**Arco IT GmbH User Interface Guide**

The Arco IT Gmbh User Interface is composed of five tab systems, each of which allow for the following:

The Flow Data Tab

1. Import a flow data CSV that follows the format that we have been working with
   1. A submit button to finalize the upload after selecting the file
2. A slider and linked integer text box to select how many rows the user would like to see

\*\* If the user selects a row count that is higher than the amount of data that is in the file, it will be restricted to the total number of rows in the dataset.

1. An output area for the resulting flow data (with the number of rows selected)
2. A “Find Unknown IP’s” Button which takes a look at the Flow Data, and the asset inventory to determine if each IP in the dataset has a corresponding site.

\*\* This part requires the user to have submitted the Asset Inventory

1. An output area for the unknown IP addresses
2. A button to generate the asset connection graph

\*\* This graph shows the communication among sites with their corresponding ports.

The Asset Inventory Tab

1. Import an asset inventory CSV that follows the format that we have been working with
   1. A submit button to finalize the upload after selecting the file
2. A slider and linked integer text box to select how many rows the user would like to see

\*\* If the user selects a row count that is higher than the amount of data that is in the file, it will be restricted to the total number of rows in the dataset.

1. An output area for the resulting asset inventory data (with the number of rows selected)
2. A series of text boxes that allow the user to add, modify, or delete tags that were automatically generated in the asset inventory

\*\* Even if the user would only like to assign one tag to the asset inventory, they must hit enter in the second tag box, the same goes for the delete function

\*\* To use the modify option, the user must correctly type in which tag they would like to replace it with

1. A hostname configuration section which allows the user to either use the text boxes to assign the desired hostname to a specific IP or use a CSV with a dump of IP addresses and Hostnames to automatically assign them.

\*\* If the user would like to use the text boxes, by striking enter in the hostname box, the resulting table will be shown to them back in the asset inventory tab in the output area.

\*\* The CSV section is only available for the non-dashboard version of the UI

The Range Tab

1. A series of text boxes that allow the user to add a range to a newly created table

\*\* The user must hit enter at the final box in order to add the record

\*\* There will be a newly created CSV in the active directory with the updated data

1. An output area demonstrating the new table
2. A modification or delete range section based off of the IP Prefix

\*\* Changes that are registered will be made off of matching IP Prefixes in the table

The Application Tab

1. A series of text boxes that allow the user to add an application to a newly created table

\*\* The user must hit enter at the final box in order to add the record

\*\* There will be a newly created CSV in the active directory with the updated data

1. An output area demonstrating the new table
2. A modification or delete application section based off of NAME

\*\* Changes that are registered will be made off of the Name Attribute, where the first text box is what the user would like to modify, and the second being what to change it with

\*\* If the user would like to delete an application, they must still enter on the second name box.

\*\*Deleted applications must be done one at a time at this point

The Rule Tab

1. A button for generating machine learning rules
2. An output area that will show the progress of the machine learning generation and the resulting rules
3. A series of text boxes that allow the user to enter their own rules

\*\* The user must hit enter at the final box in order to add the record

\*\* There will be a newly created CSV in the active directory with the updated data

1. An output area demonstrating the new table
2. A series of text boxes that allow the user to enter their own flow

\*\* By entering at the final box, there will be either a “Allow” or “Deny” based on the machine learning generated rules