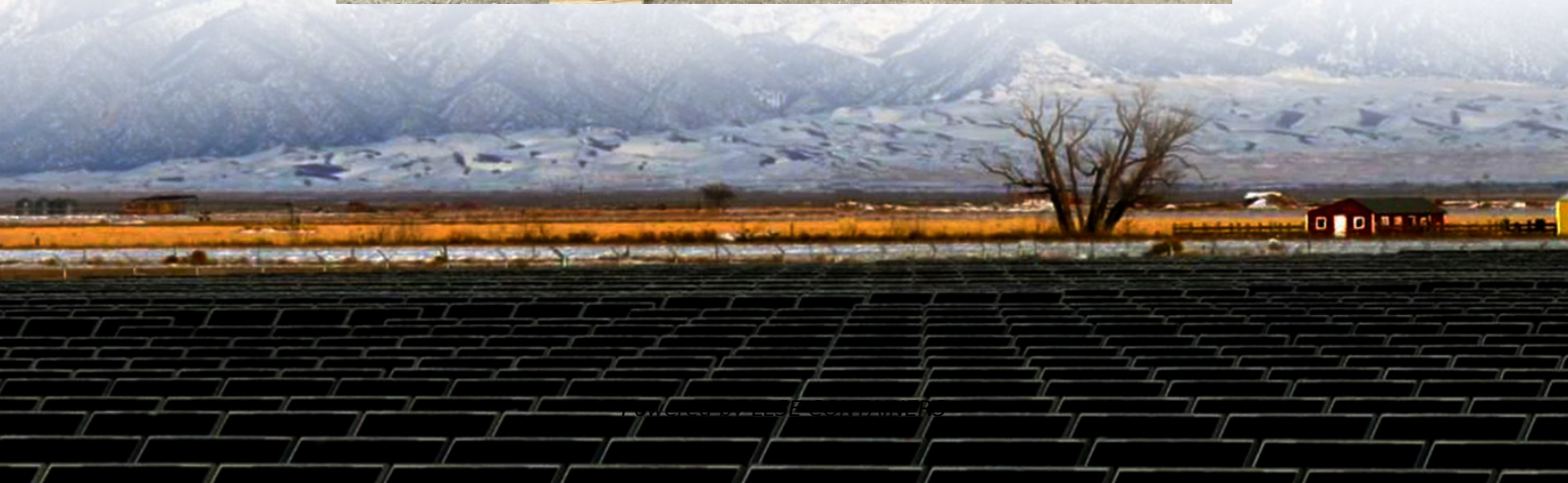**LLSE CONTAINERS**

# Wireless trunking communication system base station

# Overview

What are the two modes in Tetra trunking radio system?

Following are the two modes in TETRA trunking radio system. Trunked Mode Operation (TMO): In TMO, communications are managed centrally through base stations and the network's core infrastructure. It allows for wide-area wireless communication with the support of advanced features like group calls, emergency calls, and priority calls.

What is a trunking system?

Trunking systems allow different organizations to share radio spectrum and infrastructure resources. Previously, closed user groups like railway companies operated their own radio infrastructure, each using a separate set of radio channels.

How do trunked radio systems manage channels?

In trunked radio systems, the channel selection is performed for each call, considering the actual traffic intensity. This allows for more efficient use of the spectrum by sharing radio channels, unlike traditional mobile networks for closed user groups that all used different radio channels.

Why is trunking important for a two-way radio system?

For two-way radio systems with many users in the same general region, licensing in the old way was no longer adequate. It became necessary to devise better techniques of utilizing those parts of the band, in order to allow for more efficient use of it by many operators. And this was the need that trunking was devised to address.

# Wireless trunking communication system base station



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## Trunking Networks

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