



Users

Store Update Import Users Add User

From: From To: To Type All Status All Organization All Orgs

Username First Name Last Name ID Clear Search

CP-Admin Manual

-INTERNAL-

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Applets

An applet is the user interface for using certain models related to a specific material. Each applet is connected to an algo app, and the models that will be running are the ones available in the active algo app version.

Create a new applet

1. Choose an existing applet with similar characteristics (similar market segment, material, etc.) and duplicate it
 - a. Search for the applet name and SCiO version you'd like to duplicate
 - b. Select one of the applets returned from the search, preferably an applet associated with General Org
 - c. Click on "Duplicate"

CP Production Admin

Applets Materials Apps Models Devices Scans Clients Groups Users Offline Orgs System

Applets ☐ Feed Front Only

	Title	Subtitle	SCiO Version	Status	Organization	
	Soybean	General Org - SCiO CUP-child	SCiO Cup	Active	General Org	
	Soybean	Vita Plus - SCiO Cup-child	SCiO Cup	Active	Vita Plus	
	Soybean	Agratronix - SCiO CUP - Child	SCiO Cup	Active	Agratronix	
	Soybeans	AGI - SCiO CUP - SW Integration	SCiO Cup	Active	AGI	
	Soybean	Feed Supervisor - SCiO CUP	SCiO Cup	Active	Feed Supervisor	

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Applets Materials Apps Models Devices Scans Clients Groups Users Offline Orgs System

Edit Applet - Soybean

Title

Badge

Internal Name

Subtitle

Theme Color

Status

Algo Type

Algo App

Organization

Clients

☐ Feed Front ☐ Custom ☐ Exclude from Feed ☐ Moisture Basis ☐ Show Intermediate Results

2. The duplicated applet will be created with the same parameters and a few changes:
 - a. Applet title will be the same with the suffix "-copy"
 - b. Applet status will be Inactive

3. Select a different algo app if needed
 - a. Once changing the algo app, all applet configurations will be resetted ("Configure")
4. Update all relevant information. Main items to pay attention to:
 - a. Details tab:
 - i. **Title** - applet name as it will appear in SCiO app
 - ii. Internal Name - usually same as title but with small case letters and underscores instead of spaces
 - iii. **Subtitle** - should include organization and other relevant information to help finding it when granting users access
 - iv. **Status** - Active / Inactive
 - v. **Organization** - If General Org is selected, the applet can be used for all organizations with self service level of "No Self Service" or "Reports". Organizations with higher self service level ("Reports & Users" or "Reports & Users & Applets") can only have applets that are associated to their organization
 - vi. **Feed Front** - defines whether the applet is independent (feed front checked) or a child applet that should be associated under a parent applet (feed front not checked). If the applet is not marked as "Feed Front", it must be associated with a parent applet which is marked as "Feed Front", and when granting permissions, the user must have access to both the parent and child / children applets in order to see them
 - vii. **Moisture Basis** - determines what is the "Standard Moisture Basis" of the applet and is used for all the parameters besides moisture. It is derived by a parameter on the algo app.
Relevant only for grain applets. For example - in Soybean the moisture basis is 13% so protein and oil results are displayed on 13% moisture basis. It means that the protein and oil models were built accordingly (reference data was given on 13% moisture basis).
If an algo app includes additional parameters for which moisture basis is not relevant for (e.g. oleic acid or a calculated parameters), the moisture basis feature should not be used and the standard moisture basis should be mentioned explicitly in the applet info.
 - viii. **Language** - make sure that the information in the other available languages is correct. Available languages besides English - Spanish, Portuguese, Russian. If the client's operating system is set for one of these languages, it will automatically be displayed in that language
 - b. About tab:

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Applets Materials Apps Models Devices Scans Clients Groups Users Offline Orgs System

Edit Applet - Soybean

English Children Batch Update Duplicate Configure Cancel Save

Details About Images Users User Groups

Template

Header

Body

Materials Included:
Soybean

Nutrients Available:
Moisture
Protein
Oil

Supported Result Ranges:
Moisture: 5-24%
Protein*: 29-40%
Oil*: 16-25%
*Based on 13% moisture.

Scanning Instructions

- Sample must be thoroughly mixed to create a representative sample.
- Note that this Applet is supported by the SCiO cup device only.
- Remove SCiO Cup cover and make sure the dome is clean.
- Fill the SCiO Cup with soybeans. Make sure that the beans level is higher than the level of the upper

- Template** - don't change
- Header** - keep the structure and change the relevant names and ranges
- Body** - keep the structure and change the relevant wording
- Language** - make sure that the information in the other available languages is correct. If the translation is not available, keep the other language's about tab empty so the default will be English

c. Images tab:

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Applets Materials Apps Models Devices Scans Clients Groups Users Offline Orgs System

Edit Applet - Soybean

English Children Batch Update Duplicate Configure Cancel Save

Details About Images Users User Groups

Image

Scan Image

- Image - applet icon in SCiO App
 - Scan image - the image that appears on the app in the scanning screen
5. Update "Configure" section. Main items to pay attention to:
- Facets tab:

APPLET CONFIGURATION

General **Facets** **Aggregate** **Parameters** **Tags** **Reports**

Portion Size Display Units ⓘ

Main Estimation Facet Unit Display ⓘ

```

{
  "facets": {
    "estimation_facet_units_display": "%"
  },
  "parameters": {
    "moisture": {
      "display_name": "Moisture",
      "displayed_precision": 1,
      "max_value": 28,
      "max_value_text": "Higher than",
      "min_value": 4,
      "min_value_text": "Lower than",
      "rounding_step": 0.1,
      "units_display": "%"
    },
    "oil": {
      "display_name": "Oil",
      "displayed_precision": 1,
      "max_value": 28,
      "max_value_text": "Higher than",
      "min_value": 15,
      "min_value_text": "Lower than",
      "rounding_step": 0.1,
      "units_display": "%"
    }
  }
}

```

- i. **Main Estimation Facet Unit Display** - units of the main estimation parameters defines by the applet's facets
- b. **Aggregate tab:**

APPLET CONFIGURATION

General **Facets** **Aggregate** **Parameters** **Tags** **Reports**

Enable Consecutive Scans ⓘ ☐

Aggregated Result Type ⓘ

Minimum Number of valid Scans ⓘ

Maximum Number of valid Scans ⓘ

User Define Number of Scans ⓘ ☐

- i. **Enable Consecutive Scans** - check if the applet should allow more than 1 scan before getting an analysis
- ii. **Aggregated Result Type** - make sure it is set to "Average"

- iii. **Minimum Number of valid Scans** - minimum number of valid scans the user is required to make before being able to get analysis result
 - iv. **Maximum Number of valid Scans** - has to be the same number as Minimum Number of valid Scans (bug), though the user can take more scans than the minimum number. Will be changed soon
 - v. **User Define Number of Scans** - keep unchecked
- c. Parameters tab:

APPLET CONFIGURATION

General Facets Aggregate Parameters Tags Reports

moisture - unified_moisture

Hide ⓘ	☐	Clear Param				
Unhide in Reports ⓘ	☐	Clear Param				
Display Name ⓘ	Moisture	Clear Param				
Units Display ⓘ	%	Clear Param				
Minimum Value ⓘ	4	Clear Param				
Minimum Value Text ⓘ	Lower than	Clear Param				
Maximum Value ⓘ	28	Clear Param				
Maximum Value Text ⓘ	Higher than	Clear Param				
Rounding Step ⓘ	0.1	Clear Param				
Displayed Precision ⓘ	1	Clear Param				
Daily Intake ⓘ		Clear Param				
Four Value Ranges ⓘ		Clear Param				
Named Value Ranges ⓘ	<table> <tr> <th>Start Value</th> <th>Name</th> </tr> <tr> <td> </td> <td> </td> </tr> </table>	Start Value	Name			Clear Param
Start Value	Name					
Add						

protein - unified_protein_13

oil - unified_oil_13

- i. **Hide** - check if the user should not see this parameter as part of the results
- ii. **Unhide in Reports** - allows to hide a parameter from the applet results in SCiO App but to display it in the Tableau / Dashboard reports. Relevant only if the parameter is checked as "Hide"
- iii. **Display Name** - Parameter name in SCiO App
- iv. **Units Display** - Units of the parameters
- v. **Minimum Value** - value for which if the model result is lower than, the app will not provide the exact result but a text like "lower than 4%". Recommended number to use is 20% less than the minimum range of the model
- vi. **Minimum Value Text** - the text associated with the minimum value. Recommended text - "Lower than"
- vii. **Maximum Value** - value for which if the model result is higher than, the app will not provide the exact result but a text like "higher than 28%". Recommended number to use is 20% higher than the maximum range of the model
- viii. **Maximum Value Text** - the text associated with the maximum value. Recommended text - "Higher than"
- ix. **Rounding Step** - to which rounding level the result should be rounded to (0.1 / 0.01 / 0.5 / etc.)
- x. **Displayed Precision** - how many digits to display after the decimal point in the result (1 / 2 / etc.)
- xi. **Daily Intake** - keep empty
- xii. **Four Value Ranges** - keep empty (relevant only for Produce Selector applets)
- xiii. **Named Value Ranges** - Relevant only if Heat Map feature is enabled. A division of the model range into 3:
 - 1. Lowest Start Value should be the minimum value used in "Minimum Value" and Name is "Low"
 - 2. Second Start Value should be a third of the model range and Name is "Medium"
 - 3. Highest Start Value should be two thirds of the range and Name is "High"
- d. Tags tab - scan attributes that appear before the scanning screen and are saved with each analysis:

APPLET CONFIGURATION

General Facets Aggregate Parameters Tags Reports

Add a new Attribute

Attribute Name String Required ☐ 

Attribute List

Location Location Required ☐  

- Attribute name** - name of the scan attribute. If choosing Location as the attribute type, name the attribute "Location"
 - Attribute type** - String / Boolean / Location
 - Required** - defined whether the attribute is mandatory for the user to fill or optional
 - Save icon** - select after defining the attribute
 - Delete icon** - an attribute cannot be deleted if the applet was used with this attribute
- e. Reports - choose which report features you'd like the applet to show:

