

Cisco Brownfield Smart Licensing Tool User Guide

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About the Cisco Brownfield Smart Licensing Tool

The Cisco Brownfield Smart Licensing Tool is a support tool for converting customers from traditional licensing to Cisco Smart Licensing. The Cisco Brownfield Smart Licensing Tool allows the user to search for entitlement data via serial numbers and sales order numbers. The tool enables the gathering of serial numbers from devices online in the existing network infrastructure.

Using the Cisco Brownfield Smart Licensing Tool

Authenticating

When using the Cisco Brownfield Smart Licensing Tool, you will be presented with a login page. When cisco.com is reachable by Cisco Brownfield Smart Licensing Tool you must authenticate with your CCO credentials. This allows for the authentication to the CCW-O and CCW-R APIs on the back end.

If cisco.com is not reachable by Cisco Brownfield Smart Licensing Tool, then any username/password combo can be used to authenticate. In this type of environment only the network scan feature or Cisco Federal License Tool function may be used. Features that require an API call will not be available.

Welcome to the Brownfield Smart Licensing Conversion Tool Login with your cisco.com credentials to get started.

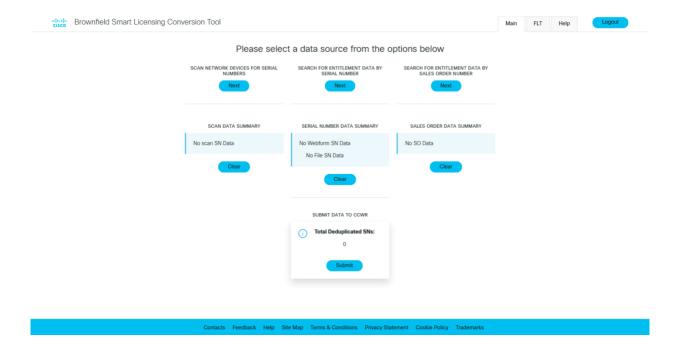




Note: The Customer SA Domain is optional for login however it aids in the generation of reports and email in later steps.

Understanding the main Cisco Brownfield Smart Licensing Tool workflow

After successful authentication you will be presented with the main user page as seen below.



All actions performed with Cisco Brownfield Smart Licensing Tool stem from this page. The workflow begins by collecting serial numbers via one or more methods listed across the top of the screen. The serial numbers are then deduplicated and sent to CCW-R via the submit button at the bottom of the page. At any time, serial numbers from any collection method can be cleared by pressing the associated clear button beneath the collection method.

Collecting Serial Numbers

Serial numbers can be collected using three methods:

- Live network scan
- User input (single search or CSV upload)
- Sales order number search

The Cisco Brownfield Smart Licensing Tool will aggregate all methods used for consolidated CCW-R search and report generation.

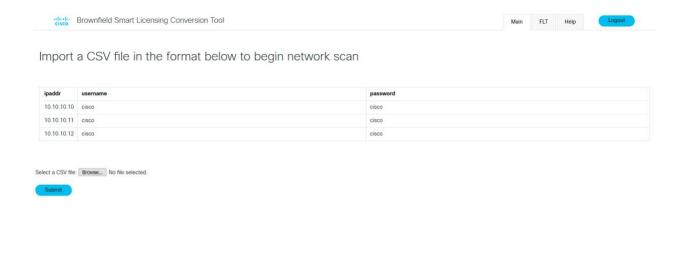
Live Network Scan

Live network scan is supported with all versions of IOS-XE. Other software such as IOS, NX-OS, and IOS-XR are not supported at this time. When using the live network scan function, it is required that Cisco Brownfield Smart Licensing Tool have IP reachability to the network devices being scanned. Click the "SCAN NETWORK DEVICES FOR SERIAL NUMBERS" next button to begin. Upon clicking the "next" button you will be required to upload a .CSV file with the device IP address, Username, and Password. The .CSV should be formatted like the below example:

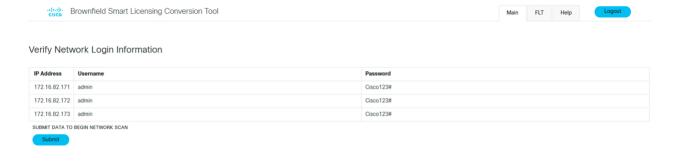
```
10.10.10.10.cisco,cisco
ipaddr,username,password
10.10.10.11,cisco,cisco
10.10.10.12,cisco,cisco
```

Note: Using a different header name in the .CSV will result in a failure. For instance, using the word user vs. username or IP address vs. ipaddr.

