Paxton Using ABA format 3rd party cards with Net2

Data formats

The Net2 system identifies users by the 8-digit number on their user card/token. Each user must have a unique number for the system to recognise them. Net2 cards only have this 8 digit number.

3rd party cards encoded with a longer number can also be used so long as the data is in the ABA format and a portion of the data is unique to each card.

It is possible to configure the Net2 system to look at the unique part of the card information.

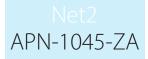
Adding a new token data format

There are two ways to add a new data format. From the Reader 1 or 2 details in the Doors screen, click New format or select the Options menu at the top of the screen and click on Token data formats.

UK HQ - Net2 Access Control			×
<u>File ⊻iew Go T</u> ools <u>O</u> ptions <u>H</u> el	p		
🔶 Back 🔹 📦 🚽 🛃 Refre		Open door 🛛 🧟 New user 👻	
🧐 Net2 Access Control	ACU 12345678		
Events Users Constructions Constructions Constructions Construction	ACU serial number: 12345678 Door name Door open time (seconds)	ACU 12345678	Apply Cancel
	Unlock the door during	At no time Only unlock the door once a user has been grantei Silent operation	Open door Identify
	Reader 1 Reader 2 Alarm Events Fire alarm inputs Intruder Alarm Access rights Reader details ACU 12345678 (In)		
	Reader type	Paxton reader	
	Keypad type		
		None	
	Token data format	Default	New format
	Operating mode		
	Reader operating mode	😣 Inactive	•
Net2 actions	Timed operating modes - Thi	s allows for different reader operation during a selected timezr	
inter travis	During this timezone:	All day, every day	-
Open door A Log off	This reader will operate as:	Notive	*
Net2 details	Reader action - This is what will	happen when a valid access is granted.	



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A new format can be configured by pressing the Add button.

Enter the name of the new format in the text box and press the tick icon to accept. Select the part of the data that is unique by adjusting the settings as required.

Staff	Add	Delete	Bename
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The settings can be tested by entering a card number (or swiping through the desktop reader). The way that Net2 will interpret the information is then displayed.

ieneral Departments Field name	es <u>T</u> oken types Token data <u>f</u> ormats Public <u>h</u> olidays Card <u>P</u> rinting (<u> </u>		
Token format			
Staff	✓ Add Delete Rename		
Token format detail			
Starting from	Digit 7 👻		
Read forwards/backwards	Forward 👻		
Number of digits	8 digits 🗸		
Test token decoding			
Enter Token Number to Test	1234567891234		
Will be decoded as	07891234		

To implement a data format on a reader, it must be selected in the Doors/Reader screen.

Reader details	
Name	ACU 12345678 (In)
Reader type	Paxton reader
Keypad type	None

A USB desktop reader cannot be used to read custom card formats as there is no configuration window available.

A standard reader connected to an ACU reader port must be used in Desktop reader mode.