across these asset-intensive industries. Our solutions are easy to deploy and flexible enabling stakeholders to leverage real-time data to predict maintenance/failures/accidents and increase operating efficiency. We are already in an advanced stage of discussion with two major mining companies in South America and North Africa" said Soma Srikanth Founder and CEO DevAppSol

*Our partner Kerlink.com who was part of our success in Airports will pave the way for these new initiatives too...*

Speaking on the occasion Girish Dadheech, Vice President, Kerlink India - "We are very excited to be a part of this partnership with DevAppSol, a market leader in niche areas like Airports, Mines, and Ports,

together with their innovative solutions approach on Kerlink's highly robust, performant and reliable outdoor Wirnet™ iStation & indoor Wirnet™ iFemtoCell IoT gateway platforms, we are able to expand the reach of LoRaWAN® to newer heights, especially with the challenges in mines, where the long-term sustainability of network and devices are quintessential to track and monitor”.

DevAppSol is a single-stop solution for Asset and Resource Monitoring for Enterprises in difficult and hostile environments that include the small form factor, the Network, and the IoT Platform and Application available on an easy business model running either on-premise Servers, Private or Public cloud with analytics dashboarding, etc.

The IMS solution offers

- Reliable Connectivity
- Real-Time Asset and Resource Tracking and Monitoring
- Prevent caught in/between incidents by tracking the machines and workers (360-degree Collision Avoidance)
- Heat stress detection
- Track environment information such as humidity, wind speed, temperature, and gas leaks
- Confined space working safety and enforce zone safety regulations (Restricted Zone, Free Fall, Zero Movement alert)

## About Kerlink

Kerlink Group is a leading global provider of end-to-end connectivity solutions for designing, deploying, and operating public & private low power/wide-area (LPWA) Internet of Things (IoT) networks. Its comprehensive product portfolio includes industrial-grade network equipment, best-of-breed network core, operations, and management software, value-added applications, and expert professional services, backed by strong R&D capabilities. Kerlink specializes in enabling future-proof intelligent IoT connectivity for three major domains: Smart City & Quality of Life – urban operations, utilities & metering, retail & public places, infrastructure & hubs, health; Smart Building & Industry – buildings & real estate, industry & manufacturing, asset monitoring & tracking, and Smart Agriculture & Environment – precision agriculture, cattle monitoring & farming, environment & climate, and wildlife protection. More than 200,000 Kerlink installations have been rolled out with over 350 clients in 70 countries. Based in France, with subsidiaries in the US, Singapore, India, and Japan, Kerlink is a co-founder and board member of the LoRa Alliance® and the uCIFI Alliance™. It is listed on Euronext Growth Paris under the symbol ALKLLK.

## About DevAppSol

DevAppSol helps to digitize processes and services across industry verticals for enterprises worldwide. We create and support end-end solutions that simplify the management and usage of the connected objects for reliable data and analysis for the client. We are a strong team with deep expertise in RF technologies adoption, Hardware design, and Application development. We guarantee reliable, scalable, and secure customized solutions.

DevAppSol solutions improve productivity, streamline workflow, achieve higher ROI, and reduce cost. We (Customize our solutions to) serve a huge variety of use cases across various Industries - Airports, Mines, Ports, Manufacturing, Healthcare, and Logistics & Transportation.

Operating in a smart city and managing assets in two of the largest private airport companies in India enabled DevAppSol to accumulate diverse experience of IoT integrations into various business processes and to form a holistic vision of the smart connected infrastructure.

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