

Biometric Fingerprint Equipment Market Opportunities, Market Forecasts, and Market Strategies, 2006-2012

Biometric Fingerprint Equipment Market Assessment



Picture of fish breath by Susan Eustis

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133 TABLES AND FIGURES

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\$2,800

about the company

WinterGreen Research,

Founded in 1985, provides strategic market assessments in software, communications products, communications services, and advanced technology.

Reports focus on opportunities to expand existing markets or develop new markets. The reports access corporate positioning, market strategies, and product marketing opportunities. Reports evaluate the impact of new technologies. Reports assess the strategies and positions of leading participants.

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Research Methodology

WinterGreen Research authors use a structured, consistent, and detailed research approach. The methodology supports an analytical approach to market research. Data relating to industry segments is developed and permits in-depth comparisons between many aspects of the market. Full spectrum research, customer interviews, information services and market reports are positioned to provide strategic value to industry participants, strategic planners, and product managers.

CHECK OUT THESE KEY TOPICS

Biometrics Market Description and Market Dynamics
Biometric Equipment Market Shares and Market
Forecasts
Fingerprint Products
Biometrics Business Case
Vulnerabilities to Windows Systems
Human Mechanism to Distinguish Between Human
Faces
Gesture-Interfaces
Live Scan Biometric Fingerprint Markets
Vector Segment Technology (VST)
Facial Recognition
Iris Reading Algorithms
Enrollment and Identification
Neural Networks
Much more...

OPPORTUNITY ABOUNDS

Biometric Fingerprint Equipment Market Opportunities, Market Forecasts, and Market Strategies, 2005-2010

Access control is central to biometric market development. The driving market forces for commercial biometric fingerprint systems relate to demand for more granular intelligent security systems that provide more access control. Intelligent networks are global. Biometrics is a part of these new markets for access control.

A system will have access control at some level. A very advanced feature set is implemented as software in combination with biometrics security systems. Middleware software has highly evolved voice feature systems that complement software systems that implement over 1,000 different functions for the desktop. It is in this context that biometrics are achieving market penetration.

NEC, Motorola, Sagem Morpho, and Identix are among the market leaders.

Biometrics is a method of authentication based on physical or behavioral characteristics. Market growth depends on demand for a quick, secure way to identify people. The Internet security industry is composed of hardware tokens, software tokens, and biometrics. All are used for authentication. The hardware token segments are the most widely used authentication devices set to be replaced by fingerprint identification systems as they become more cost efficient.

Microsoft and the International Biometric Industry Association (IBIA), BioAPI consortium represent standards forces driving market growth. Microsoft is integrating biometric authentication technology into its next version of Windows, thereby validating the technology. The Microsoft implementation sends a message to the market that this technology is ready for widespread adoption.

The law enforcement markets are anticipated to continue to grow at a rapid pace, joined soon by commercial and healthcare markets. The availability of sensors at a cost below \$5 is the most significant market driver. The higher price sensors are for door and other applications that people prefer a larger aspect presentation. Low cost and wide applicability of the technology will drive use in every industry.

Biometric government identification program, law enforcement, and commercial fingerprint equipment market forecasts indicate that markets at \$427.4 million in 2004 are anticipated to grow to \$6.3 billion 2012.

Companies Profiled

Motorola

Precise

Fujitsu

NITGEN

Labcal Technologies

ST Microelectronics (finger-scan)

AuthenTec

BIO-key

SAIC

NEC

Biometrics

Atmel

Saflink

Smiths Heimann

Cogent

CrossMatch

Sagem Morpho

Many more...

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