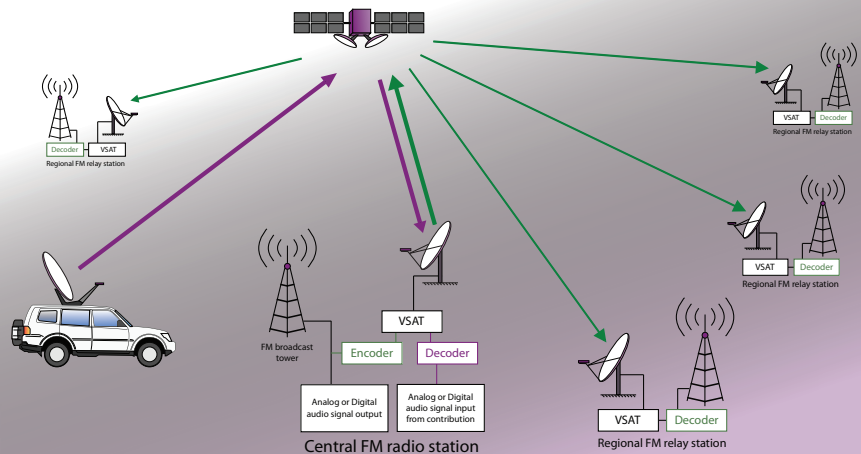


## Radio-Station Long Range Distribution

The Servicesat Radio-Station Long-Range-Distribution Solution is designed for radio stations that want to expand their coverage to a national or even international level.

Content produced and broadcast from a central radio station is encoded and multicast, over satellite, to multiple remote stations for local re-broadcast. A limited range "local" radio station can become a national or international station using tested, reliable and economical satellite telecommunication services.



- **Reliable**  
Properly designed satellite communications links can offer up to 99.98% reliability. Potential outages are short and easy to rectify.
- **Economical**  
The satellite medium is by its nature a broadcast solution. The same programming is transmitted (uplinked) only once and is **SIMULTANEOUSLY** received, at the same cost, by one or one thousand receiving stations!
- **Secure**  
If necessary the content can be encrypted using the highest civilian rate encryption techniques so content is safeguarded from being received by un-authorized receivers.
- **Easy to install/relocate**  
Unlike terrestrial means of communication satellite terminals are easy to install and relocate. Our 1 or 2m antennas (depending on region) can be installed in **ONE day!** If a station wants to move premises the satellite system can be moved in a single day. Alternatively a temporary satellite system can be installed in the new location for seamless, zero down time transition.
- **High audio quality**  
A variety of encoded transmission data rates can be selected to provide the best quality/cost trade off for each application.
- **Unmanned operation**  
Satellite terminals do not require any operating personnel. Once installed they are remotely monitored and controlled from a central location.
- **Mobility is possible**  
Our vehicle mount satellite terminals can be employed to bring in remote programming contributions from anywhere in the satellite coverage area.