

Biometric Consortium 2005 Conference



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Topic: Implementing Large-Scale Biometric Systems

Abstract: This presentation will focus on the factors that lead to successful deployments of biometrics in large-scale implementations such as border security and PIV, where the key is system design not technology. We will look back at some of the more high profile deployments of biometrics today and analyze some of the lessons learned. We will assess some new developments in the biometrics arena and address some issues around identity management that government agencies need to consider as they roll out biometrics in the coming years.

Biography: Recognized as an unparalleled visionary and strategist, Dr. Atick has been at the forefront of some of technology's most significant breakthroughs over the last fifteen years.

After co-founding Visionics in 1994, a private company and the leading developer of facial recognition technology worldwide, Dr. Atick steered the company through a successful merger with Digital Biometrics, a public company and the leader in biometric systems engineering and connectivity. Only one year later, he led the merger of Visionics with Identix, the recognized global leader in fingerprint identification to create the Identix company that we know today.

Before his work with Identix, Dr. Atick led the Computational Neuroscience Laboratory at Rockefeller University and the Neural Cybernetics Group at the Institute for Advanced Study in Princeton, New Jersey, as they made a series of noteworthy achievements in understanding how the human brain processes information. From there, Dr. Atick co-founded and managed two other companies that focused on technology transfer and development.

Over the years, Dr. Atick has served as a technical advisor to many high-tech enterprises and organizations, including NATO. He is a highly sought after speaker at high level industry conferences and a frequent commentator in the media. He has also been asked to testify several times before congressional committees. In January 2000 and then again in November 2001, Dr. Atick was recognized by MIT Technology Review and Business Week Magazine respectively, as an innovator at the forefront of the high-tech security field of biometrics as well as someone who exemplifies its potential and promise.

Dr. Atick is a founding member of the International Biometrics Industry Association, a trade association dedicated to supporting and advancing the collective international interests of the biometric industry as a whole.

He holds a Ph.D. in Mathematical Physics from Stanford University.