

Mega_Link Application Note AN28

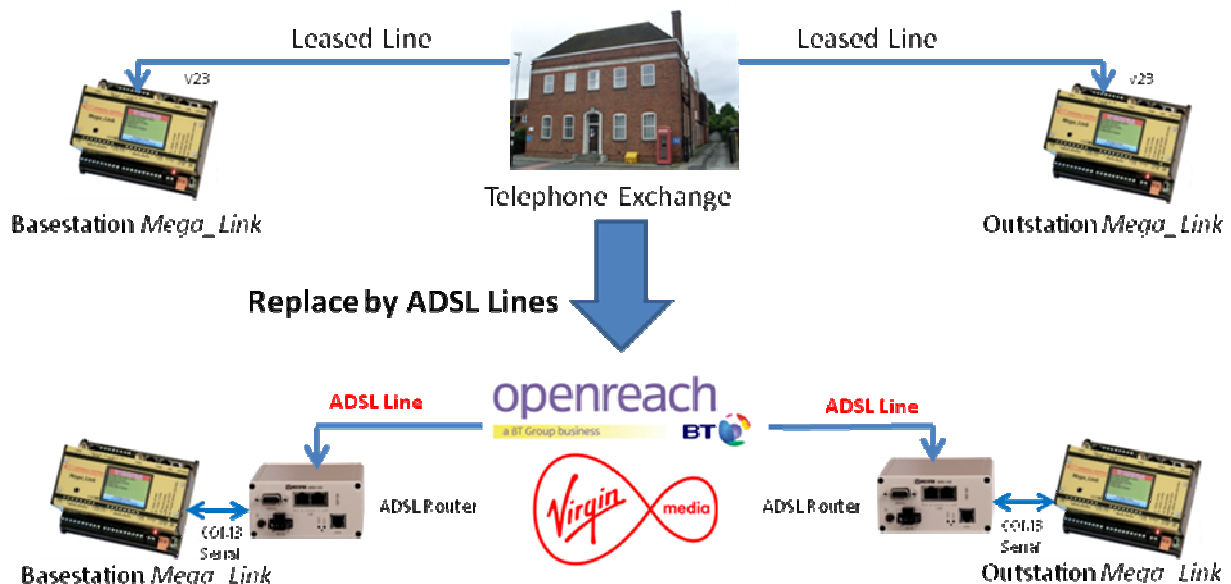
Problem: Leased line replacement

Solution: Convert to use ADSL lines or similar

Summary

BT and other providers are ceasing operation of traditional analogue leased lines during 2020 and this leaves operators of leased line based telemetry systems with a problem. One solution is to convert to ADSL line instead.

A leased line **Mega_Link** uses a V23 modem installed in it's COM1 communications channel but it is easy to re-configure to use the COM3 serial port as the main communications port via a 3rd party ADSL router and ADSL lines provided by a service provider.



Notes:

1. Simple plug-in to COM3 using RS232 or RS485 on existing *Mega_Link* units.
2. Minimal re-configuration required.
3. Not suitable if COM3 is already in use for fieldbus communications to PLC/SCADA.
4. Customer and/or internet service provider to supply and configure the ADSL Modems.
5. Will require 3rd party ADSL modem, on-going ADSL line rental and small data charges.