

# Net2 Security Settings - Data Protection and Strong Password Enforcement

_				
()	VA	rvi	iew	1
$\cup$	vC	V		<u></u>

Coptions General

Selec

Token types

Application security

Landlord Tenant permissions

Automatic log out

Enforce strong passwords

Departments

Automatically log users out of Net2 after this number of minutes of inactivity.

Token data formats

Card printing

In light of EU Regulations coming in effect in May 2018, Paxton have made some additions to their flagship Access Control software, Net2, to accommodate peoples right to be forgotten.

From v5.04 onwards, the options menu of Net2 now inlcludes an additional security tab.

This tab will present you with two sections for enabling advanced security options; Password Strength and Automatic Logout & Event Retention settings.

Door groups

- Door groups 2 7 Report groups 1 Field names Token types ..... Token data formats 2 Custom days Landlord Tenant permissions a. -Card printing
- Activation

Security

Options Help

General

Departments

₹e

P

- 1 age Camera integration
- . Multizone Intruder integration

to Onting	
>>> Options	

Field names

Camera integration Security

Report groups

\*

Activation | Multizone Intruder integration

Custom days

now user events should be retained in the database	Solutions				×
	General	<u>D</u> epartments	Door groups	Report groups	Field names
se default	<u>I</u> oken types	Token da			Camera integration
r a specific number of days	Landlord Tenant per	rmissions Card	printing Activation	Multizone Intruder in	tegration Security
ever retain	Application securi	ty.			
	Automatic	log out			
	Automatically minutes of in		2 after this number of	×	
OK Cane					
Anerator Lonon	Enforce stror	ng passwords			
	Select how user e	vents should be reta	ined in the database		
	<ul> <li>Use default</li> </ul>	t			
	For a speci	fic number of days	730		
	🔿 Never retai	n			
	Onevented				
	1				-
				OK Ca	ancel Apply
		21		$\leq V $ (	

#### Password Strength and Automatic Logout

We have updated our software so as to comply with EN60839-11-1 Grade 1&2. In short, this provides a facility to allow stronger passwords to be used to access the Net2 system. When enabled by checking the 'Enable Strong Passwords' checkbox, a minimum of 5 Alphanumeric characters are required for any operator in the system.

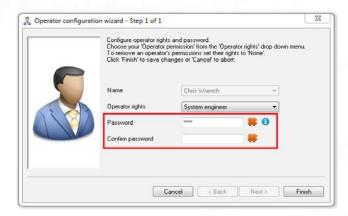
# Net2 AN1162

Existing operators with passwords that do not meet the minimum requirement will be required to enter a new password for their operator account. To advise on this, operator passwords that do not meet the required character minimum will be advised on login and will need to speak to the system administrator to update their password.



NOTE: The default operator account, 'System Engineer' is unaffected by this rule so access to the system can still be achieved in the event that this service is enabled, but the default 'System Engineer' operator account has not been updated to meet the requirement.

When setting an operator password, you will be advised if the password meets the required number of characters with simple cross or tick advisories:





### Automatic Logout

This facility will allow you to set a time by which the system can remain idle. Should the system remain idle or inactive beyond this time, the system will automatically log the user off and return to the login screen. This provides an added level of security and will help prevent systems left unattended from remaining open for extended periods and being at risk of access by unauthorised users.

The Automatic log out can be set from 1 - 500 minutes by adjusting the number using the arrow controls, or manually typing the required number of minutes.

General Token types Landlord Tenant per	Departments     Token data <u>f</u> missions   Card prin		Report groups Custom days     Multizone Intruder	Field games
Application security	log out	after this number of		
Enforce stron	g passwords 🛛 🗐			
<ul> <li>Use default</li> <li>For a specific version</li> <li>Never retain</li> </ul>	c number of days	730 📩		
10				

#### Event retention

It is now possible to specify how events should be retained within the database. The default setting remains in place, showing all events associated with the system, but also allows you to set the number of days the events will remain within the system or even the option not to retain events at all.

A warning will be issued when selecting either the specific number of days or the never retain option, advising you that the events will be deleted from the system:

General         Departments         Door groups         Report groups         Fiel           Token types         Token data formats         Custom days         Same a inth           Landlord Tenant permissions         Card grinting         Activation         Multizone Intruder integration	Id games tegration Security	
Application security		
Automatic log out Automatic ally log users out of Net2 after this number of minutes of inactivity.		
Enforce strong passwords		
Select how user events should be retained in the database		
O Use default		
Use default     For a specific number of days     730	maintenance	
Use default     For a specific number of days     730	maintenance User events are retained only for the number of days specified. Aft	er this period they will be permanently o

Choosing to never retain events will mean no events relating to a user's activity are stored within the system. Only System, Information and Alarm events will be displayed in the Events table.

