Cluster controller
MODULE

The Access Portal cluster controller module brings an unrivalled simplicity to the installation of an access control solution.

True plug-and-play modular hardware means you simply plug in more units to expand your installation. This makes it very easy to adapt the system to suit your changing needs. The clustering concept is also highly cost effective as one cluster controller can manage up to eight reader modules, giving you up to 16 readers from just one controller.

However, the modules don't have to be plugged together. You can connect using SBus which allows you to connect a module up to 150 metres from the controller – that's the length of one and a half rugby fields.

Another benefit of the cluster controller is the on-board intelligence which allows for full off-line functionality in the event of a power failure and each cluster controller can store up to 100,000 transactions.

Security is another important consideration and the cluster controller comes fitted with an anti-tamper switch.

Stand-alone system

With the flick of a dipswitch, the cluster controller can be configured as a complete stand-alone access control system - Access Portal Lite. The controller contains an embedded web server, and offers up to eight anti-passback doors, or 16 single entry doors.

When selecting a cluster controller in Lite mode, there is no need for additional software or even a computer. The LCD version can be configured and operated through the touch screen, whilst the non-LCD version can be connected to the internet and configured through a browser. Both units can also be accessed through any HTML5 device, such as a smart phone, tablet or laptop – giving you 24 hour access to your site.

World of choice

We understand that most sites are unique, with their own specific installation needs and for this reason, we've created a few variants of the cluster controller. The unit is available with and without a LCD touch-screen, and housed either in plastic or a secure metal IPS enclosure.

In addition, the cluster controller comes with a variety of modules, which simply clip together, depending on your application:

• Wiegand reader module
• Antenna reader module
• Digital I/O module

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