

Call Progress Monitoring and Generation Software (CPTD Software)

Floreat's Call Progress Tone Detection (CPTD) software implements E.180/Q.35 and E.182 ITU recommendations for full call progress tones detection and generation and operates on PCM samples. The CP software detects presence of any call progress tones, as well as other single, dual, and amplitude modulated tones, under various network conditions. Floreat CP software supports dial tone, ring back tone, busy tone, off-hook, reorder, congestion and other user specified tones for more than 25 countries.

The Floreat Call Progress telephony signaling software is modular, re-locatable and re-entrant to support multi-channel capability and can operate within a multi-tasking environment or as a single task.

It supports user callable functions and can be integrated with Floreat's other fax, telephony, speech compression, VoIP, FoIP, DSVD, imaging and video software for various applications. Floreat CP software is supported on various DSPs and processors as well as offered in ANSI C.

Features:

- Conforms to E.180/Q.35 and E.182 ITU recommendations
- Supports most countries in the world
- Supports all the essential tones and option to add more on request
- Supports user callable functions
- Easily portable, re-entrant and re-locatable code
- C callable APIs

Floreat supports its software on the following DSPs, Controllers and Processors

- TI C5000 and C6000
- Intel Pentium fixed and floating point and XScale
- ADI Blackfin (BF53x), SHARC 21xxx
- ARM 7/9/9E, MIPS
- PowerPC, STM, SuperH cores, Philips Nexperia
- CEVA (formerly DSPG's licensing division)
- Ported by customers to their processors:
 - NEC
 - STM
 - Zilog

- ▶ For further information on the standard, please click [ITU Standards](#).
- ▶ For our brief profile, please click [Company Profile](#).
- ▶ For further inquiry, please send us an [Inquiry Form](#) or send an email to info@floreatinc.com.