APPLET CONFIGURATION

General Facets Aggregate Parameters Tags Reports

Trend ☒

Heat Map ☒

Dry Down Calculator ☐

- Trend** - track the results over time per location name
- Heat Map** - track the results on a map according to the range of the results defined by the "Named Value Ranges" section of the parameter configurations
- Dry Down Calculator** - not relevant

6. Update applet Facets:

Title	Subtitle	SCIO Version	Status	Organization
 Soybean	General Org - SCIO CUP-child	SCIO Cup	Active	General Org

Result Facets

Main Estimation Attributes  

Table  

Add a Note 

- Main Estimation Attributes** - select the parameter that should be displayed as the main result and add an image that will be displayed in the results screen

FACETS

Image



Main Attribute

protein

Main Attribute Description

protein is given on a 13% moisture basis

Save to Result

Cancel

- b. Table - relevant for applets with more than one parameter, defines the order for which the parameter results should be displayed in the table. Drag the parameter names according to the desired order.
If the parameters were changed (new parameter internal names), the table facet should be removed and added again

FACETS

Table Params

moisture

oil

protein

Table Asterisks

Save to Result

Cancel

Update existing applets

If any information needs to be updated in the applet, update it in the applet. If the applet is duplicated for other organizations / use cases, use the “Batch Update” feature to ensure all applets that are associated with the same algo app show the same information:

CP Production Admin

Applets Materials Apps Models Devices Scans Clients Groups Users Offline Orgs System

Edit Applet - Soybean English Children Batch Update Duplicate Configure Cancel Save

Details About Images Users User Groups

Title Soybean Badge None Internal Name Soybean

Subtitle General Org - SCiO CUP-child Theme Color b0e0e6

Status Active

Algo Type Analyze Algo App App_soybean_scio_cup - group_u2 Open App

Organization General Org Clients

android client for SCiO Compare application
android-cargill-reveal
android-consumer
android-consumer for internal users

☐ Feed Front ☐ Custom ☐ Exclude from Feed ☒ Moisture Basis ☐ Show Intermediate Results

Select the information that has been changed and needs to be updated: Languages, parameters (applet configure), fields (applet configure) and which applets should be updated. Make sure to select only applets that you are sure should be updated.

WIDGET BATCH UPDATE

About Languages

English
Chinese
Spanish
Portuguese

Parameters

moisture
protein
oil

Fields

Show Silage Pile Safety Message
Portion Size Display Units
Main Estimation Facet Unit Display
Enable Consecutive Scans
Aggregated Result Type
Minimum Number of valid Scans
Maximum Number of valid Scans
User Define Number of Scans
Scan Attributes
User Reports

Target Widgets

Grains (Corteva Corn - SCiO Cup - parent)
Grains (Corteva Soy - SCiO Cup - parent)
Soybean (Vita Plus - SCiO Cup-child)
Soybean (Agratronix - SCiO CUP - Child)
Soybean (Feed Supervisor - SCiO CUP)
Soybean (McCarty Family Farms - SCiO CUP)
Soybean (Chr Hansen - SCiO CUP)
Soybean (DFA Farm Supplies - SCiO CUP - Child)
Soybean (IAT - SCiO CUP-child)
Soybean (Seedburo - SCiO Cup - Child)
Soybean (LDD - SCiO CUP-child)
Soybean (General Org - SCiO CUP-multi scan)
Soybean (Yarvet - SCiO CUP-child)
Soybean (Corteva Corn - SCiO CUP-child)
Soybean (Offline Juniper - SCiO CUP)
Soybean (Offline Corteva - SCiO CUP)

Save Cancel

Materials

Relevant only for classification models built using the PyDK infrastructure.

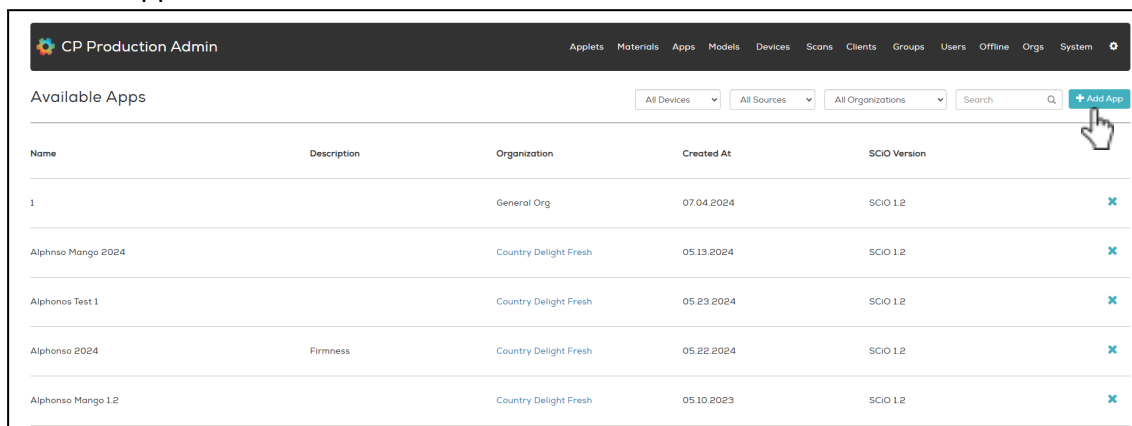
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Apps

The models that are published are managed via the Apps section using Algo Apps and Algo App Versions.

Add new algo app

1. Click on “Apps”



2. Click on “Add App”
3. Fill in the information:

Add Algo App Create Cancel

Details

Name

Description

SCiO Version

Moisture Basis %

Multiple SCiO Versions ☐

- a. Name - algo app name, usually use “App_<material name>_<SCiO version>”, for example - “App_soybean_scio_cup”
 - b. Description - additional information about the models
 - c. SCiO Version - select the version from the list, if the algo app should be for dual versions (like Cup 1.2 and Cup 100, or Mini 1.2 and Mini 2.0) check the “Multiple SCiO Versions” checkbox and select the correct group version
 - d. Moisture Basis % - optional, the moisture basis for which the model was built based on and would be the used as the “Standard Moisture Basis” in SCiO App. If moisture basis is not relevant for the algo app, leave it empty
4. Click on “Create”

Add new algo app version

Whether there’s an existing algo app for which a new version needs to be created for, or you just created a new algo app, the flow of adding a version is similar.

Before uploading the new version, make sure that all the relevant models are marked as “Approved” in SCiO Lab. In order to approve a model, the user that approves needs to have a “Models Approver” org role.

1. In the algo app page, click on “Edit: On”

Edit Algo App - APP_SOYBEAN_SICIO_CUP

Details Connected Applets (23)

Name: App_soybean_scio_cup

ID: f9b7096-c87b-4446-9849-7c58beeab6f3

Creator: ravid.itzhak@consumerphysics.com

Organization: General Org

Description: Combined Soybean app for Cup 1.2 and Cup 100 for protein, oil and moisture

SCiO Version: SCiO Cup

Created at: 2021-08-26T13:37:33.296-00:00

Moisture Basis %: 13

Multiple SCiO Versions

Upload version Add version

2. Click on “Add Version”
3. Select the Organization for which the algo app is associated with and the active version (if previous versions exist)

ADD ALGO APP VERSION

Select Organization: General Org

Select Version: App_Soybean_scio_cup_adsc_u2_v2_v13_230713_IN

Ok Cancel

4. Click on “Ok”
5. Fill in the information:

Add Version

Create Cancel

Version Number:

SCiO Version: SCiO Cup 100

Description:

Version Status: Inactive

Intensity Threshold: 0.2 Default

Ambient Threshold: 0.2 Default

Algo App: App_soybean_scio_cup

Parameters

	Parameter Name	Model ID	Target Attributes	SCiO Version	Model Name
☒	moisture	18ad8aa3-921f-45a2-8466-f0201d	unified_moisture	SCiO Cup 100	App_moisture_Soybean_scio_cup_adsc_u2_v2_v13_230713_INDO10_py_3_8
☒	oil	9f07afee-8825-4f06-a041-fe5ffddc	unified_oil_13	SCiO Cup 100	App_oil_Soybean_scio_cup_adsc_u2_v2_v13_230713_INDO10_py_3_8
☒	protein	b8d8a4c1-a5c0-4f5c-a02f-55250b	unified_protein_13	SCiO Cup 100	App_protein_Soybean_scio_cup_adsc_u2_v2_v13_230713_INDO10_py_3_8

Add Parameter

- a. Version Number - an indicative name for the algo app version. Best practice is to use this template: “<algo app name>_<version number>_<scio_version>_<additional_relevant info>_<date>”
 - b. SCiO Versions - select the correct version if the algo app is of multiple versions
 - c. Description - add relevant information
 - d. Version Status - always “Inactive” before creating the version, afterwards it can be changed to “Beta” or “Active”
 - e. Intensity Threshold - keep the default unless required otherwise
 - f. Ambient Threshold - keep the default unless required otherwise
6. Model ID - the IDs that are displayed are the ones from the previous version selected. Update the model ID per parameter by copying and pasting the ID from the model’s URL (the ID that appears after “model/” when viewing the model in SCiO Lab)
 7. Click in “Create”

8. Once created, click on the newly created version and once its page is displayed click on “Edit: On”
 - a. Change the “Version Status”:
 - i. Beta - allows permitting the applet that’s associated with the algo app in beta status to selected users for testing. When granting access to the applet, it has to be marked as “Beta”
 - ii. Active - the version becomes the default version used, while the previous version that was active becomes inactive. Any user that has access to the applet that’s associated with the algo app would automatically start using the new active version
 - b. Click on “Save”

Duplicate algo app

If an algo app needs to be duplicated, it can be done.

