

Third Party Network Adds a New Face

Neven Vision, Inc., (Santa Monica, Calif.; www.nevenvision.com), a maker of facial recognition, tracking, and detection software for the TMS320C5000 and C6000 DSP platforms, has joined Texas Instruments' Third Party Network. Compact enough for portable use, Neven Vision's software helps OEMs realize a number of innovative machine vision applications, including wireless video messaging service that tracks changing expressions and overlays them with special effects, as well as more conventional facial recognition applications.

TI to Surf for VoIP and MoP Technologies

Surf Communication Solutions, Ltd. (Yokne'am, Israel; www.surf-com.com) has signed an agreement with Texas Instruments, Inc. (Dallas, Texas; www.ti.com) to market VoIP and MoP (media-over-packet) conversion products for remote access server, interworking function, and universal port applications, among others. As part of the deal, Surf will use TI's TMS320C64x DSP generation and VoIP software components, and TI will promote Surf's C64x DSP-based products



Instruments' OMAP 1 and OMAP 2 platforms. Program members are allowed to distribute their own Virtio platform to customers that lack a platform of their own so that they can test drive the member's software. In addition, for a fee, Virtio will include any member's software as an option for customers purchasing the standard Virtio platform.

Catalytic Picks HQ with Room to Grow

As part of its plan for rapid expansion, Catalytic Inc. (Palo Alto, Calif.; www.catalyticinc.com), which makes DSP design automation software, moved its corporate headquarters



into a 10,000-ft² space, four times the area of its previous home. The move anticipated the company's recent launch of its first product, Fixed-Point DSP Studio (see pp. 18 and 29).

X-Digital Systems Joins the Party

X-Digital Systems Inc. (San Diego, Calif.; www.xdigital.com), a broadcast transmission systems technology and licensing company, has joined Texas Instruments' Third



Party Network. In addition to recently introducing its Flikt IP set-top box, the company is developing an IP media controller for a digital video broadcast (DVB) product scheduled to be deployed in Japan.

Program Frees Software Developers from Hardware Chains



Virtio (Campbell, Calif., www.virtio.com), a supplier of virtual embedded-software development platforms, has raised the curtain on its VirtioVantage program, which gives software developers the pre- and post-silicon models, integration, and support to dispense with the hardware boards typically needed to start writing software. The program initially targets software developers who use Texas

As part of its plan for rapid expansion, Catalytic Inc. (Palo Alto, Calif.; www.catalyticinc.com), which makes DSP design automation software, moved its corporate headquarters

ATEME Video Decoders Picked for IP Set-Top Box



Video software decoders from ATEME SA (Bièvres, France; www.ateme.com) that process H.264/AVC and Microsoft Windows Media 9 Series data streams have been tapped by Kreatel Communications AB (Linköping, Sweden; www.kreatel.com) for use in its IP-STB 1700, an MPEG-2 IP set-top box platform. ATEME's software is optimized for the TMS320DM642 video/imaging fixed-point digital signal processor; the same processor that's used in the platform. Running on one 600-MHz DSP, the decoders process a full D-I stream in real time, yielding DVD quality at data rates of 1.2 Mb/s. Meanwhile, ATEME has opened a subsidiary, ATEME Canada, Inc., in Montreal to bolster support of customers in North America and develop new ones.