

FloFax V.34 Fax SoftModem (V.34 Fax Modem Software)

Floreat's V.34 software fax modem implements a half-duplex mode of operation of the ITU-T V.34 recommendation. FloFax V.34 Fax Software supports data rates of 33.6 Kbps down to 2.4 Kbps in steps of 2.4 Kbps; this is a popular fax modem for transfers of color images. The V34 fax modem software has adaptive bandwidth and carrier frequencies as compared to the low speeds fax modem software. The V.34 fax modem software includes Trellis coding and shell mapping and on the impaired channels this makes V34 fax modem more robust. The V.34 fax SoftModem can be combined with other fall back fax modems V.17, V.29, V.27ter and V.21ch.2 to support the lower speeds.

The FloFax fax modem software is modular, re-locatable and reentrant to support multi-channel capability. The FloFax V34 Fax SoftModem can operate within a multi-tasking environment or as a single task. The V.34 Super G3 fax modem software is supported on various DSPs and processors as well as offered in fixed and floating point C.

Floreat's V.34 Fax modem Software support most of the commercial analog front ends (AFE) as well as various discrete DAAs with codecs, depending upon the application. The modem software also supports the digital environment such as T1/ E1 interfaces.

FloFax V.34 fax software can be controlled with Floreat's T.30E color fax protocol.

The V.34 Fax Modem software can be integrated with Floreat's other data modem, telephony, speech compression, FoIP, VoIP, DSVD, imaging and video software for various applications.

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.