Click the browse button and select the .CSV file from your local file system and then click submit to proceed.

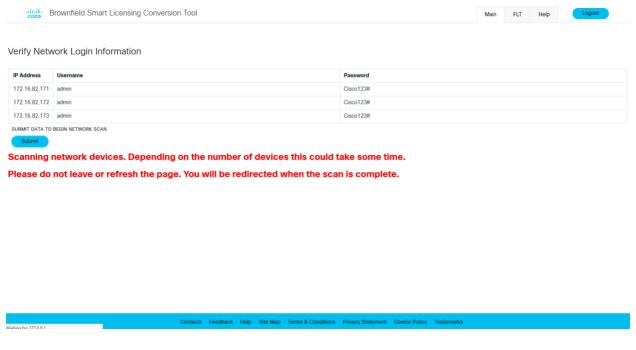


After submitting the .CSV file, you will be presented with a page to verify your login in information before beginning the scan.

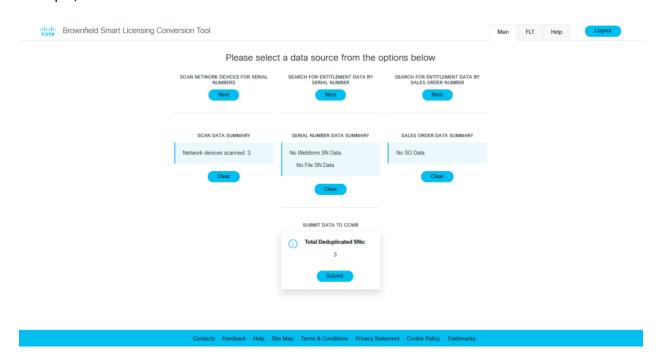


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After verifying that your information is correct, begin the scan by clicking submit. You will be informed that the scan is in progress. Do not navigate away from the page or refresh. You will be redirected when the scan is complete.

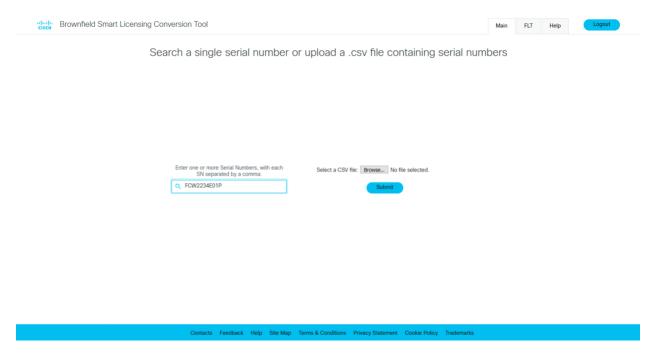


Upon completion of the scan, you will be redirected to the main page where you will now see the scan data summary box populated with the number of successfully scanned devices. In this example, the number is three.



User input (single search or CSV upload)

You can search for a single serial number or search multiple serial number by clicking the next button associated with "SEARCH FOR ENTITLEMENT DATA BY SERIAL NUMBER". Upon clicking "next" you will be presented with the serial number search function.



You can search an individual serial number by entering it into the text box on the left side of the page and clicking the magnifying glass on the left side of the box.

You can search for multiple serial numbers by uploading a .CSV file using the browse button and clicking the associated "submit" button.

Please note that the CSV file can have multiple columns with non-serial data; however, there must be at least one column with the word 'serial' in the header. If there is more than one column with the word 'serial' in the header, the tool will only analyze the first column.



At the completion of either search you will be redirected to the main page and the number of imported serial numbers will be displayed in the "SERIAL NUMBER DATA SUMMARY". In this example we have imported 750 serial numbers. One from the input box and 749 from the .CSV import.



