This PDF will show you how to Create/Edit a Wiegand profile in Morpho Manager
Definition of Wiegand profiles

- Wiegand Profiles define what information is output over the Wiegand Out interface of the Morpho Biometric Devices when a user is identified. This is most typically used in conjunction with an Access Control System.

- Default Wiegand format are set at 64 bit
Edit an existing Wiegoand profile
Example: Add/Edit a Site Code in an existing Wiegand Profile

- To edit or add a Site code
  - Path>Administrator>Wiegand profiles

This section allows you to view, add, edit & delete Wiegand Profiles in MorphoManager.
To add a Site code, highlight your desired Wiegand Profile and select Edit.
To Add a Site code

In this example 26 bit, called Site Code

Enter details for this Wiegand profile

Name: Standard 26 bit
Description: 8 bit Site/16 bit User code
Bit Length: 26

Click Next

Wiegand Elements

<table>
<thead>
<tr>
<th>Add</th>
<th>Edit</th>
<th>Delete</th>
<th>Move Up</th>
<th>Move Down</th>
</tr>
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<tbody>
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<td></td>
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<table>
<thead>
<tr>
<th>Type</th>
<th>Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>Parity</td>
<td>Parity Bit 1</td>
</tr>
<tr>
<td>Mixed</td>
<td>Site Code</td>
</tr>
<tr>
<td>User</td>
<td>User ID</td>
</tr>
<tr>
<td>Parity</td>
<td>Parity Bit 2</td>
</tr>
</tbody>
</table>

Click Next
To Add a Site code

Click Edit Site code

Change the value to your specifications

Click Finish once done
User Policy
Assign Wiegand profile to applicable user policy
Biometric Device Profile
Make sure you use that Wiegand profile in Biometric Device Profile.
Create your own Wiegand profile
Create your own Wiegand profile

- Path>Administrator>Wiegand profiles
Create your own Wiegand profile

Create a Wiegand Profile

Screen 1 – Configuration Details

Enter details for this Wiegand profile

Name: [Input field]
Description: [Input field]
Bit Length: [Input field]

Name: Name the profile anything up to fifty characters.

Description: Give the profile a description of up to one hundred characters.

Bit Length: Designate the overall bit length needed for your profile.
Create your own Wiegand profile

Screen 2 – Wiegand Profile Elements

On Screen 2 you will be able to add the elements needed to make up your Wiegand Profile. Click Add to select the element needed from the drop down. There are five element types that can be used to construct a Wiegand Profile:

Parity: Indicates a single bit that is typically used for error detection. Parity is calculated over one or more bits within the entire profile and can be Even or Odd.

Fixed: Indicates a value that is common to all users of this Wiegand Profile. Typical examples of fixed values are Facility/Site codes. This value is set once in the Wiegand Profile and will then be used by all users of this Wiegand Profile.

User: A value that can be entered during enrollment for each user. A typical example of a User value is a User ID.

User (Proximity): Similar to the User value, this value is defined during enrollment, but is read from a connected proximity card.

User (CSN): Similar to the User value, this value is defined during enrollment, but is read from an ISO/IEC 14443 smart card’s serial number.
Create your own Wiegand profile

Once the element has been selected the details screen for that element can be populated as in the example below. Once the screen is populated click **Next**.
Create your own Wiegand profile

You will be taken back to the Wiegand Profile element screen (below) and it will now be populated with the element you just added.

Once you have built out all of the elements needed to make up your Wiegand Profile, you can click FINISH.
Once you have created your Wiegand profile, make sure you add that to the User Policy and to the Biometric Device Profile.
Please visit our website Service.morphotrack.com for software, firmware, videos and PDF’s.