

## PRESS RELEASE

### Data-Warehouse and BioID form strategic partnership

#### Multimodal biometric authentication solutions meet performance, security, and compliance requirements of applications with very large user bases

**Munich and Nuremberg, Germany,—November 17, 2009:** Data-Warehouse GmbH and BioID GmbH announced today they have entered into a strategic cooperation, starting with the joint development of secure authentication solutions for applications and services with millions to hundreds of millions of users. Data-Warehouse's expertise in the area of database aggregation and data quality optimization, along with BioID's state-of-the-art face, iris, and voice recognition technology, will be combined to create powerful, robust, and fast user authentication for applications in the online services, government, military, banking, insurance, health and finance sectors. In addition, Data-Warehouse's existing network and direct relationships with government and enterprise clients provide established distribution channels for these joint solutions.

"Large online services such as social networks and e-commerce providers, as well as government and enterprise customers, must protect access to the sensitive personal and business information they maintain," said Alexander Löw, CEO of Data-Warehouse. "BioID's unique biometric authentication technology has been proven in markets with the most stringent access security requirements, including banking and military, is easy to use and, with our data aggregation expertise, will scale to even the largest applications."

#### Protecting web services with multimodal biometric recognition

Securing personal privacy and deterring identity theft have become global priorities. These goals are essential in today's electronic economy, and are inherently important to individuals whose personal and financial information is stored and accessed in electronic form, as well as to companies that depend on data security and integrity in order to remain competitive. Furthermore, compliance to standards such as SOX, HIPAA, PCI, GLBA, and the European Data Privacy Directive helps to ensure that companies protect the privacy and integrity of personal data.

A large percentage of the public is reluctant to engage in social networking, e-commerce, e-government or other network transactions owing to a well-founded lack of confidence that the system will protect their privacy and prevent their identity from theft or misuse. The misgivings of the public are reinforced by recent publicized cases of personal privacy loss in collaboration networks and social networks, fraudulent funds transfers, and outright theft and abuse of identity in online transactions. Establishing end-to-end trust among all parties to network transactions is the indispensable basis for success in the future market.

Biometric authentication from BioID accurately recognizes individuals based upon each person's unique physical or behavioral characteristics. Biometrics work by unobtrusively matching patterns of

live individuals in near real time against enrolled records. BioID's unique multimodal biometric authentication is based on simultaneous face, iris, and voice recognition for highest security and recognition accuracy. Furthermore, by building in compliance to ICAO data quality guidelines, BioID's technology improves and ensures the quality of biometric enrollment data, further increasing recognition accuracy. Finally, BioID's technology includes tools that help ensure compliance to privacy regulations while simplifying compliance auditing and reporting.

Data-Warehouse's IQIMS product suite, a quality oriented, revision safe next generation information management system, is developed to achieve individual, high quality, transparent and revision safe storage of information with full historisation of every data element. This suite, proven in demanding applications such as the military aircraft industry, is typically used for data quality control, data consolidation, data migration and master data management and ensures the customer is able to build highly efficient, long-term state-of-the-art IT systems with minimal TCO, personnel and external dependencies.

To address the needs of web services, the two companies will develop a flexible user authentication solution that can support globally distributed applications with millions to hundreds of million users, such as social networks, software as a service, e-commerce, e-government, and online banking, and which could also be accessed on mobile platforms and devices. Data-Warehouse's expertise in data aggregation and data structure is essential to such large-scale applications. As the authentication database grows very large, data structure and database design becomes increasingly important, to ensure that biometric and other authentication data can be quickly retrieved when a user accesses the system.

"We are pleased to work with Data-Warehouse," said Ho Chang, CEO of BioID GmbH. "Their considerable proficiency in designing and optimizing vast distributed databases makes it possible for even the largest, most demanding applications to use BioID's cutting edge personal recognition technology to protect sensitive information against identity theft and data breaches."



Biometric user authentication for web applications and services.

Images can be downloaded in high resolution at [www.bioid.com/news-center/press-releases.html](http://www.bioid.com/news-center/press-releases.html)

## About Data-Warehouse

Data-Warehouse GmbH is a technical leader in database security, data protection, data quality, database aggregation, and digital signatures. With its revolutionary "Tixxle" data transport technology and Integrated Quality oriented Information Management System "IQIMS", Data-Warehouse provides complete product lifecycle solutions for mobile device-enabled information technology environments and infrastructures. Furthermore Data-Warehouse's solutions enable a wide variety of applications including process optimization, logistic optimization, IT system optimization, security management, and data security, as well as archiving. Website: [www.datawh.de](http://www.datawh.de)

## About BioID

BioID is the leading developer of multimodal biometric authentication solutions, with many years expertise in the field of IT security for banking, enterprise, and government applications. The company is also currently developing new solutions for mobile and internet authentication. BioID's authentication solutions link a real person to their digital identities, by simultaneously recognizing face, iris, and voice. Privately held, BioID is headquartered in Sachseln, Switzerland, with development facilities in Nuremberg, Germany. For more information, please see [www.bioid.com](http://www.bioid.com).

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