



# THE 1997 RSA DATA SECURITY CONFERENCE

## SPEAKER BIOGRAPHY

### STANDARDS TRACK

X.509 v3 Revisited

Speaker: **Warwick Ford**

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**Company Background:** VeriSign, Inc. the leading provider of digital authentication products and services, provides its consumers with the confidence necessary to conduct electronic commerce, secure communications and corporate data access worldwide. VeriSign's Digital IDs play a key role in ensuring the privacy and authentication of electronic transactions and communications. VeriSign was founded in 1995 as a spin-off of RSA Data Security. The company is working with its investors including Ameritech and Visa International, and partners such as IBM, Netscape, Open Market, and Apple, to open the digital market place to all consumers.

### Presentation Overview:

An overview of the X.509 Version 3 certificate extensions which constituted a major updating of the world's dominant standard for public-key infrastructures. The presentation will also discuss what has been learned and newly proposed in this area since the June 1996 completion of the revised standard.

### Speaker Background:

Warwick Ford is Director of Advanced Technology at VeriSign. Previously he was with the Entrust group in Nortel, where he led the initial architecture design for the Entrust product family. In the ISO/IEC/ITU and ANSI standards forums, Dr. Ford led the development of the X.509 Version 3 certificate standard. He is also Co-Chair of the IETF public-key infrastructure (PKIX) working group. He is author of the 1994 Prentice Hall book Computer Communications Security: Principles, Standard Protocols, and Techniques and co-author of the forthcoming book Secure Electronic Commerce.

**PRESENTATION**