

## Caller Identification Software (C-ID Software)

Floreat's Caller-ID software detection method implements ITU-T and Bell Core recommendations. Caller ID is a method of transmitting the telephone number and/or name of the caller to the subscriber via a burst of V.23 or Bell 202 data during the ringing phase of a telephone call. Floreat Type-I Caller-ID software (on-hook Caller-ID) provides the calling party information while the call is ringing, and Type-II Caller-ID software (off-hook Caller-ID) provides the additional convenience of calling number display while the recipient is on another call. Floreat Caller-ID software supports V.23 detection for Europe, Bell 202 for North America as well as DTMF detection.

The Floreat Caller-ID 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 Caller-ID software is supported on various DSPs and processors as well as offered in ANSI C.

### Features:

- Conforms to Bell Core, ETSI and ITU recommendations
- Supports most countries in the world
- 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](mailto:info@floreatinc.com).