

# Electronic News Online

Friday, May 26, 2000

---

## Infineon Technologies licenses modem solution from Encore Software

---

May 26, 2000 --- Munich-based semiconductor manufacturer, Infineon Technologies AG, has licensed carrier-class fax modem technology from Bangalore-based design house, Encore Software Limited. The deal reflects a growing trend among semiconductor companies to turn to Indian software design houses for algorithms for their silicon, Electronic Business Asia, an E-inSITE affiliate, reports.

According to Vinay Deshpande, chairman and CEO of Encore, his company will offer the fax modem application in source, to run in assembly language on Infineon's Carmel DSP core. The 16-bit, fixed point Carmel DSP core is targeted at communications and consumer applications.

"We have licensed our fax/data pump, fax relay, and fax-over-IP to Infineon," added Deshpande. "The software will be embedded, along with additional logic and memory, in system-on-a-chip solutions based on the Carmel core."

The fax modem supports multiple channels, and is targeted at public switched telephone network (PSTN) carriers. Encore has also licensed to Infineon the software layer that enables the deployment of these fax modems for fax-over-IP applications. According to Deshpande, the technology has already been field tested for over a year since Encore had earlier licensed it to undisclosed customers in Japan, who implemented the technology on DSPs from Texas Instruments Inc.