

BeelInventor

Confined Space Monitoring System

Technology-enabled Intelligent Construction Site Management



DasLoop

Smart Helmet

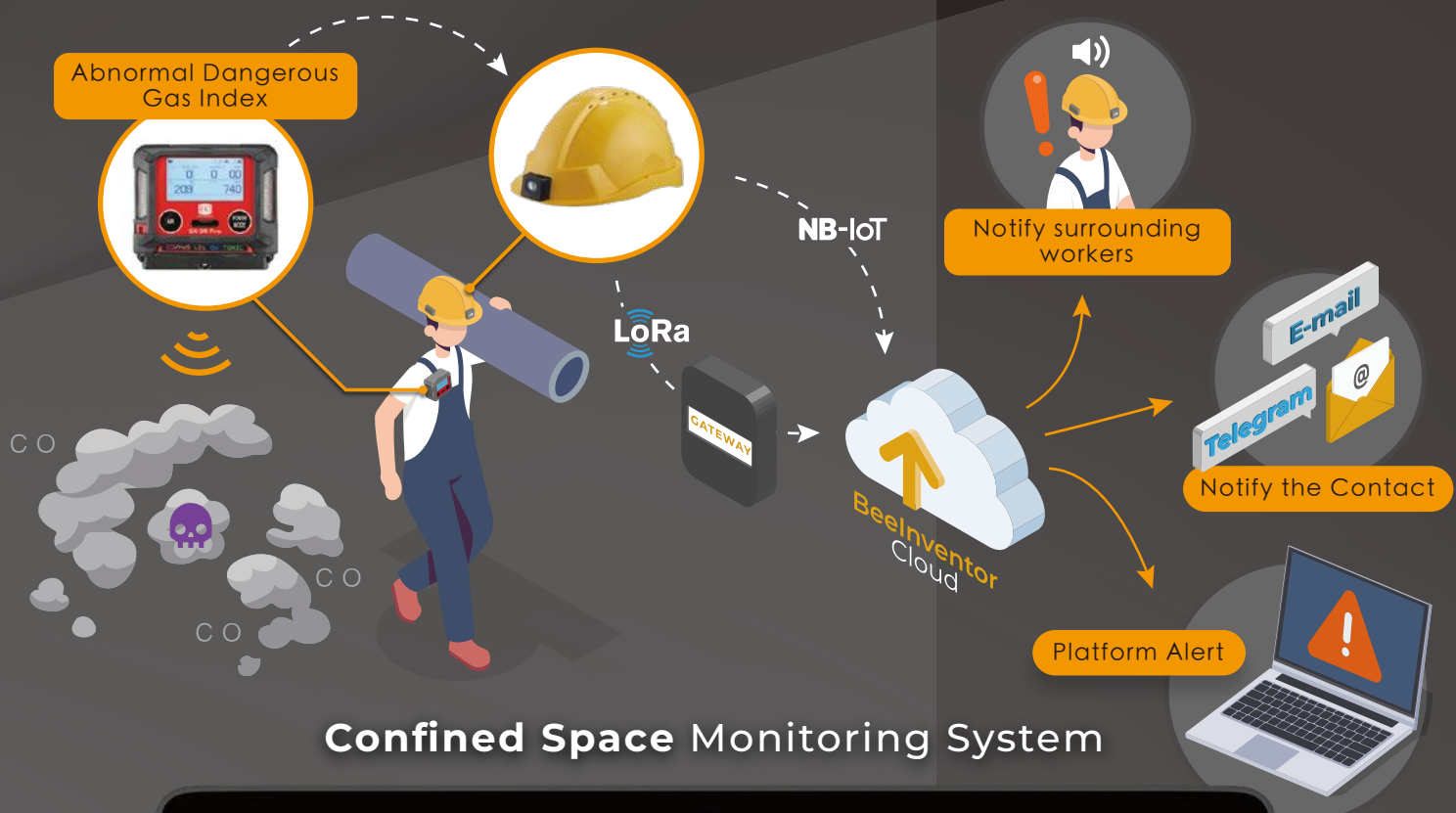


DasGas

Portable Toxic
Gas Detector

Provide comprehensive protection
for workers in **Confined Space**

Confined Space Use Cases



- Issue alarms for gas anomalies and abnormal worker conditions
- The gas status within the confined space and the total number of personnel inside the space
- Monitor workers' vital signs, body temperature, falls, and stillness
- In confined spaces, obtain real-time location of workers through locators
- Historical and real-time records of each gas value



