

Cell Extender MPT1327 Trunked Radio Repeater System



High infrastructure costs holding you back from extending your MPT1327 Network??? Do it with *Cell Extender*: the Low Cost Alternative!

Cell Extender is a fully MPT1327 transparent radio repeater system, which basically mirrors an existing MPT1327 site ('Donor' site) onto a new set of MPT channel frequencies, linking back to a main Network site (the 'Donor' site) via low cost RF links that use the same channel frequencies as that of the Donor site.

A Cell Extender system comprises a 'System Manager' module (for the overall System control), and one or more 'Channel Managers', which operate at individual channel level. Each Channel Manager controls two standard conventional base radios, one to provide an RF link back to a Donor site, the second radio to provide the new local radio coverage. The number of Cell Site ('output') channels can be chosen independently of the number of Traffic channels used at the Donor site, thus allowing the new Cell site to be 'tailored' to suit local traffic demand.

Easily installed, and not requiring any changes to the Parent system, nor requiring any additional and expensive microwave linking, Cell Extender is the perfect low cost solution for seamless coverage extension of MPT1327 networks - radio users will not know or notice that they are actually using a Cell Extender site.

Cell Extender is also the perfect tool to extend an existing Single Site system with Area Wide coverage, without the major investments required for alternative options. Finally, Cell Extender is also the clear choice when the System Infrastructure does not allow further expansion without major new investments or complications.

Key Features

- **Readily added on to any existing MPT1327 network**
- **Used by numerous MPT1327 network operators world wide**
- **The perfect tool to extend an existing Single Site system with full Area Wide coverage**
- **Fully transparent, seamless operation**
- **No need for expensive microwave links**
- **Number of Cell site (output) channels selectable between 1 and 8**
- **Easily installed, easily maintained (Remote Site Monitoring packages available separately)**



Radio Systems Technologies

Voice: +613 5978 8011

E-mail: radiosys@satlink.com.au

Web: www.rstradio.com