

How to create Extended_ID card formats to support PIV/CAC or PIV-I

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How to create Extended_ID card formats to support PIV/CAC or PIV-I

Procedure Steps

For a 200 Bit PIV or CAC Card:

1. Navigate to **System Administration > Administration > Card Formats** and click [Add] to create a new card format.
2. Select **Wiegand** as the card format **Type**.
3. Provide a **Name** such as "Extended_ID 200 Bit".
4. Set **Facility Code** to **0**.
5. Set **Badge Offset Number** to **0**.
6. Set **Total Number of Bits On Card** to **200**.
7. Leave all check boxes deselected (**Asset Format, Reversed Bit Order, Duress Format**).
8. For the following **Starting Bit** and **Number of Bits** select:
 - - Facility Code: 0 | 0
 - Card Number: 0 | 0
 - Extended ID: 0 | 200
 - Issue Code: 0 | 0
 - ADA: 0 | 0
 - Activate Date: 0 | 0
 - Deactivate Date: 0 | 0
 - Authorization: 0 | 0
 - Number of Even Parity Bits: 0
 - Number of Odd Parity Bits: 0
 - Special: None
9. Click [OK] to save the record.

Card Format	Type	ID
Bioscrypt (iCLASS)	Smart Card	1010
Bioscrypt (MIFARE)	Smart Card	1011
Credential Agent	Smart Card	1002
Extended_ID 128 Bit	Wiegand	7
Extended_ID 200 Bit	Wiegand	6
HID Access Control (iCLASS)	Smart Card	1007
IrisAccess (iCLASS)	Smart Card	1012
Magnetic Format	Magnetic	1
PIV mag Format	Magnetic	5
SmartID (MIFARE)	Smart Card	1008
Wiegand (64)	Wiegand	3
Wiegand (72)	Wiegand	4
Wiegand Format	Wiegand	2

Card Format		Custom Encoding
Name: Extended_ID 200 Bit		
Type: Wiegand	<input type="checkbox"/> Asset Format <input type="checkbox"/> Reversed Bit Order <input type="checkbox"/> Duress Format	
Facility Code: 0		
Badge Offset Number: 0		
Total Number of Bits On Card: 200		
Starting Bit:	Number of Bits:	
Facility Code: 0	0	
Card Number: 0	0	
Extended ID: 0	200	
Issue Code: 0	0	
ILS-Specific Fields		
ADA: 0	0	
Activate Date: 0	0	
Deactivate Date: 0	0	
Authorization: 0	0	
Number of Even Parity Bits: 0	Special: None	
Number of Odd Parity Bits: 0		

Add Modify Delete Help... 1 of 13 selected Close

For a 128 Bit PIV-I Card:

1. Navigate to **System Administration > Administration > Card Formats** and click [Add] to create a new card format.
2. Select **Wiegand** as the card format **Type**.
3. Provide a Name such as "Extended ID 128 Bit".
4. Set **Facility Code** to **0**.
5. Set **Badge Offset Number** to **0**.
6. Set **Total Number of Bits On Card** to **128**.
7. Leave all check boxes blank (**Asset Format, Reversed Bit Order, Duress Format**).
8. For the following **Starting Bit** and **Number of Bits** select:
 - Facility Code: 0 | 0
 - Card Number: 0 | 0
 - Extended ID: 0 | 128
 - Issue Code: 0 | 0
 - ADA: 0 | 0
 - Activate Date: 0 | 0
 - Deactivate Date: 0 | 0
 - Authorization: 0 | 0
 - Number of Even Parity Bits: 0
 - Number of Odd Parity Bits: 0
 - Special: None

9. Click [OK] to save the record.

Card Format

Card Format	Type	ID
Bioscrypt (iCLASS)	Smart Card	1010
Bioscrypt (MIFARE)	Smart Card	1011
Credential Agent	Smart Card	1002
Extended_ID 128 Bit	Wiegand	7
Extended_ID 200 Bit	Wiegand	6
HID Access Control (iCLASS)	Smart Card	1007
IrisAccess (iCLASS)	Smart Card	1012
Magnetic Format	Magnetic	1
PIV mag Format	Magnetic	5
SmartID (MIFARE)	Smart Card	1008
Wiegand (64)	Wiegand	3
Wiegand (72)	Wiegand	4
Wiegand Format	Wiegand	2

Card FormatCustom Encoding

Name:Extended_ID 128 Bit

Type:Wiegand

☐ Asset Format

Facility Code:0

☐ Reversed Bit Order

Badge Offset Number:0

☐ Duress Format

Total Number of Bits On Card:128

Starting Bit:

Number of Bits:

Facility Code:00

Card Number:00

Extended ID:0128

Issue Code:00

ILS-Specific Fields

ADA:00

Activate Date:00

Deactivate Date:00

Authorization:00

Number of Even Parity Bits:0

Number of Odd Parity Bits:0

Special:None

AddModifyDeleteHelp...

1 of 13 selected

Close

Applies To

OnGuard 7.2 and later

Additional Information

Extended ID values are not supported on legacy ISCs (LNL-2000, LNL-1000, or LNL-500).