1. Go to the algo app that needs to be duplicated and click on “Copy”

Edit Algo App - APP_SOYBEAN_SCIO_CUP

Details Connected Applets (23)

Name: App_soybean_scio_cup

ID: ff987096-c878-4446-9849-7c58beeab6f3

Creator: ravid.itzhok@consumerphysics.com

Organization: General Org

Description: Combined Soybean app for Cup 1.2 and Cup 100 for protein, oil and moisture

SCIO Version: SCIO Cup

Created at: 2021-08-26T13:37:33.296+00:00

Moisture Basis %: 13

Multiple SCIO Versions

Buttons: Edit, On, Off, Copy, Save, Cancel, Upload version, Add version

2. The algo app would be duplicated with the active version. The name of the copied algo app would be “<algo app>_copy”

Models

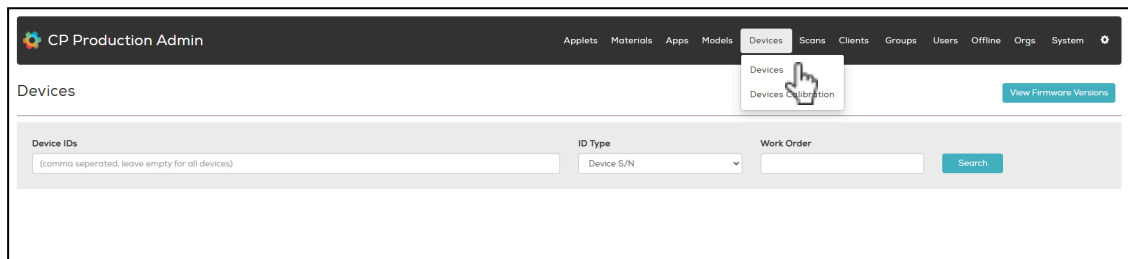
Outdated.

Devices

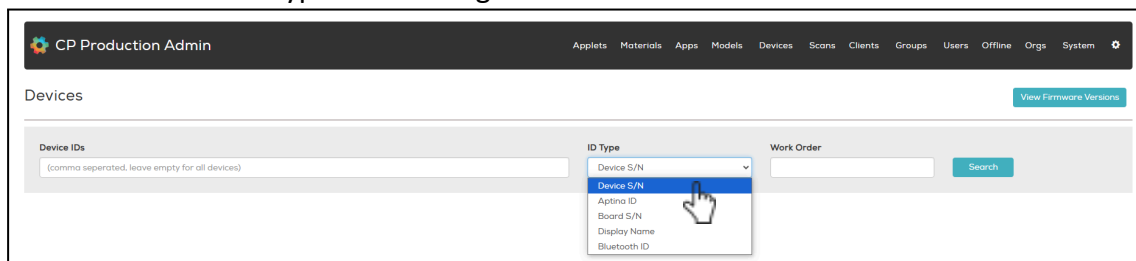
The “Devices” section is useful for getting information about devices that were manufactured.

Device search

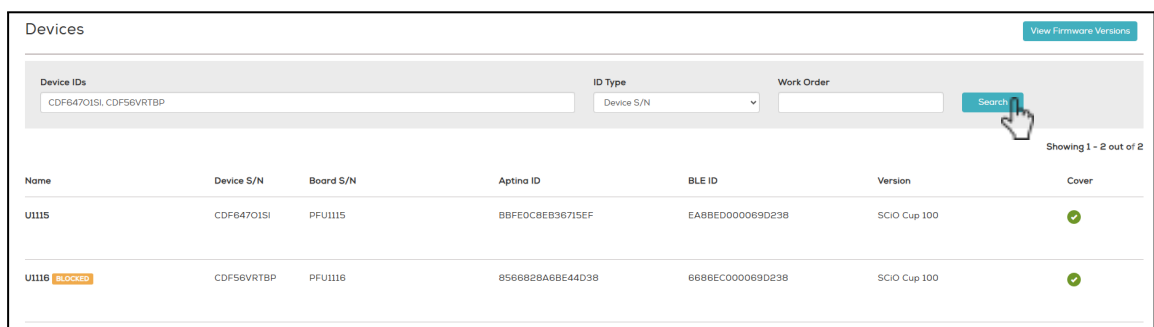
1. Click in “Devices” tab, then “Devices”



2. Paste a device serial number into the “Device IDs” field, or a list of device serial numbers separated by commas
3. Select the correct ID type that’s being searched



- a. Device S/N - serial number of the assembled device
 - b. Aptina ID - ID of the sensor, sometimes also referred to as Device ID or Hardware ID
 - c. Board S/N - serial number of the electronic board
 - d. Display Name - the internal name of the device as it was defined and uploaded to the cloud
 - e. Bluetooth ID - BLE ID of the device
4. Work Order - can be left empty
 5. Click on Search



Name	Device S/N	Board S/N	Aptina ID	BLE ID	Version	Cover
U1115	CDF6470ISL	PFU1115	BBFE0C8EB36715EF	EABBE000069D238	SCiO Cup 100	✓
U1116 BLOCKED	CDF56VRTBP	PFU1116	8566828A6BE44D38	6686EC00069D238	SCiO Cup 100	✓

6. Some basic information is displayed:
 - a. Mapping between the device SN and IDs of components in the device (like Name, Aptina ID, etc.)
 - b. Whether the device is blocked or not. If blocked, it would appear as the example above next to the device name. A blocked device cannot be used in the SCiO applications, instead a “license expired, contact support” message would appear on the screen if the user would try to operate it

7. To get more information, click on the device of interest

Devices

View Firmware Versions

Device IDs

CDF89NNJJQ

ID Type

Device S/N

Work Order

Search

Showing 1 - 1 out of 1

Name	Device S/N	Board S/N	Aptina ID	BLE ID	Version	Cover
U3091	CDF89NNJJQ	PFU3091	9ED68E9DC8FF471	1CBA9F000002E290	SCIO Cup 100	

- a. A window with additional information will be opened, including bias correction (if any), compression and post process (pp-tag) information.

EDIT DEVICE

Name

U3091

Board S/N

PFU3091

Aptina ID

9ED66E9DC88FF471

BLE ID

1CBA9F000002E290

Optical Head S/N

79cb2f8c-c879-48a1-a6a3-4079cee9d41b

Device S/N

CDF89NNJJQ

BAK

54,53,52,56,56,70,66,70,49,55,48,54,50,66,67,68,65,49

BEK

55,52,55,53,54,52,53,48,52,56,52,52,49,65,66,66,67,66

HUGO Compression Tag

SCiO Version

SCiO Cup 100

☐ Firmware Params Need Upgrade

Bias Corrections

Soybean jason@uasservice.com, 11.11.2024
oil:-0.6

Wheat jason@uasservice.com, 11.11.2024
protein:-0.7

Compression Data

20150812-aa:PRODUCTION

Firmware Parameters

Post Process Calibration Stream

20150812-aa:PRODUCTION

20220522

Testing Data

▶ 20150812-aa:PRODUCTION

20150812-aa:PRODUCTION

20150812-aa:PRODUCTION

Edit

Block

Close

Device calibration

Relevant only for SCiO Mini. The goal is to make sure a device would have pp-tag created and saved in the cloud for all possible tags it might need to use (according to published models that are active).

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1. Go to “Devices”, then select “Devices Calibration”

2. Paste the serial number of a device (or devices, separated by commas) into the “Device Serial Numbers” field

3. Click on “Calibrate”. The device calibrations would be created for any missing tag and once completed it will be displayed below with the status “Completed”

Scans

Search scans

To quickly find scans performed by a user / device, the “Scans” section can be used as a first review of the data.

1. Click on “Scans” and fill in the known information of interest. If nothing would be filled specifically, it would search for the last 10 records scanned in the last 1 hour as appears below. Any field can be left empty in order not to limit the results specifically

- a. Time frame - select a predefined time window or select “From To Dates” to use a customized one

- b. Record or Request ID - paste a specific record ID if known
- c. Username - paste the full username if known

The screenshot shows the 'Scans' search interface. It includes a 'From To Dates' dropdown, 'From' and 'To' date pickers (set to 18/10/2024 and 17/11/2024), a 'Record or Request ID' field, a 'Username' field (containing 'ec@consumerphysics.com'), a 'Device S/N' field (with a 'Start typing...' prompt), an 'App' dropdown, a 'Comment' checkbox, and a '#Results' field (set to 10). A 'Search' button is in the top right.

- d. Device S/N - paste the full device SN, once pasted it must be selected from the list that opens. Otherwise it will be ignored

This screenshot shows the 'Scans' search interface with the 'Device S/N' dropdown menu open. The menu displays a list of device serial numbers, with 'DF2617003B' highlighted. The '#Results' field now shows '10'.

- e. App - select the algo app from the list if known
 - f. Comment - check the checkbox if only scans with comments should be returned
 - g. #Results - limits the number of scans that are returned. Note that that information returned is by scans and not by analyses
2. Click on "Search", all relevant results that meet the filters criteria would be returned

The screenshot shows the 'Scans' search interface with the search results table displayed. The table has columns for Time, User, Batch ID, Request ID, App, Deleted, and Comment. The results show three scans for the user 'ec@consumerphysics.com'.

Time	User	Batch ID	Request ID	App	Deleted	Comment
14/11/24 15:34:05	ec@consumerphysics.com	61e8bc02-45e9-48cd-8fbe-9f3927a75733	1731591245341-cb038616-c151-4fb4-adac-d4cfe3ee4570	App_corteva_corn_moisture_scio_lab	false	
14/11/24 15:33:59	ec@consumerphysics.com	61e8bc02-45e9-48cd-8fbe-9f3927a75733	1731591240047-066f66c8-8495-4541-948f-dfde4e93ad0d	App_corteva_corn_moisture_scio_lab	false	
14/11/24 15:33:53	ec@consumerphysics.com	61e8bc02-45e9-48cd-8fbe-9f3927a75733	1731591233632-4537afbd-1656-4ce7-9f5e-d5e09643e4af	App_corteva_corn_moisture_scio_lab	false	

The interface also shows the search filters at the top, including the 'Device S/N' field set to 'DF2617003B' and the '#Results' field set to '100'. The 'Total Results' count is 13.

