



The Company

ebm Intelligent Automation Systems is a market leader in home automation specialising in design, integration and consulting services; ebm also specialises in C-bus, Dynalite lighting control systems, Ness Security Systems & BioLock Access Control Systems. ebm prefers to use equipment that is designed and manufactured in Australia.

The Problem

The client presented ebm with an unusual problem, he wanted to unlock a door, disarm an alarm, automatically open another door, start the air conditioning, select his chosen music as well as turn on various groups of lights all triggered by the time of day and the finger he used on the BioLock. This all sounds easy but he also wanted different music and lighting combinations based on the different fingers his wife may use on the BioLock. Creature comforts aside there was also the issue of security within the home. The client requested that if either he or his wife used a selected finger on the BioLock a duress message would be sent via the alarm system, indicating that they were forced to open the door and the monitoring company would notify the police for help.

The Solution

The BioLock fingerprint system from BRS was the only possible way to achieve the results our client required. The BioLock was installed outside the main entry door, where the clients could place their finger on the sensor pad. BioLock then sends a signal to the home's communication room where the signal is decoded, identifying which client has accessed the BioLock and which finger was used.

This information is decoded in a millisecond, allowing the automation system to turn on the correct music, lights, air conditioning, disarm the alarm and open the door.

The Benefits

Lee Vaughan said *"it sounds like something from the Jetsons but the client loves it"*

In a single one-touch operation the house is ready to welcome you home!

Another added benefit for the client is the ability to allow the cleaners scheduled access to the house, outside of these nominated times the BioLock prevents them from entering the house - That's really piece of mind and security.



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