

PMPML and Google Cloud Join Hands to Build an Intelligent Transit Management System for Live Tracking of Buses

India, Nov. 1, 2022 – PMPML (Pune Mahanagar Parivahan Mahamandal Ltd.), the public transport bus service provider for the twin cities of Pune and Pimpri Chinchwad and the PMRDA region in India, today announced a collaboration with Google Cloud to build an intelligent transit management system that tracks buses live on Google Maps.

PMPML operates 371 routes around the Pune Metropolitan Region, including 117 Rainbow BRT routes that run on seven bus rapid transit corridors. This new technology collaboration will enable commuters to easily find their buses in real time, making their journeys easier.

PMPML has hardware installed on its buses that enable them to send real-time data. Through its partnership with Google Cloud, PMPML is looking to:

- Transition to a globally accepted specification GTFS (General Transit Feed Specification [GTFS](#)) for publishing transit information.
- Use any available data from the GTFS to provide insights to its management team on different performance aspects of its fleet.

The collaboration will also help PMPML ingest real-time data from all applicable buses from their OBU (on-board unit) systems installed on buses. PMPML will then further validate the data for GTFS field-values. The data is then fed to the Google Maps Partner Dashboard for GTFS validation. Finally, once published on Google Maps, the Live Transit Updates service will allow commuters to track buses in real time on Google Maps.

Over time, PMPML expects to further extend the platform to include transport analytics features, including asset tracking, predictive maintenance, and incident response. These features will reduce operational cost and increase revenue.

Google Cloud will be working through its partner, Niveus Solutions Pvt. Ltd., and others for this engagement.

Shri Om Prakash Bakoria, IAS, Chairman & Managing Director, PMPML exuded optimism on the strategic engagement between PMPML and global technology major Google Cloud. Commenting on the development he said, “This partnership with Google Cloud aspires to not only improve commuter experiences, but also improve the internal efficiencies of PMPML over time in a scalable and replicable fashion, leveraging transformational technologies like Cloud and data analytics. It will change the landscape of the public transport system.”

“We are thrilled to work so closely with the PMPML team. I believe this technology has the power to be replicated across different cities and states in India and make life easier for commuters,” said Bikram Singh Bedi, Managing Director at Google Cloud India

About PMPML

Pune Mahanagar Parivahan Mahamandal Limited (PMPML) was formed by the merger of Pune & Pimpri Chinchwad Municipal Corporation’s transport undertaking as per Government Resolution dated 19/4/2007. The company is registered under the Companies Act 1956 as a public limited company headed by Chairman & Managing Director belonging to the IAS cadre. It is the nodal public bus transport authority catering to the residents of Pune, Pimpri Chinchwad and PMRDA region. It operates 2142 buses, including its own and rental buses, over 371 routes and has 15 depots out of which 6 are electric bus depots for its electric bus fleet.

About Google Cloud

Google Cloud accelerates every organization’s ability to digitally transform its business. We deliver enterprise-grade solutions that leverage Google’s cutting-edge technology – all on the cleanest cloud in the industry. Customers in more than 200 countries and territories turn to Google Cloud as their trusted partner to enable growth and solve their most critical business problems.