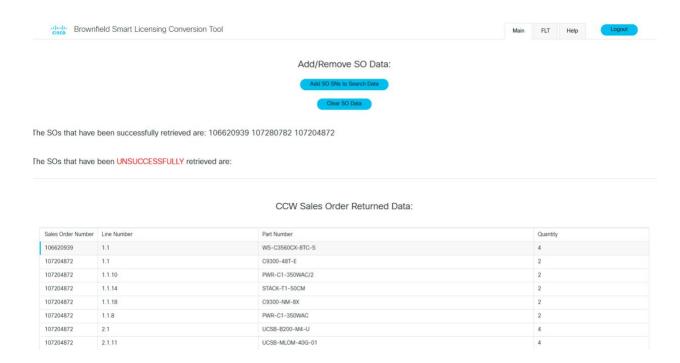
Note: The total deduplicated serial numbers show a total of 716. This is because our network scan data and serial number search contained duplicates.

Sales order number search

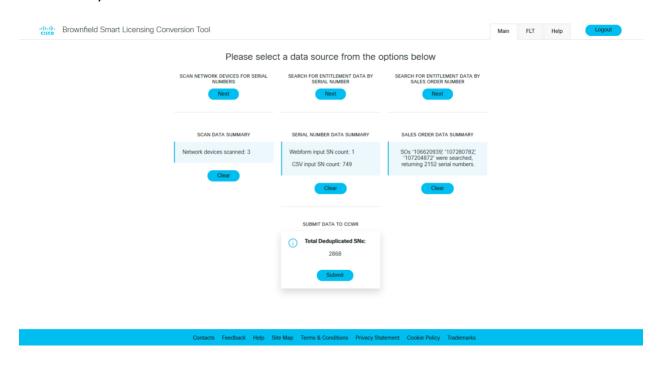
Finally, you can search by sales order number by clicking the 'next' button associated with the "SEARCH FOR ENTITLEMENT DATA BY SALES ORDER NUMBER". When you click the next button, you will be presented with the sales order search function.



You can search for a single sales order number or for multiple sales order numbers. When searching for multiple sales orders, sales order numbers should be comma separated. The search can be submitted by clicking the magnifying glass on the left side of the text box. Sales order search results will be displayed on the sales order results page.

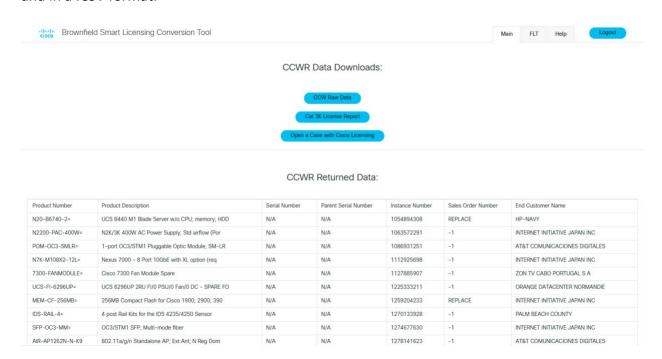


At this point you have the option to clear the data or add it to the overall search results. If you click the "Add SO SNs to Search Data" button you will be redirected to the main page with the new deduplicated and aggregated data. In this example we now have 2,868 serial numbers that we are ready to search.



Search Results

Clicking the "submit" button associated with the "Submit Data to CCWR" box will result in all aggregated serial numbers being sent to CCW-R. This search will return the results on screen and in a .CSV format.



The raw search data can be downloaded in a .CSV format by clicking on the "CCW Raw Data" button. If you are working an entitlement issue for Cisco Catalyst 3K products you can download a specific report for Cisco Catalyst 3K products only by clicking the "Cat 3K License Report" button.

Note: Any product not associated with the Catalyst 3K product family will not appear in the "Cat 3K License Report". The "CCW Raw Data" report should be downloaded for all other products.

Clicking the "Open a Case with Cisco Licensing" button will open up your default email client with an email template that can be used to submit a case with the Cisco Licensing team for smart licensing conversion. You will need to attach either the "CCW Raw Data" or "Cat 3K License Report" to this email before sending.