- To get more information on an individual scan, click on a specific result

Time	User	Batch ID	Request ID	App	Deleted	Comment
14/11/24 15:34:05	ec@consumerphysics.com	63e8bc02-45e9-48cd-8fbc-9f9927a75732	173159245340-c8298638-c251-49a4-cdb6-d44c75ea4570	App_consumer_physics_scan_job	false	

Record ID: 20301a1b-32cc-4555-9afc-3095ebc749d

Batch ID: 63e8bc02-45e9-48cd-8fbc-9f9927a75732

Client Scan ID: 173159245340c8298638c25149a4cdb6d44c75ea4570

Device Name: PFD07086L

Type: CFP Model Analysis

Request ID: 173159245340-c8298638-c251-49a4-cdb6-d44c75ea4570

White sampled at: 14/11/24 15:27:40

its Runtime Logstream: [cp-analyze-logstream-gmrf/its_log-day-14-11-2024-time-15-34-725040370485854492](#)

Model Results Logstream: [Click to Download](#)

its Offline Markab Format: [Click to Download](#)

GWR: false

In Scan Log: true

Is Outlier: false

Errors: None

Warnings: None

Algo App: [App_consumer_physics_scan_job](#)

Algo App Version:

Location: Lat: 32.1302583 Long: 34.852678 [Open Map](#)

Address: 4 Ha-Nagar Street, Hod Hasharon, Center District, Israel

Parameter	Value	Model Value
Moisture		
Parameter	Value	Model Value
Moisture	10.00 %	10.00 %

Comments: [✎](#) [✖](#)

Text: For x12d3



User Tagging

Name	Value
Location	52c82ea9-7501-4a78-903b-8b66f55e876b

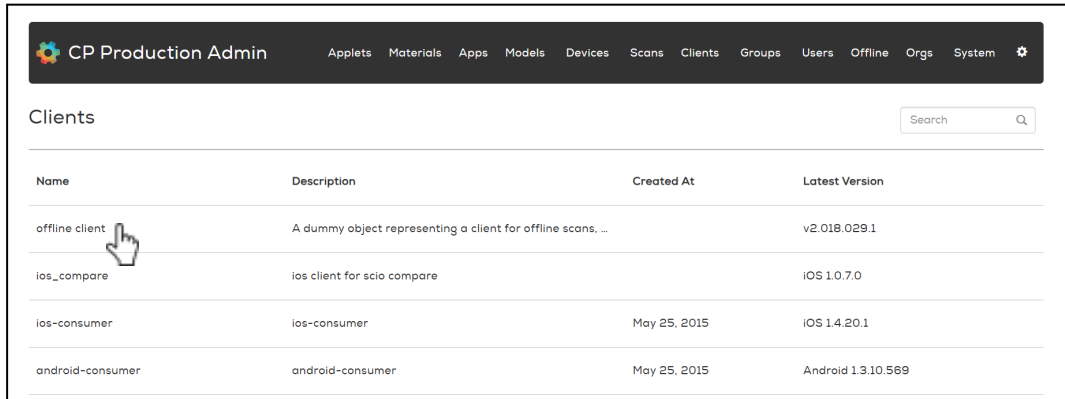
Clients

Lists the different client types and their versions. Relevant mainly for software integrations and the offline service used on plot combines.

Offline versions

- Click on "Clients"

2. Select “offline client”



CP Production Admin

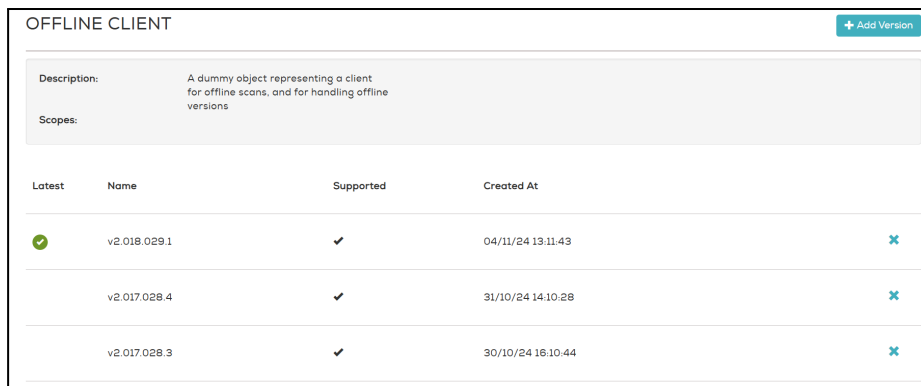
Applets Materials Apps Models Devices Scans Clients Groups Users Offline Orgs System

Clients

Search

Name	Description	Created At	Latest Version
offline client	A dummy object representing a client for offline scans, ...		v2.018.029.1
ios_compare	ios client for scio compare		iOS 1.0.7.0
ios-consumer	ios-consumer	May 25, 2015	iOS 1.4.20.1
android-consumer	android-consumer	May 25, 2015	Android 1.3.10.569

3. The version that’s marked as “Latest” is the latest version that was approved after testing. This should be the version that’s used to create new builds until another version is released, tested and marked as “Latest”



OFFLINE CLIENT

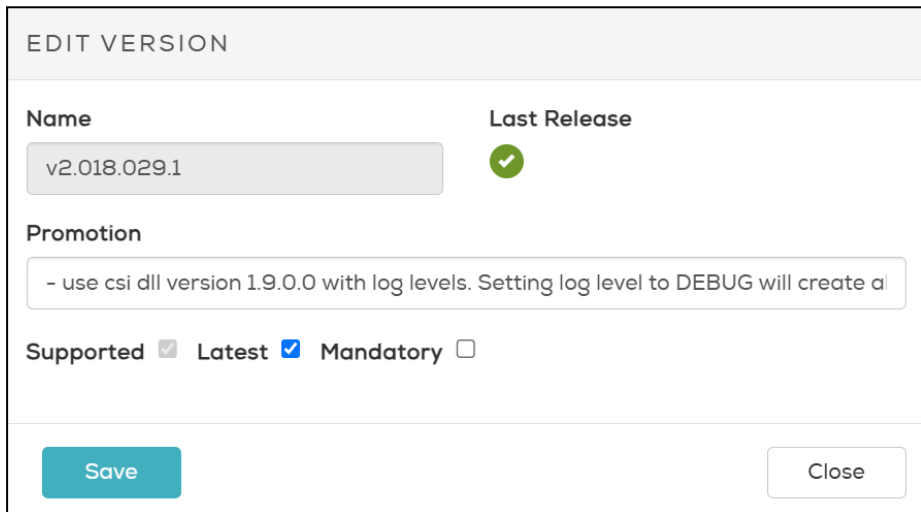
+ Add Version

Description: A dummy object representing a client for offline scans, and for handling offline versions

Scopes:

Latest	Name	Supported	Created At
✓	v2.018.029.1	✓	04/11/24 13:11:43
	v2.017.028.4	✓	31/10/24 14:10:28
	v2.017.028.3	✓	30/10/24 16:10:44

4. To view the main changes related to a specific version, click on the version number and see the promotion text:



EDIT VERSION

Name v2.018.029.1 Last Release ✓

Promotion - use csi dll version 1.9.0.0 with log levels. Setting log level to DEBUG will create a

Supported ☒ Latest ☒ Mandatory ☐

Save Close

Other Clients

If a software integration is implemented for a certain organization, it would appear as a new client.

Groups

Applet Groups

Applets can be grouped in order to streamline their association to users, as well as avoid mistakes. For example - when a user purchases a DAN license, they would need all the applets that were defined as part of this segment. Instead of granting access to these applets one by one, it is easier to create an applet group and associate that group to the user group.

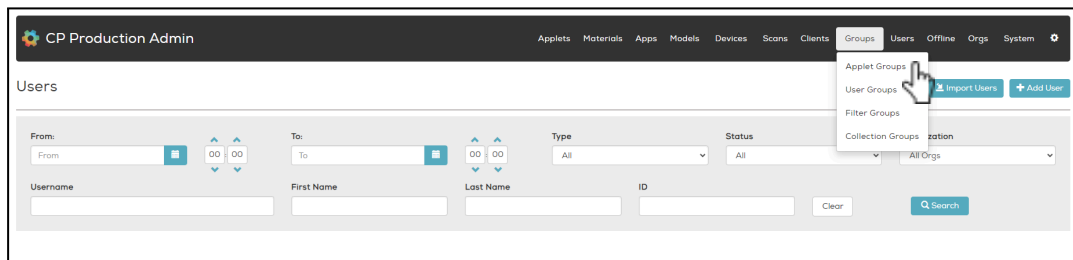
The applets within a group have to be associated with the same organization.

Main applet groups that are being used:

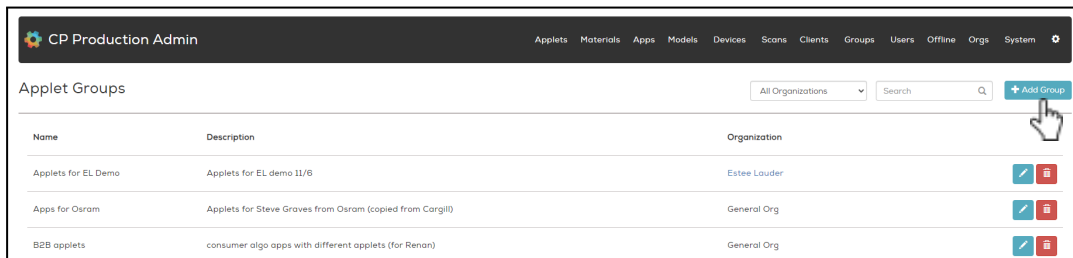
1. Cup Grains general - General Org grain applets for SCiO Cup
2. Cup Applets (Silage, fresh) - General Org DAN applets for SCiO Cup
3. Cup berries - General Org berry applets for SCiO Cup
4. B2B applets - Kickstarter SCiO Mini applets for users not associated with a specific market segment.

