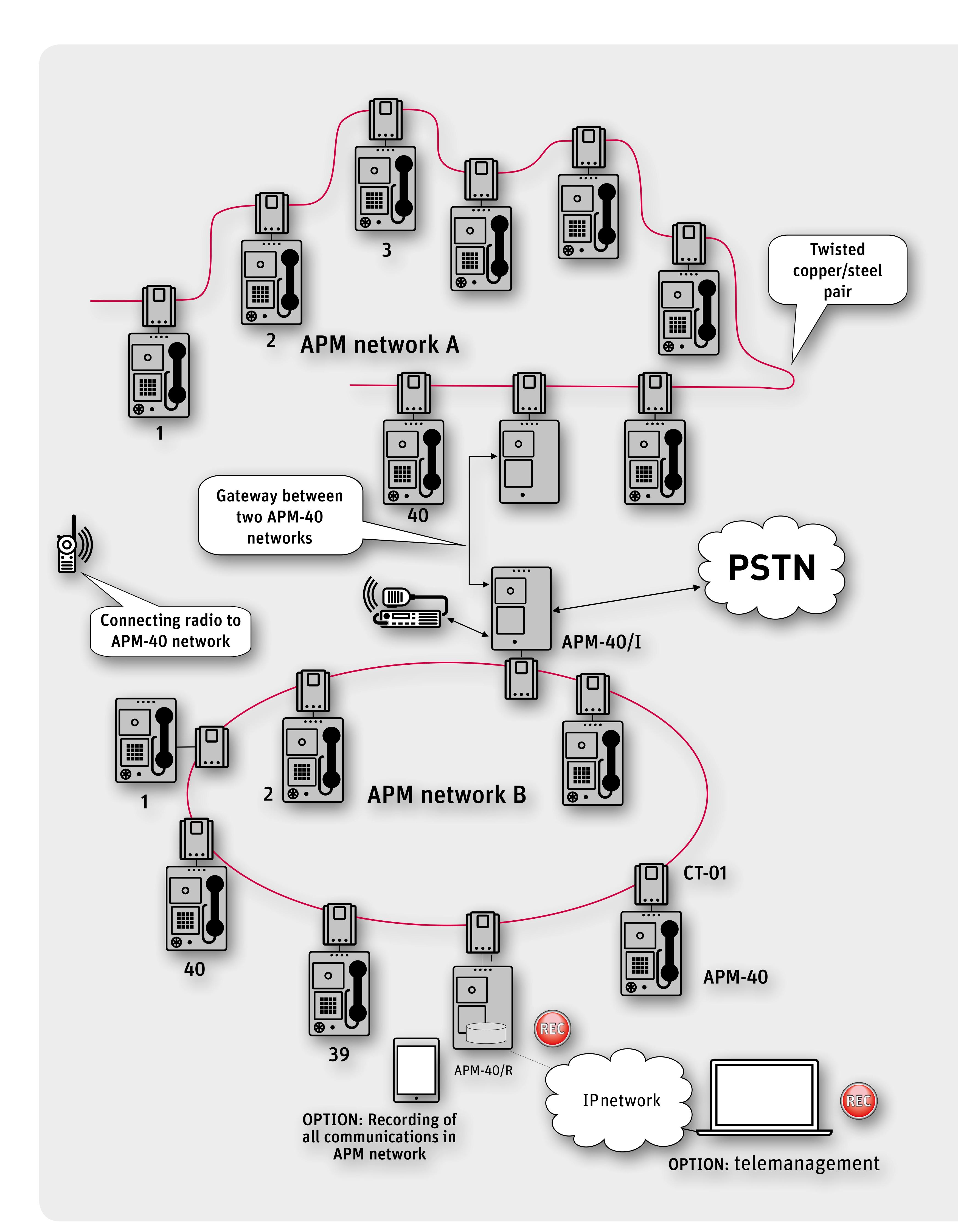


APM-40

Battery/Solar Powered **Emergency Phone** with Integrated MUX and PBX

Alternative voice communication system for emergency and disaster situations



APM-40 is a fast and reliable solution for establishing a comprehensive telephone network in a short time with simple means. All you need is a pair of copper/steel wires and several APM-40 telephone terminals. Each APM-40 terminal represents a simple building block of the network and is strung along the wires beyond 7 kilometres in distance. APM is a fully decentralized system. Each APM-40 telephone terminal has embedded PBX and MUX functionality, which means you can gradually build a network of 2–40 telephones without the need for a centralized unit.



APM-40

In emergency and disaster situations, functioning telecommunication networks are of vital importance. Loss of telecommunications can completely paralyze rescue operations.

APM-40 is an excellent complement to the existing public safety network system. APM-40 allows the rapid deployment of voice communication network in affected areas even when all other infrastructure goes down (telecom, critical response and electrical power).



The role of APM-40 in Public Safety Networks

- ➤ A stationary system over fixed copper wire infrastructure in parallel with the radio/TETRA system **stationary back-up**
- > A stationary system over fixed copper wire infrastructure, complementary to the radio/TETRA system for coverage of specific terrain (including caves, basements, tunnels, valleys, and more...) or for denser coverage
- > A portable system, complementary with the radio/TETRA system for better coverage of affected areas
- ➤ A portable system: a back-up system for the radio/TETRA for coverage when the radio/TETRA fails portable back-up

Main features of APM-40

- > A very simple system consisting of only two elements:
 - >A pair of wires, and
 - The APM-40 terminal (with the CT-01 IDC connection box)
- > The APM-40 is a **flexible system** and can be:
 - >Stationary: built over fixed wire infrastructure, or
 - >Portable: a network can be built anywhere in few hours
- >Inter-connectable with other networks (other APM-40 networks, radio stations, or PSTN network/PBX)
- > Independent of the electrical infrastructure completely autonomous.
- > Provides excellent coverage of all terrain (even caves, basements, tunnels, valleys...) and makes it possible to build up any topology
- > Very easy to use
- > Very reliable and robust system, because it is completely decentralized Each APM-40 terminal has embedded MUX and PBX functionality

