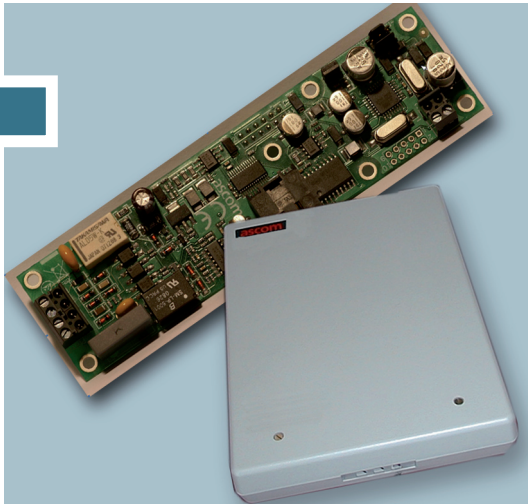


[PRODUCT SHEET]

Product: DialConvert Module

Platform: ipTNA and Euro-ipTNA

Segment: PublicSafety



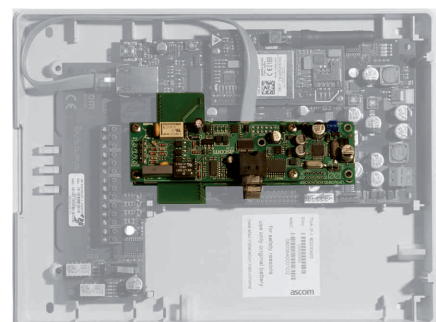
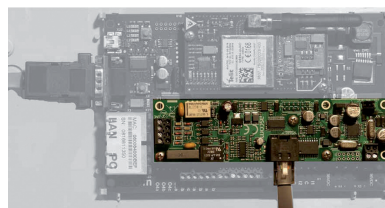
ASCOM DIALCONVERT MODULE LINKING CONTROL PANEL PSTN DIALER OVER IP BASED NETWORKS TO ALARM MONITORING INFRASTRUCTURES

BY SIMULATING ANALOG TELEPHONE SIGNALING, THE ASCOM DIALCONVERT MODULE ENABLES CONNECTION OF CONVENTIONAL CONTROL PANELS WITH PSTN DIALERS TO IP TECHNOLOGY BASED COMMUNICATION INFRASTRUCTURES.

The dial-to-IP gateway unit simply and efficiently re-routes data transfers via the Internet or private IP networks, eliminating the need of dial up telephone lines while bringing valued functionality and benefits to the data transmission process.

The AscCom DialConvert Module is a **PSTN Dial-to-IP network conversion device for enabling IP communications**. It is specifically designed for easy adaptation of existing control panels through IP aligned communication technologies to existing Alarm Receiving Centre infrastructures. The DialConvert Module replaces analog telephone networks while allowing currently installed alarm systems to remain intact and continue to operate without demanding upgrade investment. Several major Telecom Operators have already started to migrate from traditional PSTN technology backbone structures to IP based networks such as the BT 21CN Migration project.

The DialConvert module is suitable for all **Euro-ipTNA, ipTNA and INFRANET TNA** alarm transmission devices and offers the fail-safe security of alternative communication transmission paths extended from Ethernet and GPRS.

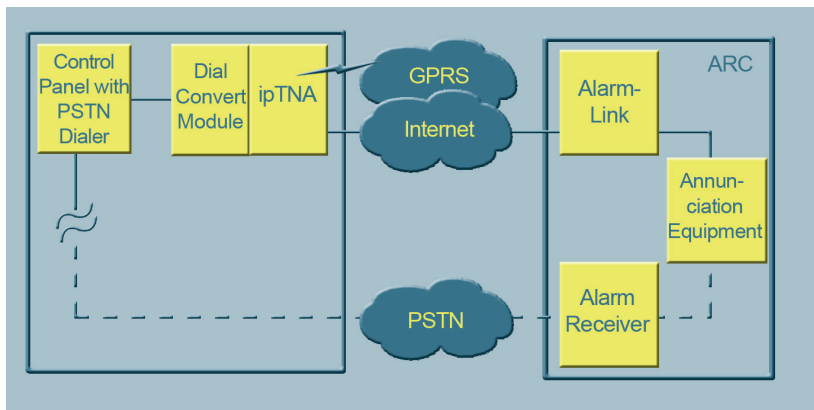


Examples of installations in Euro-ipTNA (see above) and ipTNA (see right).

[DialConvert Module]

Reliability is further enhanced as the module internally provides **permanent monitoring of the communication pathways**. There is also the option of retaining an analog telephone line that facilitates remote maintenance as well as being an additional communication link for alarm messages. It could also serve as back up to dial out should the internet connection go down.

The Module flexibility allows alarm messaging to be processed in Contact ID or Basic 4/2 DTMF format, with forwarding executed in SurGard MLR2 format to the remote monitoring centre via AlarmLink or INFRANET. The unit integrates encryption algorithms; and another imbedded security protocol defines checks for identity, authenticity and data integrity.



System overview with Dial-to-IP-Gateway