BeeInventor

DasLoop

A SMARTER WAY TO CONSTRUCT

Our Value

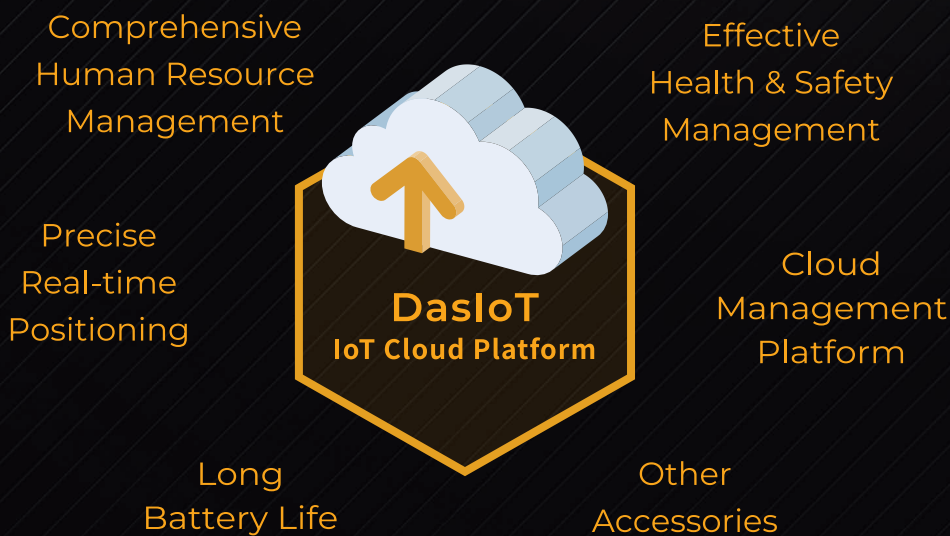While all industries are experiencing the digital revolution, construction lacks behind.

This is the core value of BeeInventor: we want to create a comprehensive IoT platform connecting all the elements of construction - People, MEP, Materials, and Monitoring Sensors, building a safer working enviroment and improving construction efficiency

To begin, we start from DasLoop.

Smart Helmet Solution

The construction industry has 8% of the work force but accounts for 1/3 of industrial accidents. OH&S issues far exceed other industries.

Hence, DasLoop was born for this: in construction sites, helmets are the most important PPE. By providing an all round protection and the cloud management platform, Dasloop is going to redefine site management.

Comprehensive Human Resource Management

Effective Health & Safety Management

Precise Real-time Positioning

DasIoT IoT Cloud Platform

Cloud Management Platform

Long Battery Life

Other Accessories

Effective Health & Safety Management	Human Resource Management	Certifications

Heart Rate & Body Temperature Detection

Using built-in sensors, DasLoop can track workers' state of health, detecting whether an abnormal condition exists.

Falling & Standstill Detection

Bulit-in accelerometer detects falling accident or standstill situation.

Anomalies will be reported on the platform in real-time and notified via Telegram for immediate assistance.

MONTH | W T F S S M T

- Attendance Records
- License expiry reminder

飛来・落下物
国家検定合格品

墜落時保護用
墜落時保護用

CE
EN 397

技適マーク

CNS1336

AS/NZS 1801

Three types of wireless communications, always stay connected

LTE-M **NB-IoT** **LoRa**

Precise Real-time Positioning

Outdoor Positioning

Providing workers' positioning precisely with GPS

Indoor Positioning

Using indoor positioning module – **BLE** or **UWB**
and combining 3D models, achieve indoor positioning in every environment

Public Announcement

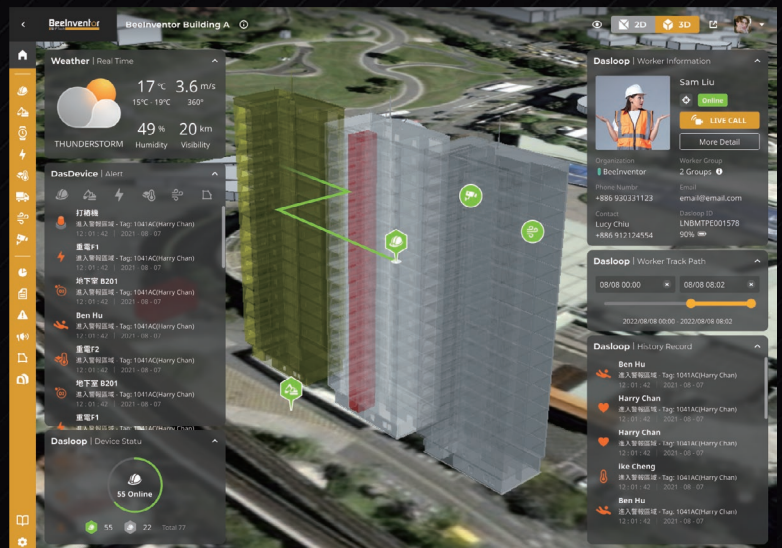Announce pre-recorded audio messages to all or selected workers at work.

