



# Satellite GSM Backhaul Systems

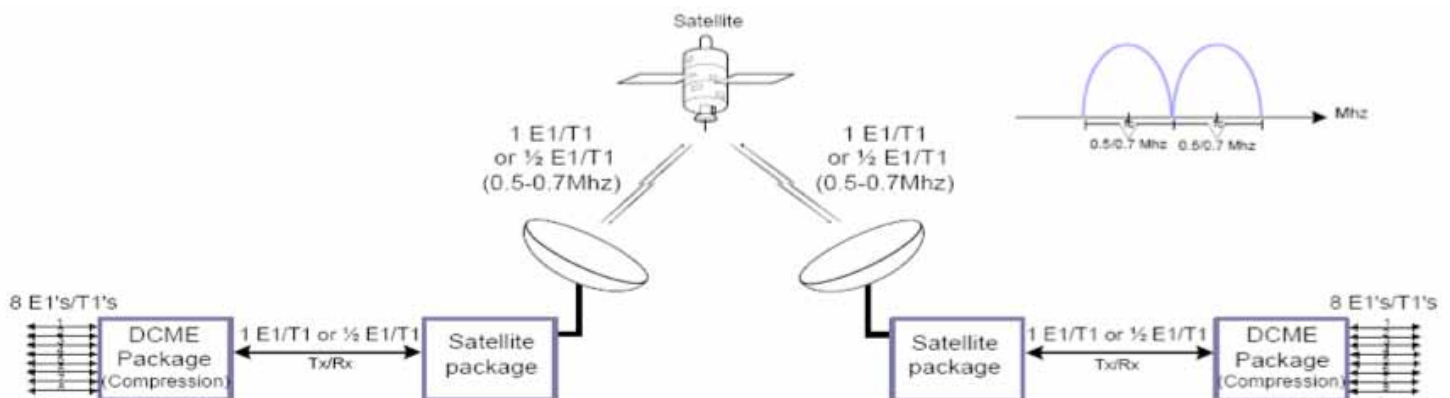


- Multiple E1/T1 — Design and Integration
- Advanced Compression — Drastically Reduces Satellite Segment Usage
- Connect Anywhere to Anywhere!
- Excellent Value — High Quality System at Affordable Price
- Rapid Return On Investment
- Quick Delivery Options Available
- Maintenance and Disaster Recovery Designs Available
- Reliable — Systems are 100% Tested

# The Complete E1/T1 satellite package Compress and Link!

ATCi introduces a complete pre-tested system for compression and satellite link of up to 8 E1s or T1s.

This is a truly the whole package for your cell E1/T1 back haul needs. The package includes DCME equipment that can compress up to 8 E1s/T1s into one E1/T1 or even  $\frac{1}{2}$  E1/T1, reducing your satellite segment usage down to 0.70 MHz per 8 E1s or 0.50 MHz per 8T1s! The satellite package will link your compressed E1/T1s to your remote sites with High reliability and superb toll quality voice.



## DCME System

Our turnkey DCME solution has an 8 E1/T1 capacity (240 total voice channels). Using 8-to-1 compression, these 240 voice channels can fit over a single E1/T1. Using 16-to-1 compression, these 240 voice channels can fit over  $\frac{1}{2}$  E1/T1! These compression rates allow you to drastically reduce your satellite segment usage. Advanced features like dynamic jitter buffers, adaptive echo cancellation, silence suppression, lost packet recovery, and low latency make our DCME solution perfect for satellite applications.

- 1) 8T1/E1 (240 voice channel) capacity
- 2) Award winning voice quality
- 3) 8-to-1 & 16-to-1 compression rates
- 4) Carrier-class, NEBS-3 compliant
- 5) All common logic, power supplies, and fans are redundant and hot-swappable.
- 6) Includes user-friendly GUI
- 7) All cabling included
- 8) Pre-configuration & pre-testing included
- 9) 100-250 VAC working voltage

## RF System

Satellite system is capable of handling the 8 compressed E1s/T1s. It includes antenna and all necessary electronics for your satellite link. It's a truly turnkey solution!

- 1) 2.4m-based fixed system
- 2) C or Ku band
- 3) Redundant RF system
- 4) Relatively quick delivery and installation
- 5) All integration material included (cabling, waveguide, connectors, etc...)
- 6) 90-260 VAC working voltage
- 7) All components pre-tested for best reliability at customer's site
- 8) Variations of this system available