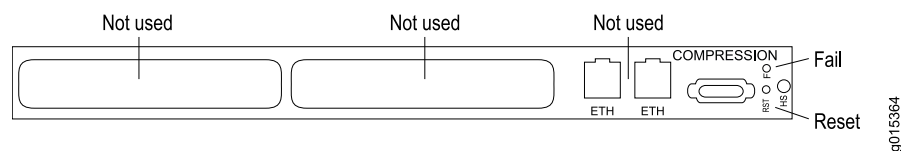# CTP2000 Compression Interface Module

The CTP2000 Series compression interface module enables serial data and voice bundles to be compressed and passed through a CTP2000 platform. (See Figure 1.)

Voice bundles originating from the CTP2000 IM-8P-T1/E1, analog CTP2000 IM-4WE&M, IM-2WFXS, and IM-2WFXO modules use the CTP2000 compression module to compress the voice bundle. Voice bundles ranging from 1–24 channels on a T1 module, 1–30 channels on an E1 module, and 1–8 channels on a 4WE&M module can be bundled and connected through the compression module to compress the voice bundle and build the IP packet.

Figure 1: Compression Interface Module

The compression module supports these compression algorithms:

■ MELP (2.4k)

■ G.729AB (8k)

■ G.728 (16k)

■ G.726 (16k)

■ G.726 (32k)

■ PMC (64k)

The module supports Mu-Law and A-Law companding, echo cancellation, silence suppression, fax/modem detection, and tone relay. You can configure the compression options when configuring the voice bundle.

Related Topics
■ CTP2000 Series Serial Interface Modules

■ CTP2000 Series T1/E1 Interface Module

■ CTP2000 4W&EM Interface ModuleCTP2000 4W&EM Interface Module

■ CTP2000 2W-FXS and 2W-FXO Interface Modules

■ CTP2000 8P-IRIG Interface Module