Area Management

Any specific zones can be set to restricted areas or dangerous areas to prevent potential incidents from happening

Cloud Management Platform

The Digital Transformation of Construction Sites

PC, tablets or mobile phones can be connected to the smart cloud managementplatform. With clean and user-friendly interface, site management can be easy and effcient.

Other Accessories
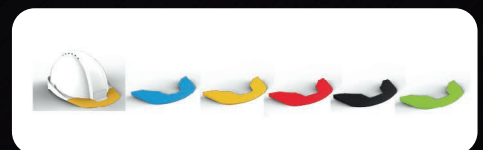
Flashlight

Provide enough lighting in the dark

Stream Camera

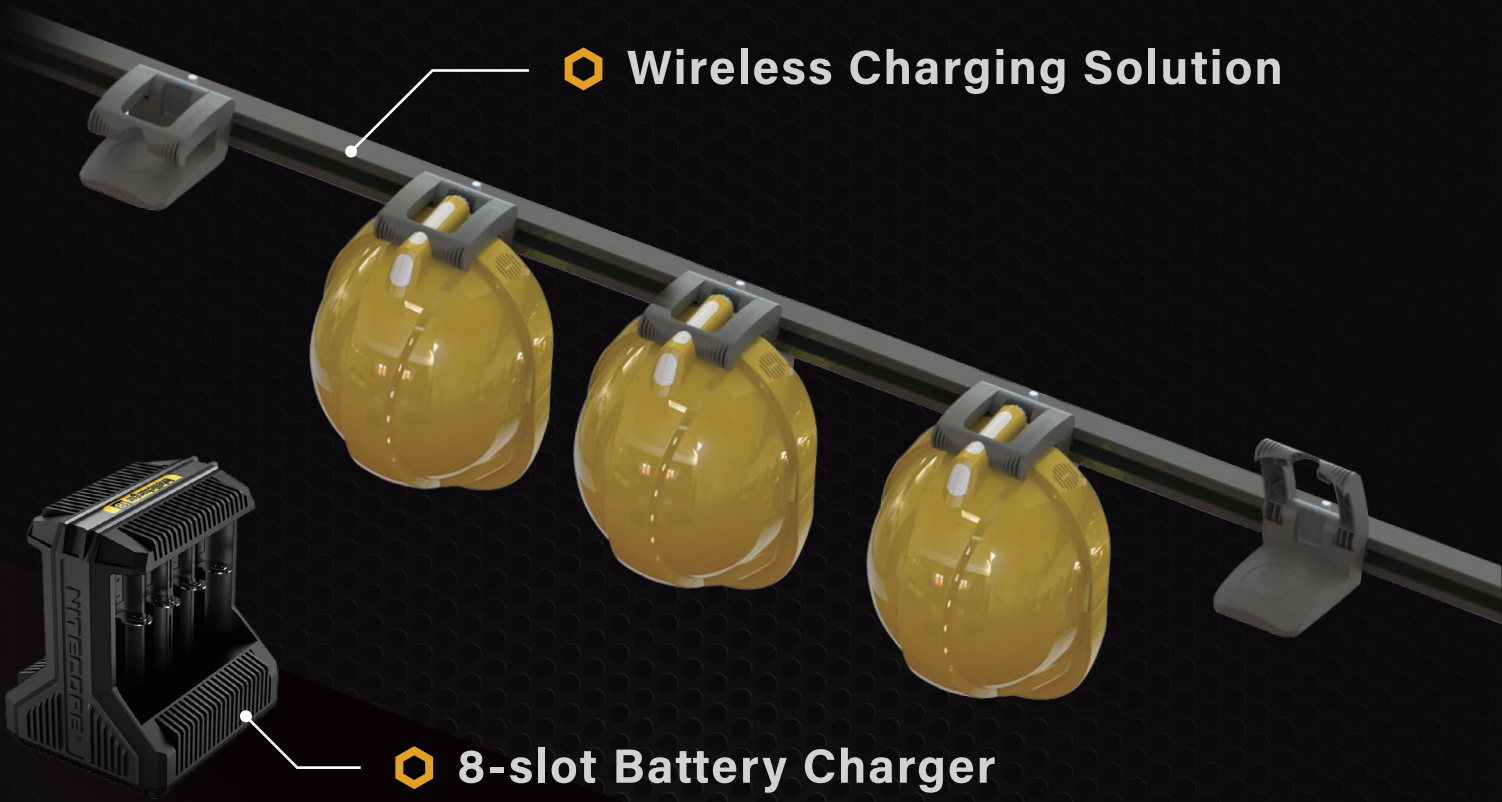Multi-user video conference

Panic Botton

SOS signal under emergency situation

Colorful & Removable Peaks

Colorful and Removable Peaks to classify different trade of workers

Wireless Charging Solution

8-slot Battery Charger

Can Work With Dastrack Collision Prevention Function

Alert system will notify both machine operators
and workers to prevent collision.

Enhance Workers' Safety, Saving Cost, and Maximizing Efficiency

Using Dasloop and Dastrack can save significant construction cost,
while maximizing working efficiency at the same time:

Saving over 50% of original
supervision fees, which
stands for 2.5% of total cost

Reducing expenses from
occupational accidents

Being implemented on more
than 100 large construction
projects, including those by
international contractors

BeeInventor