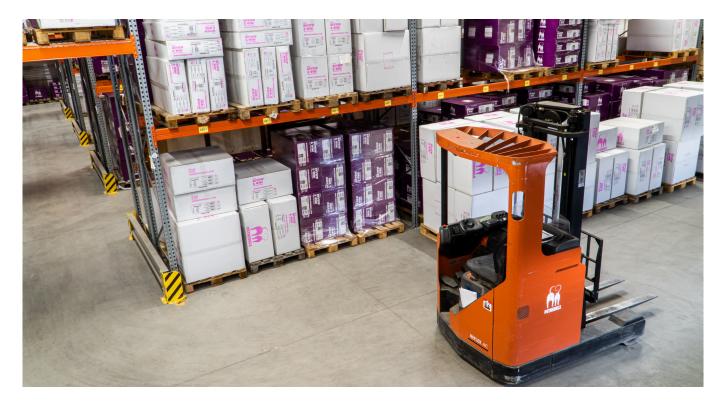**TECH OFFER**

Smart Cloud-based Inventory Solution

KEY INFORMATION

TECHNOLOGY CATEGORY:
Infocomm - Cloud Computing

TECHNOLOGY READINESS LEVEL (TRL): TRL5
COUNTRY: SINGAPORE
ID NUMBER: TO174894

OVERVIEW

The technology developer has designed a mobile-friendly Smart Cloud-based inventory solution for users who prefer to access real-time inventory status, such as inventory transactions and inventory levels, and perform simple transactions, on the go. Equipped with robust analytical capabilities, the solution is capable of providing data-driven recommendations based on the inventory data such as sales trends and order history.

The solution is based on open-source platforms such as Google Sheets, AppSheets and Looker Studio. The solution is quick to set up and easy to implement with customisable dashboards and data columns to suit different needs. Staff can also be trained to perform simple customisation of the inventory solution for a company's unique application.

Together with an integrated demand forecasting and re-ordering support system, this solution can help businesses to effectively manage their inventory levels and optimize their supply chain.

This technology offer is ideal for businesses seeking a cost-effective cloud-based inventory solution with analytical capabilities to

facilitate data-driven decisions.

TECHNOLOGY FEATURES & SPECIFICATIONS

- Real-time inventory transactions and monitoring from desktop and mobile devices
- Open-source solution utilising Google Cloud, Google Sheets, AppSheet and Looker Studio
- Analytics dashboard provides insights into inventory movement, demand trends and forecasting, as well as comparisons between brands/SKUs/customers/etc.
- Robust decision-making support for inventory reorder
- Highly customisable features, including data columns, functions and tasks automation such as WhatsApp approval request

POTENTIAL APPLICATIONS

This inventory solution is used to help businesses achieve real-time inventory visibility and optimise inventory holdings. This includes

- start-ups,
- wholesalers,
- logistics service providers,
- manufacturers and
- e-commerce sellers.

The solution benefits companies who wish to own an easy-to-use inventory management system capable of performing inventory transactions, demand forecasting and reorder recommendations.

Companies interested in implementing or/and customising the system for internal use may also send their staff for a training course conducted by the technology provider. At the end of the course, the company may obtain a license to use the system for internal use.

UNIQUE VALUE PROPOSITION

- Quick setup without costly customisation and long lead time
- Customisable performance dashboards, data tables and inventory processes
- Easy to trial and cost-effective
- System control lies wholly with company as solution is customisable and can be maintained in-house by trained staff