Create a new applet group

1. Click on “Groups” tab, then “Applet Groups”



2. Click on “Add Group”



3. Fill in the following information

Edit Applet Group Cup berries [Save] [Close]

Details | Users | User Groups

Name
Cup berries

Description
Cup berries applets - general

Organization
General Org

Applets
Select an Applet [Add Applet]

All SCiO Versions [Search]

☒ Blackberries	SCiO Cup 100 - General Org	General Org
☒ Blueberries	SCiO Cup 100 - General Org	General Org
☒ Raspberries	SCiO Cup 100 - General Org	General Org
☒ Strawberries	SCiO Cup 100 - General Org	General Org

- a. Name
- b. Description

- c. Organization - the organization the applets are associated with
 - d. Applets - find each applet that needs to be part of the group and select it, then click on “Add Applet”. Since there are multiple applets with the same name, make sure the applet you selected is the right one (according to the applet subtitle and device version)
 - e. Once all the applets were added, click on “Save”
4. In order to view who has access to an existing applet group, enter the applet group page and click on “Users” or “User Groups” tab
 - a. Users - users for which the applet group was granted to directly. This is not recommended as it is harder to follow which users have what permissions. It is always better to grant permissions to a user group rather than a user. If the required user group doesn’t exist, create a new one, even if it’s just for one user
 - b. User Groups - user groups for which the applet group was granted to
5. Once the applet group was created, it can be granted to user groups
 - a. Go to Groups -> User Groups
 - b. Find the required user group or create a new one if it doesn’t exist
 - c. Enter the user group page
 - d. Click on “Applet Groups” tab

- e. Find the applet group you would like to add to the user group and click on “Add”
- f. Click on “Save”
- g. All the users associated with the user group will now have access to the applets within the applet group that was assigned to them

User Groups

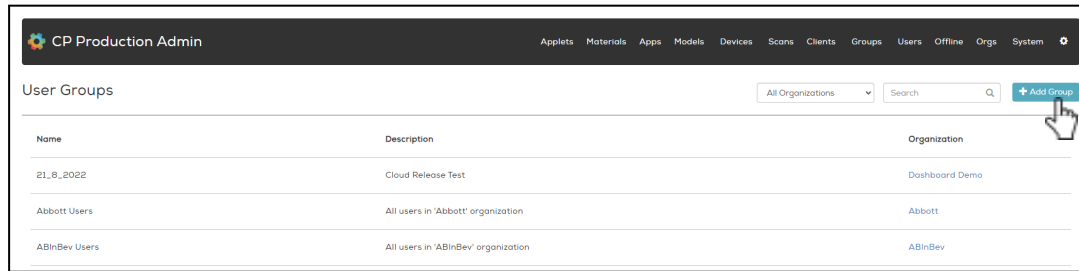
Users within the same organization can be associated with a user group in order to facilitate permission granting, such as Org Permissions (like Dashboard access), Applets, Applet Groups, Group Locations, etc.

In addition, each organization has a default user group, for which all the users in that org are associated with automatically. The default group name would be “<org name> Users” and the description would be “All users in '<org name>' organization”.

Create a new user group

1. Click on “Groups” tab, then “User Groups”

2. Click on “Add Group”



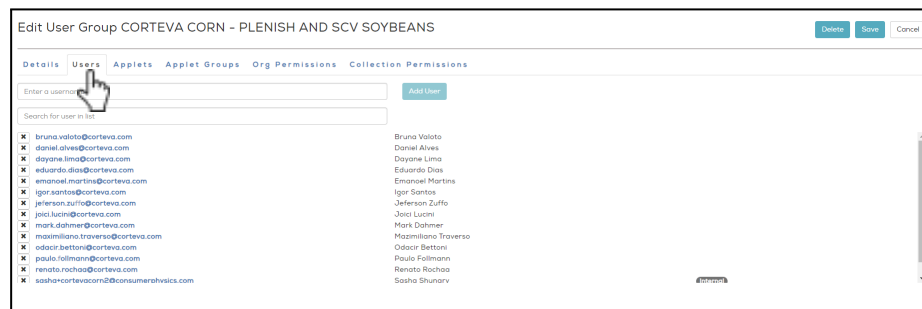
3. Fill in the following information:

The screenshot shows the 'Create User Group' form. It has a 'Details' tab selected. The form contains the following fields:

- Name:** A text input field.
- Description:** A text input field.
- Organization:** A dropdown menu with 'General Org' selected.
- Internal Group:** A checkbox.

At the top right of the form, there are 'Create' and 'Cancel' buttons. The 'Create' button is highlighted by a mouse cursor.

- Name
- Description
- Organization - the organization for which the users that will be added to the group are associated with
- Click on “Create”
- Find the user group and enter its page
- Click on “Users” tab



- Add all the relevant users by pasting their exact username into the “Enter a username” box and clicking on “Add User”
- Click on “Save”
- Depending on the purpose of the user group, the following permissions can be assigned to it:
 - Applets - add the required applets one by one. Note that only applets that belong to the same organization as the user group, or applets that belong to General Org, if the self service level of the user group organization is “No Self Service” or “Reports” can be associated with the group
 - Applet Groups - add the required applet groups. Same rules regarding the applet organization as in the applets point above
 - Org Permissions - there are different org permissions that can be granted on the user group level. The available roles are derived from the organization’s self service level. For example, the organization “Corteva - Corn” is in self service level of “Reports & Users”, so its

users cannot edit applets and this role is grayed out.

1. Applet Editor - create and edit applets via the portal
 2. Applet Assigner - assign applets to user groups via the portal
 3. Dashboard User - use the Enterprise Portal to view and download reports from the dashboard. Before assigning this role, it is necessary to check that this organization has a portal role in Tableau (check in this Tableau [report](#). If it doesn't have such role, reach out to SW team and ask them to add the organization)
 4. IFF Dashboard User - use the IFF portal to download reports from the dashboard
 5. Users Editor - create, edit and deactivate users via the portal
 6. User Location Editor - will be removed soon
 7. Filter Group Editor - create groups of users in the portal that can be used to easily filter users when looking into the dashboard reports
 8. Models Approver - relevant only for Developers / Researchers. Allows them to approve SCiO Lab models in order to use them in applets
 9. Bias Editor - allows users to add bias correction to devices. Users with such a role would see the analyses results before and after correcting the bias in reports they generate
 10. Spectra Viewer - download reports that include spectral data via the portal. Before granting this role, the user's organization has to be marked with "Enable BI Spectra" (so that the org's spectra would be loaded into the BI database)
 11. Mobile Logs Viewer - adds a new option for that user in SCiO App's main menu to "Email Logs". Relevant for in depth investigations needed for certain users that report on unexplained issues in SCiO App
- iv. Collection Permissions - relevant only for users of type Developer / Researcher. View to which SCiO Lab collection groups the user group is associated with

Filter Groups

Users within the same organization can be grouped into filter groups. The group contains only usernames.

The main proposes of the filter group:

1. View of reports in the portal for a group of users rather than all users or having to select the same specific users everytime. The usage is done by selecting the group

Consumer Physics proprietary and confidential

name under “Groups” filter in the portal

2. Fetch integration for a group users rather than the whole organization

Create a new filter group: CP-Admin

1. Click on “Groups” tab, then “Filter Groups”

2. Click on “Add Group”

Name	Description	Organization
osif	osif	Dashboard Demo
Daniel Borowski		Syngenta LATAM
Driscolls AUS self test	Users under Driscoll's Australia for self test reports	Driscolls
Driscolls Growers AUS self test	Users under Driscoll's Growers Australia for self test reports	Driscoll's Growers Sub

3. Fill in the following information:

- a. Name
- b. Description
- c. Organization - the organization for which the users that will be added to the group are associated with
- d. Click on “Create”
- e. Find the user group and enter its page

f. Click on “Users” tab

Details Users

Enter a username

Add User

Search for user in list

☒	ben.olson@syngenta.com	Ben Olson
☒	bryan.corbin@syngenta.com	Bryan Corbin
☒	cameron.mengedot@syngenta.com	Cameron Mengedot
☒	dennis.truesdale@syngenta.com	Dennis Truesdale
☒	dominic.johnson@syngenta.com	Dominic Johnson
☒	kurtis.winters@syngenta.com	Kurtis Winters
☒	kynlee.dub@syngenta.com	Kynlee Dub
☒	nelson.ploen@syngenta.com	Nelson Ploen
☒	regan.heine@syngenta.com	Regan Heine
☒	skyler.hager@syngenta.com	Skyler Hager
☒	steve.larsen@syngenta.com	Steve Larsen

- g. Add all the relevant users by pasting their exact username into the “Enter a username” box and clicking on “Add User”
- h. Click on “Save”

Create a new filter group: Enterprise Portal

In order for a customer to be able to create filter groups, they need to have Filter Group Editor permission assigned to their username. This can be done by entering the relevant user / user group page → Org Roles → Select Filter Group Editor, click Add and Save.

Once the user is logged into the portal:

1. Select “Users” tab

SYNGENTA DASHBOARD USERS

Overview

FROM 10/13/2024 TO 10/20/2024

Applets: Corn Ear Users: (All) Device Serial Number: (All) User Location: (All) Groups: (All)

168 Analyses 1 Applets 13 Users 15 Devices

2. Select “Filter Groups” tab

Users Filter Groups Search Q ADD FILTER GROUP

SYNGENTA SEEDBIN INTEGRATION

Syngenta users associated with SeedBin integration / created: Jul 04 2024 / 11 users

- a. If the required group exists, it can be edited by clicking on the group name. Users can be added / removed from the group, or the filter group can be deleted
- b. A new group can be created by clicking on “Add Filter Group”

Collection Groups

SCiO Lab collections can be grouped to facilitate permission granting to multiple users.

Create a new collection group

1. Click on “Groups” tab, then “Collection Groups”

CP Production Admin

Applets Materials Apps Models Devices Scans Clients Groups Users Offline Orgs System

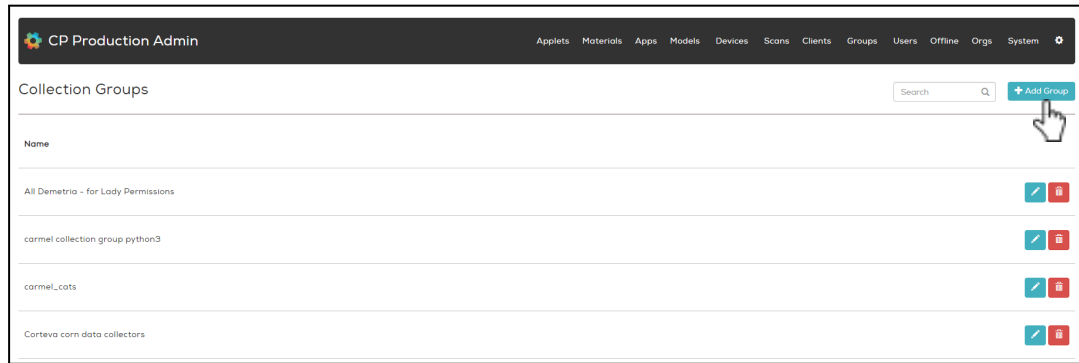
Users

From: To: Type: Status:

Username: First Name: Last Name: ID: Clear Search

Applet Groups User Groups Filter Groups Collection Groups Location

2. Click on “Add Group”



3. Fill in the following information:

The screenshot shows the 'Add Collection Group' form. It includes a 'Details' tab, a 'Name' text input field, and an 'Organization' dropdown menu. There are 'Create' and 'Cancel' buttons at the top right.

