Quick Deployment ATEX Approved Radio Communication System

Danimex™
WHEN YOU NEED TO TALK

When the unexpected happens there's no time to waste. Built for extreme conditions and critical missions, the Rescue Kit from Sybet International keeps your team connected, coordinated, and in control.

SYBET INTERNATIONAL

Simple Communication System

With BatNodes and mPhones, you get a fully wireless, stand-alone communication network - no cables, no infrastructure, no complex setup required.

How it works:

» *Place BatNodes roughly every 50 metres - along a tunnel, inside a ship, or through a pipeline.*

» *Switch them on and leave them - they automatically create a stable wireless mesh network.*

» *Teams on the ground use mPhones (radio handsets) to communicate clearly through the network.*

No base station, no internet, no external power - just BatNodes and mPhones, and you're operational.
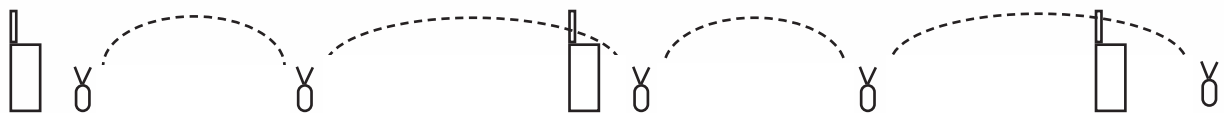
Quick to deploy. Easy to use. Reliable where other systems fail.

The solution is well-suited for use in following verticals:
» *Fire and Rescue Services*
» *Oil and Gas Industry*
» *Mining Operations*

Certification approved:
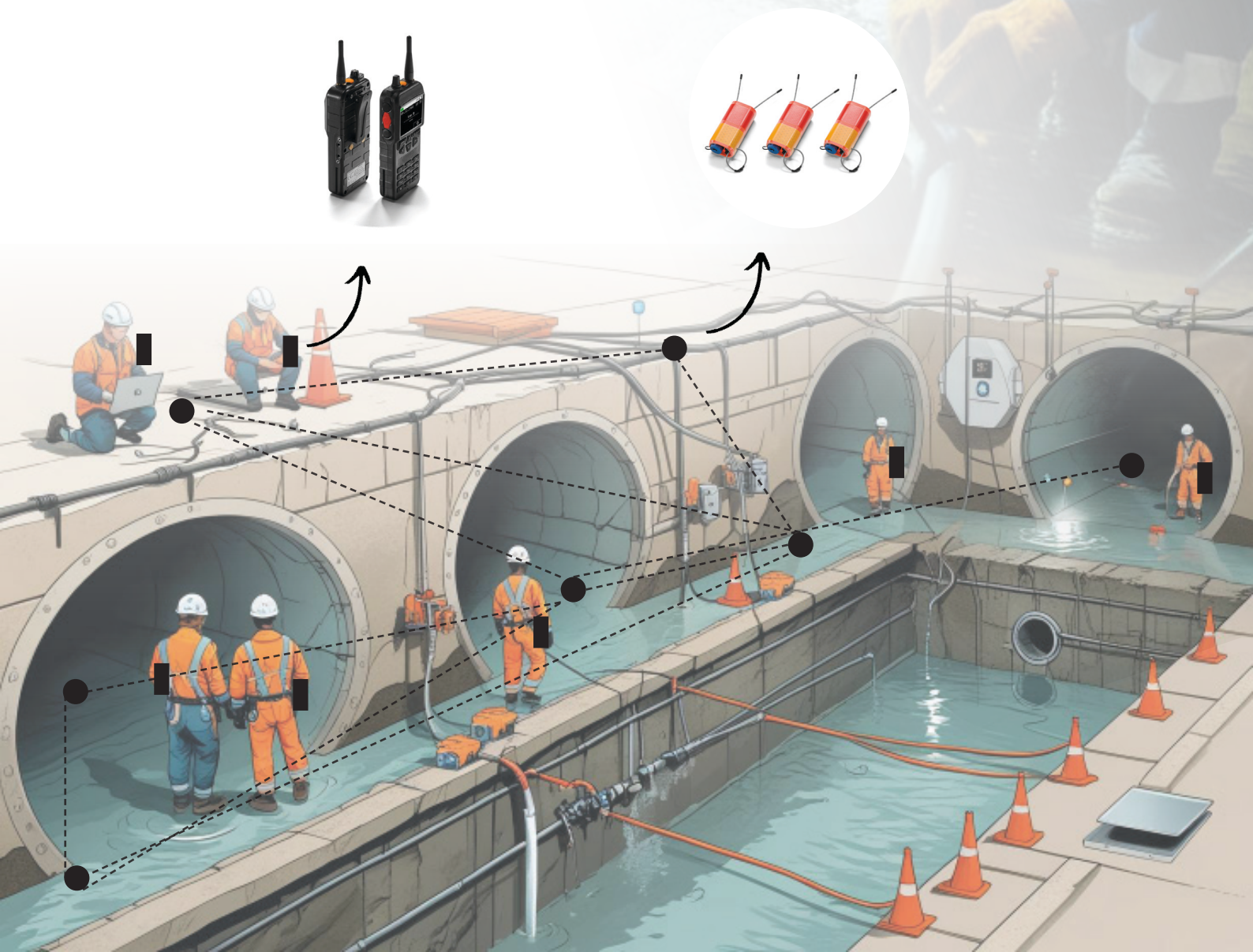» *ATEX*
» *South Africa IS (MASC)*

Planned and unplanned maintenance

In shutdowns, such as sewer maintenance or tunnels for inspection and repair, communication is vital while workers operate in confined and possibly hazardous spaces.

Battery Radio Nodes are deployed along the pipeline or tunnel route, creating a wireless network
without reliance on fixed infrastructure.

mPhones ensure personnel inside the pipe remain in direct contact with operators at the entrance or on the surface.

A robust, self-contained communication network ensures worker safety during confined-space maintenance operations – no cabling required.

Collapsed Mine Rescue

In these highly unpredictable environments, maintaining communication and locating personnel is paramount.

Battery Radio Nodes are deployed quickly through tunnels, shafts, or collapsed structures, forming a resilient wireless network even when individual nodes are damaged or obstructed.
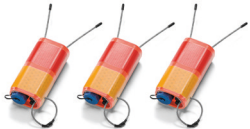
mPhones are used by rescue personnel to maintain clear, encrypted voice communication underground, coordinate extraction, and report survivor locations.

Seamless surface-to-underground comms, even in collapsed or obstructed zones, with real-time oversight and alerting from the command post.

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Battery Radio Nodes are deployed quickly forming a resilient wireless network even when individual nodes are damaged or obstructed.

Fresh Air Base Station is positioned at the surface to act as the mission's command centre – tracking radiotelephones, monitoring node status, and issuing alerts as needed.

Radiotelephones are used by personnel to maintain clear, encrypted voice communication underground, coordinate extraction, and report locations.