

Biometric Consortium 2003 Conference

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Nat Hall is a Principal Engineer at Mitretek Systems where he conducts research on various biometrics-related topics and supports a number of client missions including the Transportation Security Administration's Airport Access Control Pilot Program.

Prior to his work at Mitretek Systems, Mr. Hall was an Information Security Applications Specialist for STS International where he led the technical development of a face, iris, fingerprint, voice, and surveillance collection, verification, and storage network for research for the Department of Defense's Biometrics Management Office and the Biometrics Fusion Center. Mr. Hall researched and evaluated technologies for a biometric and passport enrollment, identification, and authentication network as well as surveillance technologies.

Prior to his work at STS International, Mr. Hall founded two software companies which included development and marketing of a product line which modeled factory automation equipment and electrical control systems through a custom simulation language. Optimization research resulted in improved methods for calculating an exact solution to the classic quadratic assignment problem. Work was published in the European Journal of Operational Research.

Prior to his self-employment, Mr. Hall served as Senior Systems Engineer for Simmons Machine Tool where he managed the manufacture of large factory automation equipment for the railroad industry. He received his Electrical Engineering degree from Rensselaer Polytechnic Institute.