- Name
- Organization - the organization for which the users that will be added to the group are associated with

4. Click on “Create”

5. Add collections to the group:

The screenshot shows the 'Edit Collection Group - CORTEVA CORN DATA COLLECTORS' form. It includes a 'Details' tab, a 'Name' text input field, an 'Organization' dropdown menu, and a 'Select User' section with a 'Start typing the user name...' input field. Below this is a 'Select Collection' dropdown menu and an 'Add' button. At the bottom, there is a table listing collections with checkboxes, collection names, descriptions, owners, and versions.

	Collection	Description	Owner	Version
☒	2022_Corn_Model	Model Validation and Maintenance Collection Template	SCiO Corn	SCiO 1.2
☒	Corn_Model_Maintenance	Model Validation and Maintenance Collection Template III ...	SCiO Corn	SCiO 1.2

- Start typing the collection owner in “Select User” and choose the username once it appears on the screen
 - Select the collection from the collection list
 - Click on “Add”
 - Repeat for all the required collections
- Click on “Save”
 - Collection groups can be assigned to users. Enter the relevant user page → Collection Group Roles → Select the collection group, click Add and Save

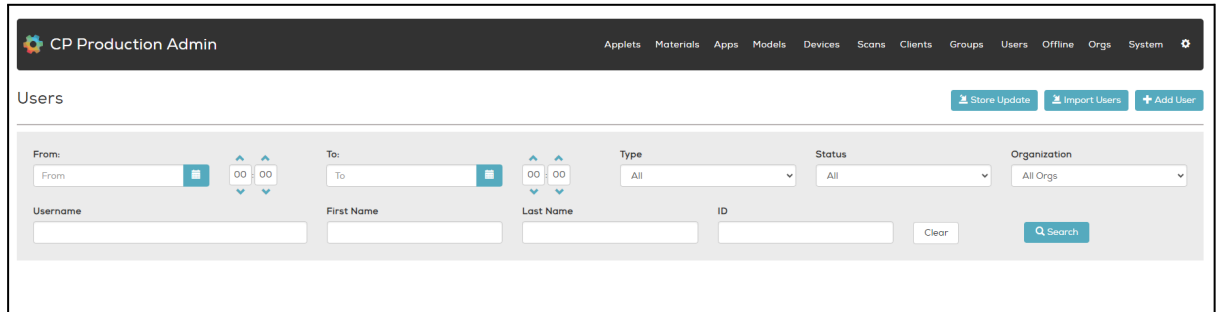
Users

Users are the base for permission management in SCiO’s platform. Logging into SCiO’s applications / portal can be done only if the email was created in the SCiO platform.

Everything that the user sees / features available for them is managed on the user level (or user group).

Create a new user

1. Click on “Users” tab

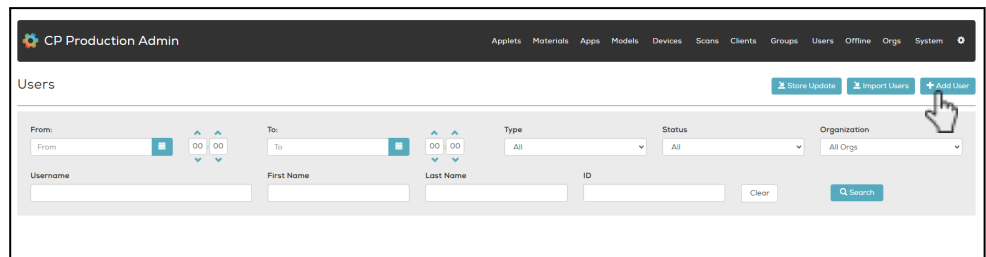


The screenshot shows the 'CP Production Admin' interface. At the top is a navigation bar with links: Applets, Materials, Apps, Models, Devices, Scans, Clients, Groups, Users, Offline, Orgs, System. Below the navigation bar, the 'Users' tab is selected. On the right side of the 'Users' section, there are three buttons: 'Store Update', 'Import Users', and '+ Add User'. Below these buttons is a search and filter area with fields for 'From:', 'To:', 'Type', 'Status', and 'Organization'. Each field has a dropdown menu. Below these fields are input fields for 'Username', 'First Name', 'Last Name', and 'ID', followed by a 'Clear' button and a 'Search' button.

2. Adding users can be done either one by one, or by importing a file

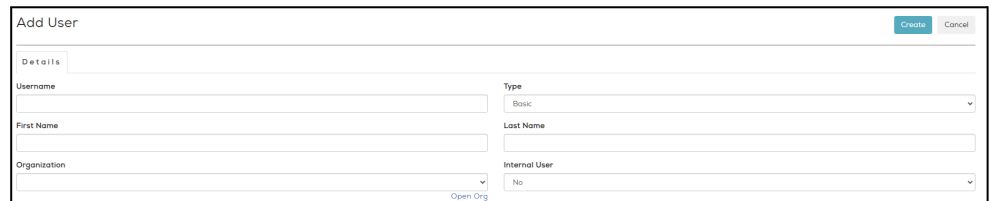
- a. Adding one user:

- i. Click on “Add User”



This screenshot is identical to the previous one, but a hand cursor is pointing at the '+ Add User' button, indicating the next step in the process.

- ii. Add the following information:



The 'Add User' form is displayed. It has a 'Details' tab selected. The form contains the following fields: 'Username' (text input), 'Type' (dropdown menu with 'Basic' selected), 'First Name' (text input), 'Last Name' (text input), 'Organization' (dropdown menu with 'All Orgs' selected), and 'Internal User' (checkbox, currently unchecked). There are 'Create' and 'Cancel' buttons at the top right. A small 'Open Org' link is visible at the bottom right.

1. Username: Email of the user
2. Type:
 - a. Basic - regular user with access to SCiO App, default selection
 - b. Developer - including also access to The Lab (a basic user cannot login to The Lab). Relevant for labs / partners we work with on data collection, or to users that purchase Developer account
 - c. Researcher - including access to download spectra in The Lab web application. Relevant mainly for users that purchase Researcher account
3. First Name
4. Last Name
5. Organization - select the organization the user should be associated with. If the organization doesn't exist, create one before creating the user

6. Internal User - select Yes only if the user is a SCiO internal user (employee), otherwise the default is No
- iii. Click on “Create”
- b. Importing users from a CSV:
 - i. Click on “Import Users”

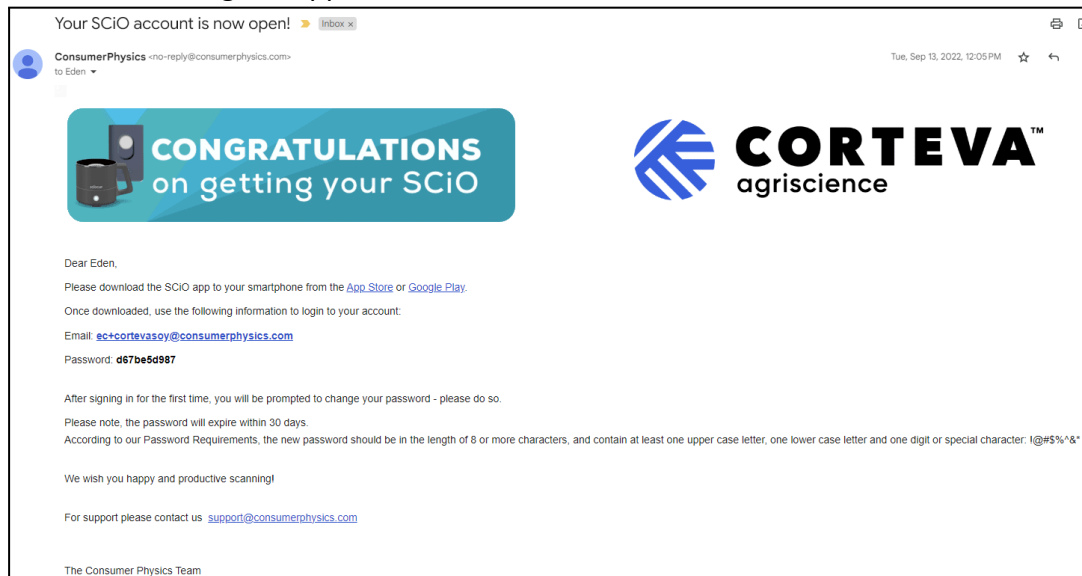
- ii. Fill in the information for all the new users in a CSV file (see example)

	A	B	C	D	E	F	G	H
1	email	first_name	last_name	send_email	user_type	collections_ids	main_org_internal_name	is_internal_user
2	carmelc+tesetdownload.consumerphysics.com	Carmel	Cohen	yes	basic		general_org	no
3								
4								
5								

- iii. Select the file in the “Choose File” selection and fill in your email

- iv. Click “Import”
3. The CP-Admin user that created the user will get an email notifying them if the user was created successfully or if any errors occurred
4. If the user creation was successful, their status will be “Sign Pending” and it will be added automatically to the default user group of the organization
5. The new user / users will get an onboarding email with links to download SCiO App or The Lab, depending on the user type, as well as an initial password. That password must be used in the first login to the app and then the user is requested to create a new password. Only after following these steps, and accepting the EULA (End User License Agreement) terms in the app, the user will change status to “Active” and be

able to start using the app



Granting access to users / user groups

Users can be associated with user groups in order to grant them access to applets or organization roles. It is not recommended to grant users direct access to applets or applet groups, but only via user groups. for user group management, navigate to “User Groups” section in this manual

