

Biometric Consortium 2006 Conference

James L. Cambier

Vice-Chair

INCITS M1.3

10 Holly Drive

Medford NJ 08055

Phone: 856.261.8642

jlcambier@gmail.com

Topics: Status and Deployment of Biometric Standards and
Biometric Compromise and Revocation

Biometric Standards Session Abstract: The status of development efforts for national and international standards applicable to biometric technology is described. Standards for data interchange formats, system interoperability, application profiles, and application program interfaces have been published, and additional standards, revisions, and amendments are in development. Deployment of biometric standards in national and international programs is beginning.

Biometric E-Authentication Abstract: Techniques for generation of unique, application-specific biometric samples and template formats that prevent the unauthorized exchange of templates across multiple applications are described. In addition certain of these techniques support the re-issuance of compromised templates without re-enrollment. Advantages and limitations of the techniques are described.

Biography: Dr. James Cambier serves as Vice-Chair of the INCITS M1.3 Task Group and until recently was Vice President, Engineering and Chief Technology Officer for Iridian Technologies, Inc. His responsibilities included management of company research in iris recognition technology and development of software products that enable deployment of iris recognition in commercial applications. He also managed the company's intellectual property portfolio.

Prior to joining Iridian, Dr. Cambier served as Technical Director for PAR Vision Systems Corp. where he directed the design and development of products for medical diagnostic and industrial automatic inspection markets.

Dr. Cambier serves as an editor of national and international standards on iris image data.

James Cambier holds the BSEE degree from the University of Missouri and MS and PhD degrees in EE from the University of Rochester.