



- ▶ L1/A is an Analog dPABX over narrowband. The Extension number of each telephone station is set by rotary dials in VN100.
- ▶ The station set in Room 61 is an ET that has VN100's dPABX functions built-in.
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  - ▶ To call Room 61, dial "#61".
  - ▶ To call Room 82, dial "#82".
  - ▶ These verify physical connectivity between two parties.
- ▶ L2/D is a Digital dPABX over Broadband utilizing ATA as the A/D converter. Its station ID is assigned by the host ABR whose basic IP address is controlled by rotary dials that are set by user.
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  - ▶ To call Room 61, dial "192\*168\*1\*61#".
  - ▶ To call Room 82, dial "192\*168\*2\*82#".
  - ▶ These verify network connectivity between two nodes.
- ▶ Housing all these in the enclosure of a POTS, we have a PETS providing communications services over both narrow- and broad- bands with intuitive network diagnostics capabilities without any reliance on a PC.
- ▶ To enjoy mixed applications or to verify throughput capabilities of AvintaNET, EUTs (Laptop PCs, DVD Player, Television, etc.) are then plugged into ABR where and when desired.
- ▶ The last step isolates the most confusing and frustrating aspects of having a PC or such around a premises, especially if it is part of network access devices.
- ▶ This completes a system integration process between narrowband and Broadband that is called TCI (Telephony Computer Integration).
- ▶ Note that in a room without the need for voice communication, ABR alone will be sufficient to provide Broadband services. PETS will then be substituted in to facilitate the diagnostics, when needed.