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## THI-101 & Value Engineering at its Finest

Symetrix offers a full line of teleconferencing DSP hardware. During the initial stages of designing a teleconferencing system, the term “value engineering” may enter the picture. When it does, look no further than the Symetrix THI-101.

The THI-101 is compatible with any phone that contains a headset connection via the onboard RJ-11 connector. It also contains a Euroblock input and output connector that provide easy integration of a SymNet DSP with either a POTS (plain old telephone service) or VOIP phone.

Symetrix currently offers a 2 Line Analog Telephone Interface card, which can be installed into both the SymNet Radius AEC and EDGE digital signal processors, interfacing the SymNet system with an analog POTS line for teleconferencing applications. At the time this tech tip, there is currently not a VOIP card option shipping for the SymNet platform.

The THI-101 offers many advantages when used to interface a POTS or VOIP phone system with a SymNet DSP :

- The THI-101 is value engineered to provide teleconferencing with SymNet at an extremely attractive price point.
- The end user will already know how to use the existing phone options and controls, so little to no training will be required for employees to utilize the teleconferencing system.
- Because the existing phone system is used for all telephony controls, no 3rd party control system (Crestron, AMX) is needed, potentially saving the customer thousands of dollars associated with 3rd party hardware, integration, and programming costs.
- Integration of the THI-101 with the existing phone system is fast and simple, reducing labor costs that would be passed down to the end user.
- Integration with a preexisting VOIP system using the THI-101 will avoid the need to configure various PBX's (Cisco, Avaya, Asterisk) and eliminate line registration issues.

- The THI-101 eliminates the need for a “VOIP to analog” conversion in order to interface a VOIP system with the SymNet 2 Line Analog Telephone Interface card.
- The aesthetic of using an existing telephone may be preferred by the end user.

