

The Panic Room

Where do you go when there's nowhere else to go?
To your very own panic room of course!

'The Challenge'

To build a panic room within the house that was not visible to the keenest eye and which would allow the occupants to monitor the property from within.

'The Solution'

To achieve this, the panic room was built into the ground within the home. The room has a unique entry point with two sets of securing doors.

Once activated, the first of the G2-Rated Blast-Proof doors shuts off a hallway within two seconds and protects the entrance to the panic room, thus stalling the intruder.

Next, also in less than two seconds, the floor doors (G2-Rated and Blast-Proof) rise up and open outwards in a butterfly movement. Once the occupants are in the room, the doors are sealed shut, and there they can securely begin to monitor the property whilst they await help.

The panic room/ strong room is set up to deal with a home invasion and all of the equipment is purposely designed to cater for this event.

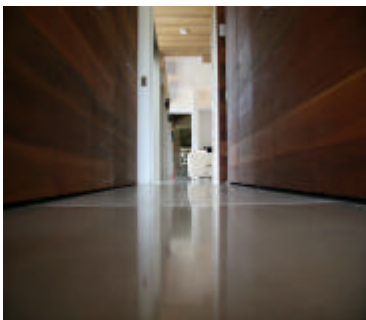
To bring together a house and panic room with such an advanced level of electronic integration required a control system that was capable of communicating seamlessly and reliably with each of the stand alone systems.

The AMX product allowed AVD to develop a custom Graphical User Interface (GUI) that met exacting design and functionality criteria. This was critical in order to achieve easy operation of the panic room and the house.

For obvious reason, no other details are available for publication.

“ The client was delighted with the simplicity of the design and ease with which he could operate this complex room . ”

Sandy Howard, AVD Australia



To secure the panic room entry,
two steel doors open and close hydraulically in a butterfly
movement.

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'The Process'

To enable the design, integration and implementation of this fully functioning home automation system with panic room, AVD undertook the following:

- scope of works development;
- systems infrastructure engineering and design;
- documentation of electrical and electronic systems, lighting, cabling and switching schedules;
- infrastructure project management;
- product selection;
- installation and project management of systems;
- control system development;
- programming and testing; and
- final commissioning and handover.



'The Project Partners'



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