Only System Engineers can make the changes to the data protection settings. To ensure that information is correctly recorded regarding data protection settings, events will be generated in Net2 to advise of changes made to these settings and by whom.

## User Deletion and removal from the system

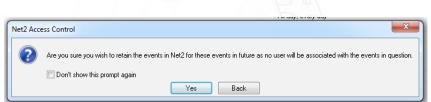
As part of the 'right to be forgotten' policy, users who are removed from the system can also have events associated with their account removed from the system. When selecting to delete the user, the operator will be presented with additional confirmation screens. Once confirmed that the user is to be deleted you will be asked if you wish to retain or delete the events associated with that user.

Are you	sure that you want to permanently delete the rec	cord for Jackson, Miranda?
	Yes No	Net2 Access Control
		Do you wish to delete all events for this user? (if No, events will be identified as 'deleted u
		Yes No

Selecting 'No' will retain the events within the system, but will label the events as 'Deleted' User' to prevent the user from being identified.

Eve	ents				
	Date/time	User	Token number	Where	Event
-0	30/01/2017 16:05:32	Deleted user	73617156	Door 2 - Right (In)	Access permitted - token only
-	30/01/2017 16:05:31	Deleted user	73617156	Door 2 - Right (Out)	Access permitted - token only
-	30/01/2017 16:05:30	Deleted user	73617156	Door 1 - Left (Out)	Access permitted - token only
-	30/01/2017 16:05:29	Wrench, Chris	94040572	Door 2 - Right (In)	Access permitted - token only
-	30/01/2017 16:05:28	Wrench, Chris	94040572	Door 2 - Right (Out)	Access permitted - token only
-	30/01/2017 16:05:26	Wrench, Chris	94040572	Door 1 - Left (Out)	Access permitted - token only

Because of this, you will be asked to confirm that you wish to retain the events as no user information will be associated with the event.



Date/time	User	Token number	Where	Event	Details
<b>**</b> 30/01/2017 16:05:39	Deleted user	73617156	Door 2 · Right (In)	Access permitted - token only	
<b>**</b> 30/01/2017 16:05:38	Deleted user	73617156	Door 2 · Right (Out)	Access permitted - token only	
<b>**</b> 30/01/2017 16:05:37	Deleted user	73617156	Door 1 · Left (Out)	Access permitted - token only	
<b>**</b> 30/01/2017 16:05:36	Wrench, Chris	94040572	Door 2 · Right (In)	Access permitted - token only	
<b>**</b> 30/01/2017 16:05:35	Wrench, Chris	94040572	Door 2 - Right (Out)	Access permitted - token only	
<b>**</b> 30/01/2017 16:05:34	Wrench, Chris	94040572	Door 1 - Left (Out)	Access permitted - token only	
<b>**</b> 30/01/2017 16:05:32	Deleted user	73617156	Door 2 · Right (In)	Access permitted - token only	
<b>***</b> 30/01/2017 16:05:31	Deleted user	73617156	Door 2 · Right (Out)	Access permitted - token only	
<b>**</b> 30/01/2017 16:05:30	Deleted user	73617156	Door 1 · Left (Out)	Access permitted - token only	
<b>**</b> 30/01/2017 16:05:29	Wrench, Chris	94040572	Door 2 · Right (In)	Access permitted - token only	
<b>**</b> 30/01/2017 16:05:28	Wrench, Chris	94040572	Door 2 · Right (Out)	Access permitted - token only	
<b>*</b> 30/01/2017 16:05:26	Wrench, Chris	94040572	Door 1 · Left (Out)	Access permitted - token only	

Net2 will also remove the video icon associated with a 'Deleted User' event to prevent a person being identified visually. This does NOT remove the video footage from the recording device. It is the responsibility of the video recording vendor to supply this functionality.

Depending on the size of the system, the length of time the user has been active in the system, the number of events associated with the user being

User details Deleted: Sales Manager

deleted etc.. etc.., as users are deleted from the system, the system will search the database for events associated with that user and remove them from the database. This is performed in the background and depending on the amount of data held may take several minutes to complete. To advise you of the successful deletion of a user, an event will be generated to advise you the request has been completed. This will list the name of the deleted user but will not contain any other identifying information about that user. This is so confirmation can be made that the user was successfully deleted from the system.

**Disclaimer:** It is the responsibility of the System Administrator/ Owner to ensure that these settings are applied correctly and with the knowledge of their intended functionality. Paxton will not be held liable for any loss of data due to the incorrect or improper implementation of these services.