Actions on user

1. Search for a user in “Users” tab and enter its user page

CP Production Admin

Applets Materials Apps Models Devices Scans Clients Groups Users Offline Orgs System

Edit User EDEN COHEN (ec@consumerphysics.com)

Actions Save Cancel

Details Applets Applet Groups Access Summary Org Roles Collection Roles Collection Group Roles Locations User Groups Filter Groups

Username: ec@consumerphysics.com

First Name: Eden

Status: Active

Internal User: Yes

Organization: General Org

Type: Admin

Last Name: Cohen

From Kickstarter?: No

User ID: 230c5408-2a15-4d25-8316-162b1690aeda

2. Click on “Actions” to select an action to take from the list:

Edit User EDEN COHEN (ec@consumerphysics.com)

Actions Save Cancel

Reset Password
Change Username
Copy Collection
Export Collection
Import Collection
Align Collection
Reset Collection Cache

Details Applets Applet Groups Access Summary Org Roles Collection Roles Collection Group Roles Locations User Groups Filter Groups

Username: ec@consumerphysics.com

First Name: Eden

Status: Active

Internal User: Yes

Organization: General Org

Type: Admin

Last Name: Cohen

From Kickstarter?: No

User ID: 230c5408-2a15-4d25-8316-162b1690aeda

- a. Reset Password - the user would receive an email with a new password

- b. Change Username - change the email associated with the user

CHANGE USERNAME

Current Username

ec@consumerphysics.com

New Username

Change

Close

- c. Copy Collection - relevant only for developers / researchers. Copy a collection from the user's collection list to a different user (target user). The copied collection is a duplication and not shared with the original user

COPY COLLECTION

Select a collection

1. NUPIGS GALERAS (724) ▼

Select a target user

ec@consumerphysics.com

Copy

Close

- d. Export Collection - relevant only for developers / researchers. Select a collection from the list to export so it can be imported into a new environment. The exported collection would create an export ID that can be used for the import
- e. Import Collection - paste the "Export ID" from the "Export Collection" stage and give the collection a new name

IMPORT COLLECTION

Export ID

New Collection Name

Import

Close

- f. Align Collection - relevant only for developers / researchers. Allows running different i2s (image to spec) tags on existing collections:

ALIGN COLLECTION

Select collection(s)

- 1. NUPIGS GALERAS (20161214)
- 1st Blood Test- 1st Serial Dilution (20161214)
- 2017-12 Powders Lab (20161214)
- 2GAR (20161214)
- 3Alb (20161214)
- ADSC100_tests2 (20181106)
- Archive 20190608 (20190110)
- ASS Steenderen (20161214)
- Baseline (20161214)
- Baseline_1 (20161214)
- Bierbostel Zoeterwoude (20161214)
- Bierbostel Zoeterwoude (copy) (20161214)
- bigfoot acceptance 190220 (20161214)
- bigfoot test (20161214)

Choose a new i2s Tag

☐ Overwrite Existing Collection

Comma seperated models IDs

Apply Close

- Select collections from the list
 - Choose the i2s tag to recreate the spectra by
 - Paste model IDs that need to be recreated with the new tag, if any
 - Check the “Overwrite Existing Collection” checkbox if you’d like the collection to keep the same ID, or unchecked to generate a new collection
 - Click on “Apply”. The job would run in the background and a popup would appear on the screen once completed
- g. Reset Collection Cache - relevant only for developers / researchers. Can help when the collection cache is stuck or the user receives error messages when trying to access collections

View user permissions

3. Search for a user in “Users” tab and enter its user page

CP Production Admin

Applets Materials Apps Models Devices Scans Clients Groups Users Offline Orgs System

Edit User EDEN COHEN (ec<corneasoy@consumerphysics.com)

Actions + Save Cancel

Details Applets Applet Groups Access Summary Org Roles Collection Roles Collection Group Roles Locations User Groups Filter Groups

Username: ec<corneasoy@consumerphysics.com

Type: Basic

First Name: Eden

Last Name: Cohen

Status: Active

From Kickstarter?: No

Internal User: Yes

User ID: 46cdeb75-0088-44db-b7a7-2e8b503bc9f2

Organization: CorTeVa - Soy

Open Org

- Applets: View and manage direct access of applets for the user
- Applet Groups: View and manage direct access of applet groups for the user

- c. **Access Summary:** View the summary of all the applets granted for this user by SCiO Version

- d. **Org Roles:** View and manage organization roles for the user
- e. **Collection Group Roles:** View and manage collection roles for the user
- f. **Locations:** View and edit user locations
- g. **User Groups:** View which user groups the user is associated with
- h. **Filter Groups:** View which filter groups the user is associated with

Offline

Devices built to be integrated on-combine using our offline software service are considered as offline devices. The devices are considered as users, as each device that has been activated needs to be created as an “offline user”, associated with an offline organization and with the relevant applets.

Create a new offline device

1. Go to “Offline” tab and click on “Add Offline Device”

2. Fill in the information

The screenshot shows the 'Add Offline Device' form in the 'CP Production Admin' system. The form includes fields for 'Device S/N', 'First Name', 'Last Name', 'Internal User' (a dropdown menu with 'No' selected), 'Organization' (a dropdown menu), and 'License End' (a date field). There are 'Actions', 'Create', and 'Back' buttons at the top right. A 'Details' tab is active on the left.

- i. Device S/N: Serial number of the device that needs to be created
- ii. First Name: Company name or other relevant information
- iii. Last Name: Combine type (if known) or other relevant information
- iv. Internal User: No (unless the device is used internally)
- v. Organization: Select offline organization for which the device should be associated with
- vi. License End: Expiration date of the license
- vii. Click on "Create"

Once the offline device is created, different actions can be performed on it as well as information that can be gathered by viewing its page:

The screenshot shows the 'Edit Offline Device' page for device 'pdfz1q7a3u_96b7d90ef7fa3126@offline.scio'. It has tabs for 'Details', 'Applets', 'Applet Groups', 'Access Summary', 'User Groups', and 'Offline Installations'. The 'Offline Installations' tab is active, showing a table of installations.

Creation	Version	End Date	SA Key ID	SA Key Valid
3/11/24 14:50:39	v2.017.028.3	5/4/25 0:00:00	b3e1bd704f33dabed3d94a328401248ab0ac1c46	✓
21/10/24 14:42:05	v2.017.028.2	5/4/25 0:00:00	b3e1bd704f33dabed3d94a328401248ab0ac1c46	✓
20/10/24 10:39:29	v2.017.027.5	5/4/25 0:00:00	b3e1bd704f33dabed3d94a328401248ab0ac1c46	✓

Details, Applets, Applet Groups, Access Summary, User Groups - same as in regular users. Offline Installations - view offline builds that were created for that device, including information about when they were created, the software version and the license expiration date. Clicking on a specific build opens more information about it, such as the exact algo app versions and a link to download the installation:

The screenshot shows the detailed view of an offline installation. It includes a table with columns for 'Creation', 'Version', 'End Date', 'SA Key ID', and 'SA Key Valid'. Below the table, there is a detailed view of the selected installation, showing the version number, created by, and a list of applets and their versions.

Creation	Version	End Date	SA Key ID	SA Key Valid
3/11/24 14:50:39	v2.017.028.3	5/4/25 0:00:00	b3e1bd704f33dabed3d94a328401248ab0ac1c46	✓

Version Number: v2.017.028.3

Created By: amitai@consumerphysics.com

Barley: Global_barley_v2_290824_PLSR_NN_INOD_10

CSR Soybean: App_Soybean_Plenish_SCV_Unified_v3_240709

Corn: App_Corn_grains_adsc_u2_v2_230808_INOD10

Corn Grains Alpha: App_Corn_grains_scio_cup_v2_220922_INOD10_py_3_8

Green Chop Corn: App_Animal_feed_scio_cup_fresh_corn_silage_adsc_u2_v2_v15_230920_indo_10_py_3_8

Plenish Soybean: App_Plenish_Soybean_adsc_u2_v2_v4_240709

Soybean: App_Soybean_scio_cup_adsc_u2_v2_v13_230719_INOD10_py_3_8

Wheat: APP_WHEAT_GRAINS_ADSC_U2_V2_V7_090424_INOD_10

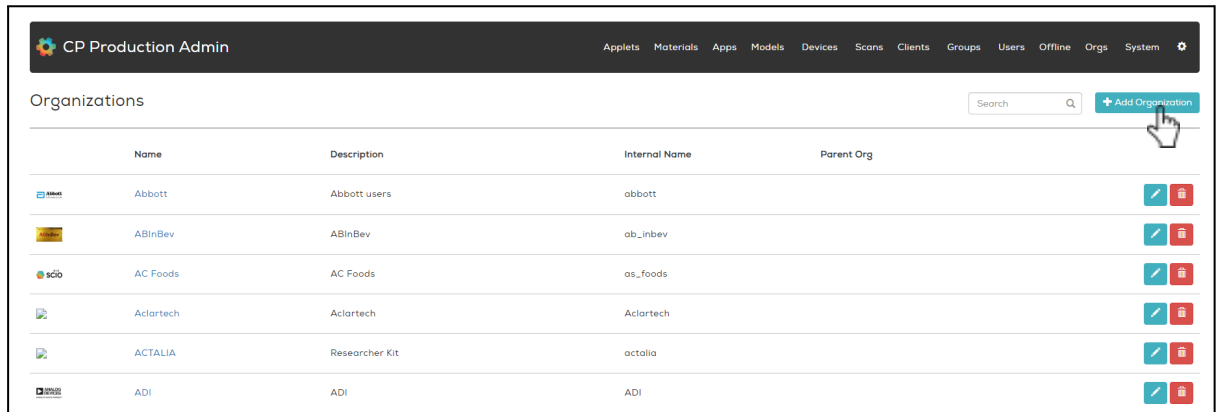
[Download](#)

Orgs

Organization is the entity in our system that groups users, mainly from a certain company. Data security and permissions are relying on the assumption that users from the same organization can share their data with other users in their organization.

Create a new organization

1. Go to “Orgs” tab and click on “Add Organization”



2. Fill in the information below:

The screenshot shows the 'Create Organization' form. It includes fields for Name, Internal Name, Description, Admin User, Site URL, and Image. There are also dropdown menus for Self Service Level and Default User Group. Checkboxes for 'Send feedback mails to organization Admin', 'Offline', and 'Enable BI Spectra' are at the bottom right.

