Paxton
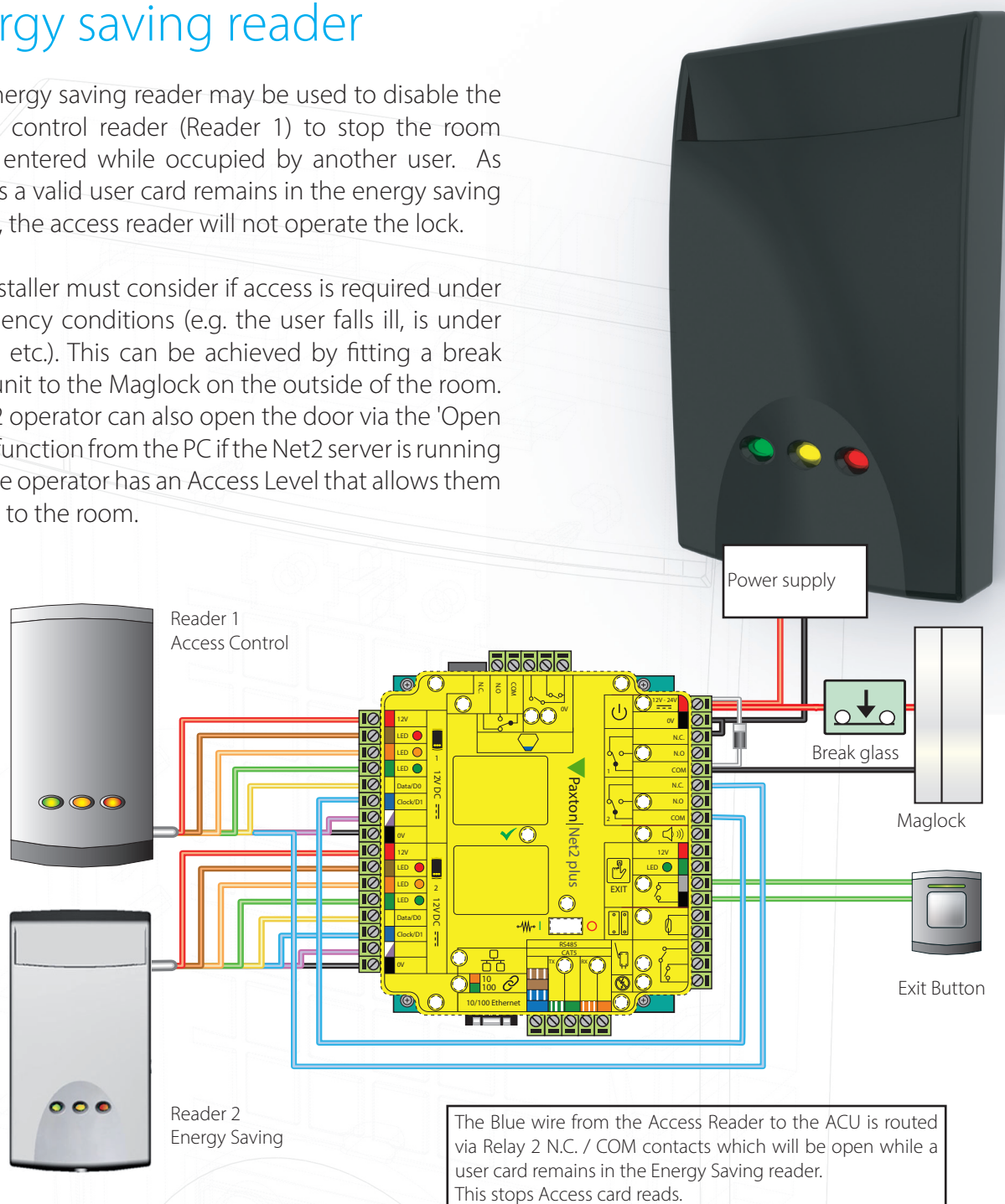
How to secure a meeting room using the energy saving reader

The energy saving reader may be used to disable the access control reader (Reader 1) to stop the room being entered while occupied by another user. As long as a valid user card remains in the energy saving reader, the access reader will not operate the lock.

The installer must consider if access is required under emergency conditions (e.g. the user falls ill, is under attack, etc.). This can be achieved by fitting a break glass unit to the Maglock on the outside of the room. A Net2 operator can also open the door via the 'Open Door' function from the PC if the Net2 server is running and the operator has an Access Level that allows them access to the room.

Power supply

Reader 1
Access Control

Break glass

Maglock

Exit Button

Reader 2
Energy Saving

The Blue wire from the Access Reader to the ACU is routed via Relay 2 N.C. / COM contacts which will be open while a user card remains in the Energy Saving reader.
This stops Access card reads.

Wire the ACU as per a normal Maglock. As advised above, the 12V feed passes through an external break glass so that the lock can be released from the outside in an emergency.

An exit button on the inside will work as normal.

To add the security feature, run the BLUE wire from Reader 1 through Relay 2 (N.C and COM)

Once the user card is in position in the energy saving reader, Relay 2 will transfer preventing data input from the reader to the ACU.

NOTE: This ACU must not be included for release with Net2 Fire Alarm integration as Relay 2 will always transfer during an alarm situation and stop the reader from working.