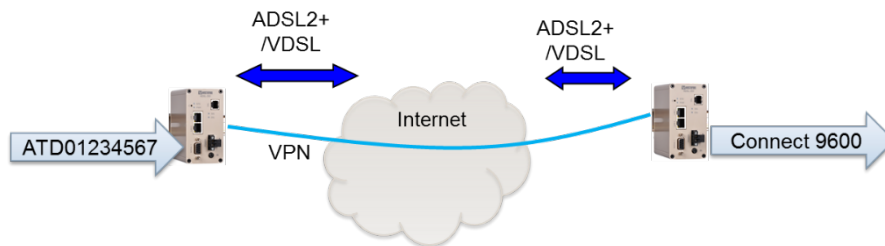# IIoT alternative to Analogue Dial up modems

Secure broadband IIoT connectivity

- 10000+ times the bandwidth of an analogue dialup line
- Simple migration path from serial ATD dialup to ADT over IP
- Secure communications over the internet

The telecoms providers worldwide are changing the core networks from dedicated telecoms systems to voice over IP. The new voice over IP system is not adapted for carrying modem signals and there can be issues with modems not making connections or taking making a connection. This is presenting the industrial users of modems with a problem. The alternative to the legacy dialup modem is to use broadband connectivity such as ADSL or VDSL2 connected to the internet in the same way we connect our homes to the internet. The BRD-355 from Westermo is an industrial equivalent of the domestic broadband router. However, the BRD-355 has been designed to cope with harsh environments found in many industrial applications. Having a robust piece of hardware is only part of the story we still need to be able to pass data between sites in a secure and reliable way. VPN (Virtual Private Network) technology provides a 21st century IIoT equivalent to the traditional telephone line but offering 10000 times the bandwidth, more flexibility and encryption of data. A built in serial port on the BRD-355 emulates the AT Command interface of a modem. The AT command interface converts the old telephone number into an IP address, which connects via the VPN to the receiving router.

For more information visit http://www.westermo.com

Industrial ADSL/VDSL Router/Modem
BRD-355

- A wide-variety of solutions to common communication issues
- IIoT remote access using the Internet
- Designed for industrial applications
- Secured resilient and reliable internet access