- a. Name: Organization name
- b. Internal Name: Same as organization name with 2 rules:
 - i. Only small case letters
 - ii. No spaces - use underscore (“_”) instead
- c. Description: A few words that describe the organization
- d. Self Service Level: There are 4 levels. Organizations can always be upgraded to a higher level, but cannot be downgraded.
 - i. No Self Service - no additional features are available, can use general org applets
 - ii. Reports - access to the Enterprise Portal, can use general org applets
 - iii. Reports & Users - access to the Enterprise Portal and to create and edit users of the organization. Applets must be associated with the organization

- iv. Reports & Users & Applets - access to the Enterprise Portal, to create and edit users of the organization and to create and assign applets. Applets must be associated with the organization
 - e. Admin User: The user from which onboarding emails are sent from and feedback emails are sent to. SCiO's support email is used by default, if the organization wants to use a different email it is possible to change it
 - f. Site URL: Link to the company's website, optional
 - g. Image: Logo of the company, appears in the app and portal
 - h. Checkboxes:
 - i. Send feedback mails to organization Admin - if checked and the org admin is different from SCiO's support email, the feedback emails users can send from the app will be sent to the org admin
 - ii. Offline - check if the organization is for on-combine devices
 - iii. Enable BI Spectra - check if the organization needs to have access to download reports that include the spectra (in the portal)
3. Click on "Save"

Organization page

There are different actions / displays available on the org page:

1. Details - all the basic information related to the organization

Edit Organization - CorTeva - Soy [Save] [Close]

Details | User Permissions | Roles | Email Template | Applets | Sub Orgs

Name: CorTeva - Soy

Internal Name: corTEVA_soy

Description: CorTeva - Soy

Self Service Level: Reports

Admin User: support@consumerphysics.com

Default User Group: CorTeva - Soy Users

Site URL:

Image:

☐ Send feedback mails to organization Admin

☐ Offline

☐ Enable BI Spectra

2. User Permissions - view org roles by user

Edit Organization - CorTeva - Soy [Save] [Close]

Details | **User Permissions** | Roles | Email Template | Applets | Sub Orgs

Search for user in list

User	Roles
Nick Authier (nick.authier@corTEVA.com)	User Locations Editor
Clayton Bettis (clayton.bettis@corTEVA.com)	User Locations Editor
Allison Carr (allison.carr@corTEVA.com)	User Locations Editor
Grain & Forage Characterization (gfc@corTEVA.com)	User Locations Editor
Mark Charlet (mark.charlet@corTEVA.com)	User Locations Editor
Eden Cohen (ec+corTEVASoy@consumerphysics.com)	Bias Editor
	Dashboard User
	User Locations Editor

3. Roles - view org roles by role

Edit Organization - CorTeva - Soy

Details User Permissions Roles Email Template Applets Sub Orgs

Search for role in list

Role	Users
Bias Editor	Eden Cohen
Dashboard User	Eden Cohen
	Sasha Corteva Soy
	JOHN EVERARD
	John Everard
	Keith Schechinger
	Tara Slaminko
User Locations Editor	Nick Authier
	Clayton Bettis
	Allison Carr

4. Email Template - control the content of the onboarding email sent to newly created users

Edit Organization - CorTeva - Soy

Details User Permissions Roles Email Template Applets Sub Orgs

Save and Send Test Email Save Close

Send Email to User ☒

Send Email to Admin ☒

Sender Email ☒ Default

Subject ☒ Default

Support Text ☒ Default

Sender Name ☒ Default

Signature Text ☒ Default

Support Email ☒ Default

5. Applets - view applets that are associated with the organization. Note that the order they appear in this tab is the order they would appear in SCiO App by SCiO version. To change applet order, click on the 3 dots next to an applet name and drag it to the right place. The order of the general applets should be according to this [guide](#)

Edit Organization - CorTeva - Soy

Details User Permissions Roles Email Template Applets Sub Orgs

Search for widgets in list

	Title	Subtitle	SCiO Version	Status	
	Grains	Corteva Soy - SCiO Cup - parent	group_u2	Active	
	CSR Soybean	Corteva Soy - SCiO CUP-child	adsc_U2_V2	Active	
	Plenish Soybean	Corteva Soy - SCiO CUP-child	adsc_U2_V2	Active	
	SCV Soybean	Corteva Soy - SCiO CUP-child	adsc_U2_V2	Active	
	CSR	Corteva Soy - SCiO CUP-child - to delete (no sample ID)	adsc_U2_V2	Inactive	

6. Sub Orgs - view if the organization has any sub org under it

System

Jobs and audit information can be obtained.

All jobs

1. Click on “System”, then “All Jobs”

CP Production Admin

Applets Materials Apps Models Devices Scans Clients Groups Users Offline Orgs System

Jobs

Autorefresh: On

Last 1 Hour

Username: Request ID: Job ID: Clear

Name: Queue: TestUsers: Search

Running (0) Completed (19) Queued (0) Failed (0) Killed (0) Latest (0)

Queue	Name	Queue Time	Progress	TimeStamp	User
-------	------	------------	----------	-----------	------

- a. Fill in the interesting information and search to find the status of a certain job. For example, the jobs below were completed by the username pasted:

Jobs

Autorefresh: On

Last 1 Hour

Username: ec@consumerphysics.com Request ID: Job ID: Clear

Name: Queue: TestUsers: Search

Running (0) Completed (2) Queued (0) Failed (0) Killed (0) Latest (0)

Queue	Name	Total Time	Run Time	Queue Time	TimeStamp	User
lot_validation_production_gcp	create_calibration_stream_for_devic	24.7s	12.4s	12.4s	17/11/24 12:07:13	ec@consumerphysics.com
lot_validation_production_gcp	create_calibration_stream_for_devic	24.2s	11.9s	12.4s	17/11/24 12:07:13	ec@consumerphysics.com

User jobs

1. Click on “System”, then “User Jobs”

CP Production Admin

Applets Materials Apps Models Devices Scans Clients Groups Users Offline Orgs System

Latest ec@consumerphysics.com Jobs (for 48 last hours)

Running (0) Completed (0) Queued (0) Failed (0) Killed (0) Latest (0)

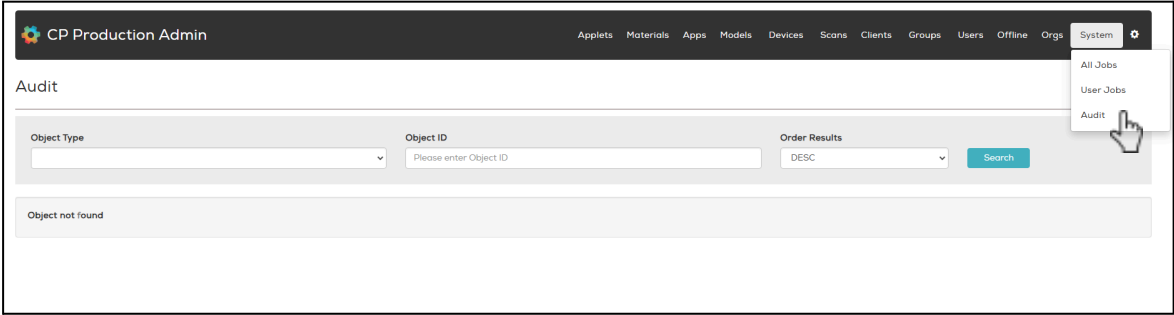
Queue	Name	Queue Time	Progress	TimeStamp	User
-------	------	------------	----------	-----------	------

2. Find information about jobs that were running in the last 48 hours by the CP-Admin user that is logged in

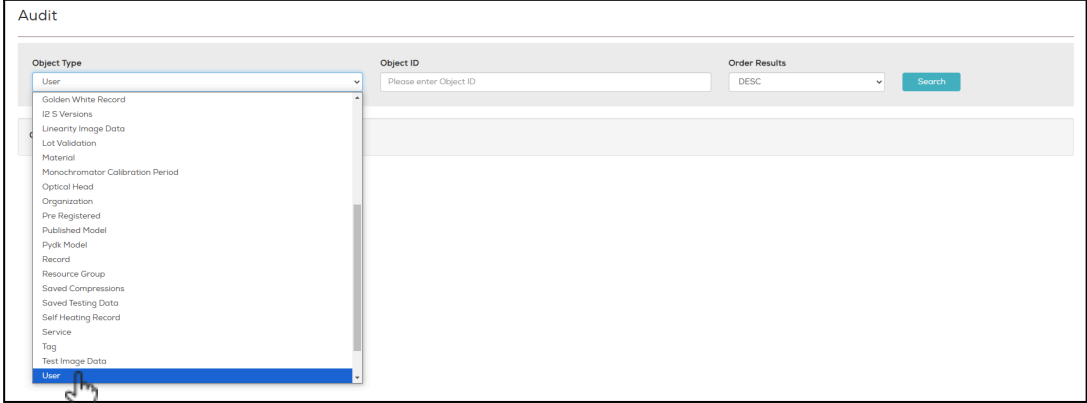
Audit

Track changes on different objects.

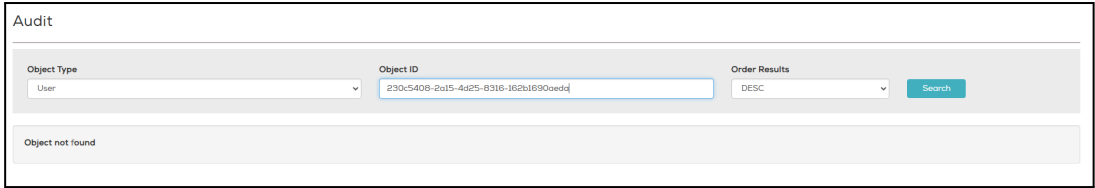
1. Click on “System”, then “Audit”



a. Object Type - select the type from the list. For example - “User”



b. Object ID - paste the ID of the object, for example the user ID



c. Click on “Search”. All changes done on the user would be displayed, clicking on each action opens a window with more information

