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Face, mimic and voice recognition for positive identification



(23/07/2008)

Databac Group has added a new multimodal biometric product to its range. smarti@ 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.

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.

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.

"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."

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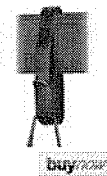
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