Voice Technologies Group Creates Adaptable, Netlist Controls

Xilinx has played a major role in VTG's product development since the inception of the company over ten years ago.

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Voice Technologies Group is the leader in PBX integration technology and Xilinx has been the implementation tool of choice in our product designs. Our product architecture is based on adaptable technology that allows us to conform to the ever-changing horizon of the computer telephony industry. Xilinx provides the silicon that enables us to move quickly into the market and make changes to meet the needs of our customers.

Xilinx has enabled VTG to develop adaptable, cost effective solutions. VTG's Solar project is a good example because it was our first high-volume desktop product. The OEM we were dealing with wanted an ASIC solution for cost reasons. Xilinx worked closely with VTG and we were able to hit the OEM's cost target with the Xilinx XC5210 FPGA. This allowed VTG to provide a cost-effective 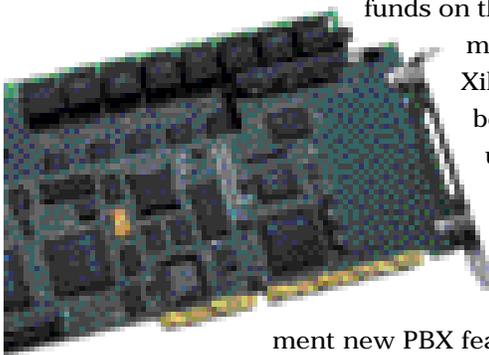solution without having to spend large amounts of ASIC NRE funds on the development. Having Xilinx "on board" saved us in the later stages when VTG was able to implement new PBX features with a simple software update rather than hardware changes to the board. This type of flexibility and price competitiveness has made VTG a staunch Xilinx user.

In another product development effort, VoiceBridge 2000, VTG was able to again use Xilinx to develop a better, cost-effective solution. The predecessor to this product, VoiceBridge-PC, had ten XC3042s, an XC3064, and an ISA interface consisting of numerous discrete logic parts and CPLDs. Use of the Xilinx XC5210s and XC9500 CPLDs allowed us to increase the board's capabilities while reducing overall cost and board space.

Xilinx has enabled VTG to build superior products with minimal development time to capitalize on market opportunities. The industry awards and recognition achieved by VTG products are in no small way attributed to the superior and cost-effective technology of Xilinx.

Our intellectual property runs on Xilinx and will continue to do so into the next millennium, based on the new Spartan series and beyond. VTG must stay ahead of its competitors on the road to voice and data network convergence. We plan to continue to use Xilinx as a key technology to enable VTG to play a central role in this convergence.

Since its inception in 1989, Voice Technologies Group has maintained and continues to generate record growth in both the OEM and end-user CTI markets. VTG is recognized as a leader in the telecommunications industry, using its expertise in computer and telephony integration to design, manufacture, and market high-performance, leading-edge products, including intelligent digital PBX integration server products and desktop packages. For more information on VTG, see: www.vtg.com.∑

11