Dialog Enterprise’s Smart Fleet paves the way for efficient demining in the North & East of Sri Lanka



Dialog Enterprise partnered with Mines Advisory Group Sri Lanka (MAG) to equip purpose-built vehicles with its innovative Smart Fleet real-time GPS-driven vehicle tracking system. This will assist the ongoing demining operations in the northern and eastern provinces covering Vavuniya, Mannar, Kilinochchi, Mullaitivu, Batticaloa, and Trincomalee. MAG systematically locates and removes landmines, unexploded ordnance, and other remnants of war. MAG has released over 52.5 square kilometers of land, cleared over 63,714 mines, and removed over 28,187 unexploded ordnances. To carry out this large-scale operation consisting of over 900 staff, MAG relies on a fleet of heavy vehicles, which include excavators, lorries, double cabs, and bowsers, to ensure an effective and smooth operation. Approximately 95% of MAG vehicles have been fitted with the Smart Fleet solution, which provides precise data on vehicle movement, location, unauthorized usage, security, and fuel consumption. Several demining sites are located in remote areas with fewer telecommunication facilities; therefore, a GPS tracking system utilizing innovative fleet technology allows vehicles and team members to be detected at any given time to ensure their safety and security.

Kevin Klerx, Head of Support Services of MAG Sri Lanka, says, “Thanks to this innovative solution provided by Dialog Enterprise, we can track all of our vehicles in the field with the GPS tracking system. We also have fuel sensors installed in most of our vehicles. We require approximately 40,000 liters of diesel per month to carry out our operational tasks; hence we need to understand the fuel consumption to compare with previous data to derive analytical calculations of the fuel consumption and cost. With the ongoing fuel crisis in the country, this technology enables us to establish a proper infrastructure and effectively manage our fleet.”

Dialog Smart Fleet uses real-time satellite connectivity to track routes, speed, and other vehicle diagnostics. Navin Pieris, Group Chief Officer – Dialog Enterprise, Dialog Axiata PLC, says, “In the case of MAG, we see our system being deployed for use in a large-scale humanitarian operation. This technology applies to even small and medium-scale businesses. Our fuel sensors will ensure that fleet operators have an accurate understanding of fuel levels and consumption rates. Additionally, temperature sensors would be ideal for those transporting fresh produce. Mounting up to eight cameras per vehicle is advantageous for transporting precious cargo. This is a highly adaptive solution for anyone who needs to manage their vehicles.”

Dialog Enterprise’s range of IoT tracking solutions includes generator monitoring systems to optimize the performance and fuel consumption of generators, workforce solutions to manage all significant functions of staff administration, cold room temperature monitoring solutions to preserve the quality of stored products and maintain consumer product safety standards. ATM monitoring systems provide visibility and real-time insights on an entire ATM network, server room monitoring solutions to reduce downtime and provide greater control over operations, and several other IoT device management solutions that have been tailor-made to help businesses improve efficiency by providing greater visibility on the performance of their devices.

Dialog Enterprise is ready to work with any business entity that sees the potential benefits of using such a system. Their primary goal is to lower operational costs while increasing productivity and maximizing the utilization of the fleet management system. Interested parties are encouraged to reach out to a Dialog Enterprise Expert on 077 333 0788 if they require such an innovative and promising system.