

Rene McIver

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Security Clearance: Top Secret

Rene McIver is Technologies Director for Bioscrypt Inc., a leading provider of advanced fingerprint recognition technology. In this role she is responsible for assessing emerging technologies for potential partnerships or integration with Bioscrypt products. Rene oversees various Bioscrypt research and development initiatives; as well she represents Bioscrypt's interest in the standards community through participation in biometric standards development.

With respect to biometric standards participation, Ms. McIver is entering her fourth year as the Chair of the Canadian Advisory Committee on Biometrics, the Canadian component of the international ISO/IEC JTC1 Sub Committee 37 on Biometrics. She serves as Canadian Head of Delegation at international SC37 meetings and International Convener of the SC37 Working Group on Harmonized Biometric Vocabulary.

Prior to working for Bioscrypt, Rene was employed within the Canadian Federal Government's Communications Security Establishment as a Cryptomathematician. Her primary areas of responsibility included analysis of cryptographic algorithms and systems, as well as vulnerability analysis of biometric systems.

Ms. McIver has also held the position of Manager, R&D Security Services, with e-Scotia (a prior subsidiary of Scotiabank). In this role, she was responsible for establishing and maintaining an R&D lab to enable the evaluation of emerging information security technologies. She also provided project management over several R&D initiatives, performing in depth security reviews and technical evaluations of products and technologies selected to enhance e-Scotia's product offering. e-Scotia was established to provide e-commerce products and services to companies to secure their business on the Internet by offering Public Key Infrastructure (PKI) technology.

Ms. McIver completed her Masters of Mathematics at the University of Waterloo, where her research interests focused on cryptography. She applied her cryptographic knowledge and established her biometrics experience at Mytec Technologies by investigating and providing technical direction on cryptographic features and algorithms to be incorporated in a secure biometric application deployment.

Rene has co-authored several biometric publications, including two *SPIE* articles explaining the concept of Biometric Encryption™, a chapter on Biometric Encryption™ in the book: *ICSA Guide to Cryptography*. She is also a co-author of a patent relating to secure key management using a biometric.