

Biometrics – Understanding the Architecture, API's, Encryption and Authentication Security for Integration into Existing Systems & Applications

Speaker

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PRESENTATION

This session will explain how to implement and build biometric technology to augment current security systems while explaining specific issues. We will investigate the major biometric technologies, where they fit and the questions you should ask when looking at these products.

Learn how to approach biometric authentication including:

- Seamlessly developing biometrics to enhance your existing security
 - Template storage and management issues
 - Security and integrity of biometric data from source to output
 - Biometrics and integrating PKI/PKCS/X509 standards
- Developing a common methodology for software developers looking to integrate biometrics into their applications.
 - End user education
 - Client/Server programming issues to consider
 - User enrollment problems and solutions
- Developing API's (Application Programming Interface) to implement a secure system.
 - How to use and which is best for you
 - Exploring template compatibility
 - API's and implementing a secure system

William Saito co-founded I/O Software, Inc. in 1991. Prior to that, he worked with several companies to develop custom software applications. He received a B.S. in biochemistry from UCR in 1992, and is able to speak, read, and write Japanese fluently. Beyond his corporate accomplishments, William has been very active in the local community. He serves on the Boards for the University of California at Riverside, San Francisco State University – School of Business, and the Riverside Arts Foundation. He is also the recipient of the 1998 Entrepreneur of the Year Award by Ernst and Young LLP/USA Today.

Target Audience:

The objective is to introduce biometric technology to hardware vendors and system integrators, the banking industry, and healthcare and social services. Biometric security will play a central role in high levels of confidential and security measures. This will be targeted to companies looking for an understanding of biometrics in the workplace.