



## **Our VAX solution does not require Port Forwarding**

Port forwarding is a networking method used to establish network connectivity via IP from one location to another by creating a rule (mapping a port) within a router.

When a network request comes to connect to an external device from a server by IP, the receiving router will also receive a port number as part of the request. The receiving router takes that port number and redirects it to the intended IP address via its routing table. These routing tables are traditionally setup manually by a qualified IT technician because of their complexity.

Many IP-based access control solutions direct the host server to call out and 'look' for remote devices. If they are across different networks or remotely accessed via the Internet, they then require configured port forwarding at every location to be able to find and establish a network link between the server and the controllers. This takes an inordinate amount of time and manpower and often requires local IT support to configure the routing tables (for mapping) for every remote connection to controllers.

Vicon's VAX Access Control simplifies the process by eliminating the need for port forwarding by reversing the process. Rather than having the host access control server look for and try to connect to remote controllers via port forwarding, our system has the controller call out and connect to the host server.

Therefore only one IP address or one DNS server name is needed to identify the proper port. Our solution offers a consistent approach to configuring all controllers whether they are local to the server (on the same network) or halfway across the globe.

End users love the superior approach of Vicon's VAX communication protocol – it is simple to configure and quick to bring controllers online. Saving precious time and making installation a breeze.