

Biometric Consortium 2004 Conference

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Topic: Skin as a New Biometric

Abstract: Identix has recently acquired and further developed a new biometric: skin. The approach is based on a simple idea: using the visual details of the skin for recognition. It is made possible by a new generation of algorithms, called “Surface Texture Analysis” (STA). These algorithms can be applied to skin from different parts of the body, such as face or hand. Applied to face, they have proven more reliable than existing facial feature-based algorithms. Even more dramatic improvements have been achieved by combining the two types of algorithm, features and skin, using fusion theory.

Biography: Nicolas Vandenberghe leads the productization and marketing of the new Skinprint technology at Identix, Inc. (IDNX).

Nicolas was previously co-founder and CEO of Delean Vision, Inc., the original owner of this technology, acquired by Identix in March 2004. As CEO of Delean Vision, Nicolas collaborated with inventor Bruno Delean to develop an algorithmic idea into a full-fledge biometric technology, filing for two patents and bringing it to its first real-world deployment.

Nicolas previously founded and built two Silicon Valley software companies: RedCart Technologies, Inc., an e-commerce technology company whose clients and partners included LookSmart, Amazon and MSN; and The LivePix Company, a digital imaging software company which grew from zero to \$10M in revenues in three years. Nicolas began his career in product management at Procter & Gamble in Paris. He later worked for strategy consulting firm Corporate Value Associates, a spin-off of The Boston Consulting Group, in London, where he focused on large projects in information technology.

Nicolas has been a public speaker on numerous occasions, including PC Expo, Comdex and the hi-tech symposium at Harvard Business School.

Nicolas earned a Bachelor of Science in Mathematics from Ecole Polytechnique in Paris and an MBA from Stanford University.