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smarti for high security environment

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The situation: An IT company which does a lot of work with the government implemented a biometric access control system for their server room where sensitive and confidential government data is stored. Because of data security issues only 15 certified and verified individuals have access to the server room and their presence in the room is always tracked. The access control system is also connected to the alarm system and to the fire alarm system. The solution: To achieve a higher level of reliability and security the company wanted to use more than one biometric identifier to establish a person's identity. They needed a system which would also track when a person entered the room and when this person left the room. This is why they decided to use the smarti system supported by fingerprint readers. The smarti unit was installed by the door which leads in to the server room. Two fingerprint readers were also connected to the smarti unit one was fitted below the unit and the other was fitted on the other side of the wall inside the server room. The alarm system and the fire alarm systems were connected to the smarti unit using the RS 232 ports. The smarti unit was connected to a server in the server room and to a computer in the company's security centre via TCP/IP. All data about the authorized users and the events is saved on the server and the system is administered from the smarti client in the security centre. Access rights and schedules can be assigned and events can be tracked from a single location. To enter the room a person must first authenticate himself by using the fingerprint reader. Then smarti starts the face and voice recognition if the persons face, voice and fingerprint are recognized the door is opened, the alarm is shut off, a photo of the person is taken and the time and date of entry are recorded. When the person enters the room the door is locked behind him. To exit the room the person identifies himself using the fingerprint reader inside the server room smarti then unlocks the door, records when the person left the room and turns on the alarm. If the person who wants to enter the server room is rejected smarti sounds an alarm in the company's security centre and opens a video intercom link to the smarti client in the security centre. The security guard can then check if it's a false alarm using the video intercom. Since the fire alarm is also connected to the system the smartiR unit can open the doors to the server room if a fire breaks out. Below the line: With the use of the smarti the company fully met the above stated demands and an effective enforcement of security standards and recommendations was attained in the most reliable and economical way. The use of the smarti system in combination with the fingerprint readers has proven it self to be very affective in achieving a higher security and reliability level with minimal additional costs. The used solution prevented abuse, unauthorized and unsupervised access which is possible with more commonly used access solutions (ID cards, PIN codes...).

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Verint Systems Inc., a provider of analytics for security, was awarded Frost & Sullivan's 2006 North American Customer Value Enhancement Award for Video Analytics for the firm's Nextiva Enterprise video management platform.

"Verint's Nextiva video platform with integrated analytics is one of the most comprehensive smart video solutions in today's market," says Jason Halverson, principal analyst with Frost & Sullivan of Palo Alto, Calif.

["Nextiva's built-in video analytic.....» Detail](#)

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