Simultaneously detect **5 Types of Gases**

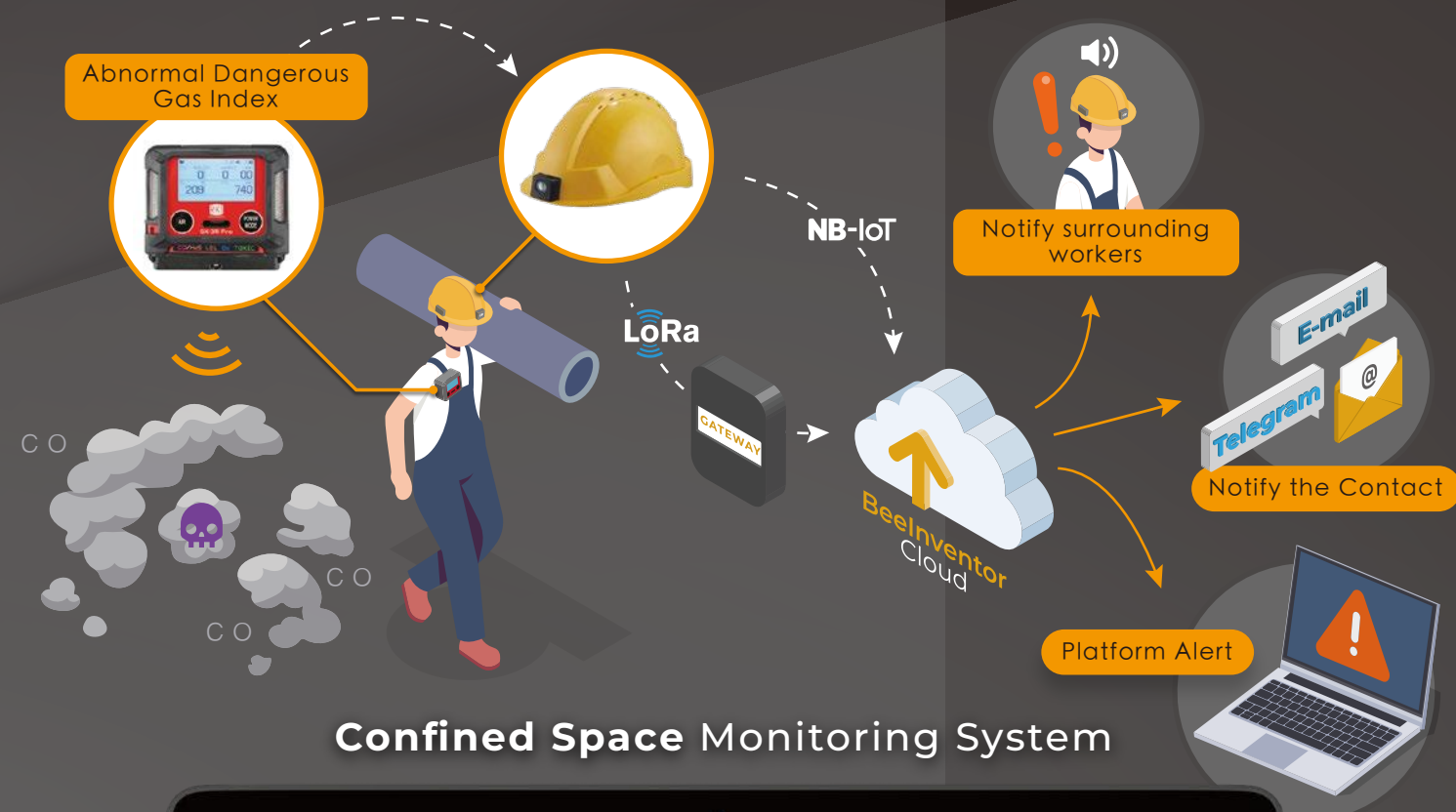


- Compact size, easy to carry into confined space
- Automatic backlight display, automatic screen rotation
- Utilize Smart Helmets for localized alarm notifications, enabling immediate evacuation of workers to prevent disasters
- Impact-resistant, explosion-proof body (Ex ia IIC T4 Ga), dustproof, waterproof structure (IP66/68)



Link with **Smart Helmet** to provide real time toxic gas data to **DasIoT Platform**

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What is Confined Space?

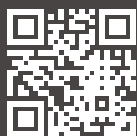
A confined space has limited or restricted means for entry or exit and is not designed for continuous occupancy. Confined spaces include, but are not limited to, tanks, vessels, silos, storage bins, vaults, hoppers, pipelines, manholes, tunnels, ductwork, equipment housings, pits, etc.

Hazardous Gases at Construction Sites

E.g. oxygen deficiency and hydrogen sulfide poisoning are common in manufacturing and construction industries. Oxygen deficiency can rapidly lead to unconsciousness and death, leaving potential long-term effects

Smart Solutions

Combining world leading smart helmet solution and portable toxic gas detector. Provide comprehensive safety monitoring to workers in confined space which completely eliminates risk of accidents.



email / hello@beeinventor.com
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Smart Helmet

+



Portable Toxic Gas Detector

+



DasIoT Platform



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