

# Cyber Security with Net2

With regards to cyber testing, the Net2 system was ethically hacked in 2017. Following this, Paxton were supplied a report with recommendations and suggestions for improvement and we worked with the ethical hacker to reassess the system following the updates and improvements. This included better obfuscation of code and removal of the default System Engineer password with improved password reset facilities.

Requests for a password reset go through stringent security checks via our own Technical Support team to ensure requests to reset passwords are genuine; this includes Paxton contacting the site in question without knowledge/contact information provided by the person requesting the reset. This is then validated with the end user as well as the installation company to confirm the request is genuine and permitted.

All access to Net2 is password protected and strong password requirements can be implemented within the Net2 system to further enhance security, as well as automatic logouts following a period of inactivity.

Net2 is as secure as the network it resides on and Paxton is not responsible for the implementation and maintenance of security within a Network, but instead makes recommendations for providing such security (see statements below to enhance security). Firewalls and VLAN's should be implemented to avoid hackers using these as a means of accessing other areas of the network/site.

It is not possible to obtain information our ACU's, only event data is passed along the TCP/IP or RS485 data connections back to the server. No secure information is held upon the ACU such as passwords for the system. Passwords are secured within the SQL database provided by Paxton and code is obfuscated to prevent decryption as much as is possible.

It is important to bear in mind that with enough time and patience, any system can be hacked. It is our responsibility to make this as difficult as we can, which we have done.

Software compatibility information:

[https://www.paxton.co.uk/spotlight.asp?strStage=compatibility\\_statement](https://www.paxton.co.uk/spotlight.asp?strStage=compatibility_statement)

Network security Recommendations: <https://www.paxton.co.uk/docs/Compatibility%20Statement/Net2-Security-Recommendations.pdf>