



# THE 1997 RSA DATA SECURITY CONFERENCE

## SPEAKER BIOGRAPHY

### PRODUCT DEMO II

Single Chip Security Solutions

Speaker: **David Auer**

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### Company Background:

VLSI Technology, Inc. (VLSI) is a leading supplier of complex application-specific integrated circuits (ASICs), Application-specific standard products (ASSPs) and design software tools developed by its subsidiary, COMPASS Design Automation, Inc. VLSI applies its value-added technology to deliver products targeted at specific segments of the electronic marketplace. These include applications in computing, communications, and digital entertainment.

### Presentation Overview:

Data securities solutions implemented in a single integrated circuit offer the systems designer several advantages including: lower cost, higher performance, tighter security, and lower power dissipation. VLSI will present commercial data encryption processor architectures which include RSA key management and DES based encryption all controlled by an on chip microprocessor and on chip cryptographic firmware. Features to be discussed include throughput, and hardware interfaces. In summary, VLSI will talk about commercial applications which are enabled by using an integrated single chip security solution.

### Speaker Background:

David Auer is product line manager for VLSI Technology, Inc.'s Secure Products business unit. Mr. Auer has been with VLSI for 9+ years working in ASIC marketing, Government encryption products, embedded RISC processing and commercial encryption products. Mr. Auer has a BSEE from University of Arizona and an MBA from Arizona State University.

**PRESENTATION**