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Smart biometric solution combines facial, mimic and voice recognition in a single unit for fail-safe identification



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Databac Group, specialist provider of identification solutions, embraces facial recognition with the addition of a new multimodal biometric product to its range. **smarti**[®] is an innovative solution which applies a combination of face, mimic and voice recognition for positive identification for multiple functions, including access control, time and attendance and building automation.

smarti[®] eliminates buddy punching and ghost workers, boosting productivity and ultimately the bottom line. It keeps unauthorised persons out of a building without worries about stolen cards or PINs and its multimodal technology means that no authorised person is rejected.

"Facial recognition is something we have been keen to add to our range," said Databac Group managing director Charles Balcomb. "It is less intrusive than iris technology, with little action required from the user, and just as effective. **smarti**[®]'s combination of facial recognition with voice and mimic detection makes it among the most secure systems on the market today - and it is fantastically easy to use."

smarti[®] can integrate with - and control - existing security systems using different technologies, thereby avoiding disruptive overhauls. It can also control electronic devices such as locks, alarms, lights and heating. With an integrated camera, it can even be used for video surveillance.

The **smarti**[®] DIADEM unit features an in-built IR CCTV camera, IR LED lights, an eight-inch colour touch screen, motion detector, microphone, speakers, processor, built-in storage, internal memory, comms ports and a relay I/O controller. Designed for both indoor and outdoor use, the fanless, noise-free unit can be mounted in or on a wall.

Functionality is simple. Motion sensors detect the presence of a person and the unit requests a voice code. **smarti**[®] captures a facial image and verifies the image, voice print and lip movement. Once authenticated, it then performs the tasks as defined by the operator. For example, it can be programmed to open the door, switch on the lights, send an email, store a photo in the event log and switch on machinery. A video intercom enables live two-way communication, while audio or video messages can be played automatically on entry.

The software enables customisable reports on entries / exits and staff presence. Holiday and attendance schedules can be programmed and all data can be exported into other systems such as payroll software for fast and easy payroll calculations.

smarti[®] can integrate with card, RF-tag, fingerprint and other security systems and can be set up to control all systems in the enterprise. In addition to biometric verification, **smarti**[®] can also work with PIN codes which can be entered on the touch screen.

Databac will be marketing **smarti**[®] across the UK and Databac technicians are fully trained to provide technical support.

smarti[®] is available in English, German, French, Slovenian, Croatian Dutch, Italian, Spanish, Polish, Russian and Arabic.

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Editors' notes

smarti[®] is developed and manufactured by TAB Systems Inc. TAB Systems Inc is a Slovenian company specialized in applications for personal identification and process automation, based on multimodal biometric recognition. In 2007 it became a joint-stock company in order to expand and consolidate its global markets.

About Databac Group

Databac Group is an ISO9002 certified provider of specialist solutions for identification. Established in 1970, it manufactures state-of-the-art ID cards and develops and supplies systems for photo ID, badge printing, event registration and visitor management. Databac's cards can incorporate one or more reading technologies, including contactless and contact chip, proximity (RF), magnetic stripe, Watermark Magnetics®, Wiegand Wire and barcode. Databac also manufactures and supplies lamination pouches, badge holders, lanyards, clips, yoyos and vehicle ID passes. The company partners with leading OEMs to provide plastic card printers, printer ribbons, instant photo ID cameras, ribbons and film, card encoding equipment, card readers, biometric readers and workstation equipment. A professional bureau service is available for card personalisation. While it services an international client base, the launch of a European sales office in Spain in 2001 has propelled Databac into a dominant position within the European ID market. Visit www.databac.com for more information.

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