COROB Cloud

Quick Guide for Installation, Configuration and Use

Software Version: 5.3.1

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THE CLOUD

The **COROB Cloud** is a modern and safe way to share information. This area allows you to upload and store the customer's formulation database and program themes.

It is the area to which TOUCH&TINT, EASYTINT and TRUEcolor users "sync" to download and access the formulation database, program themes, and more.

The **COROB Cloud** environment uses the most modern protection technology.

We protect your know-how and your right to privacy. No one else can access the passwords and databases, if not through the profile with which they have been uploaded.

All passwords and database codes are also created by modern password creation systems. They are automatically generated.

COROB Cloud Address: www.corob-cloud.com

LANGUAGE SUPPORT

COROB Cloud supports the features in English[default], Italian, Chinese and Spanish language.

REGISTRATION

It is possible to register on the site by clicking on **Create an account** and following the steps using a **business email address**.

Registration (new company)

- If the company is new and does not exist within that country, the user will receive the following error message when clicking on the **Register** button.
- In such a case, he needs to click on the link "**click here**", as seen in the pop-up message.
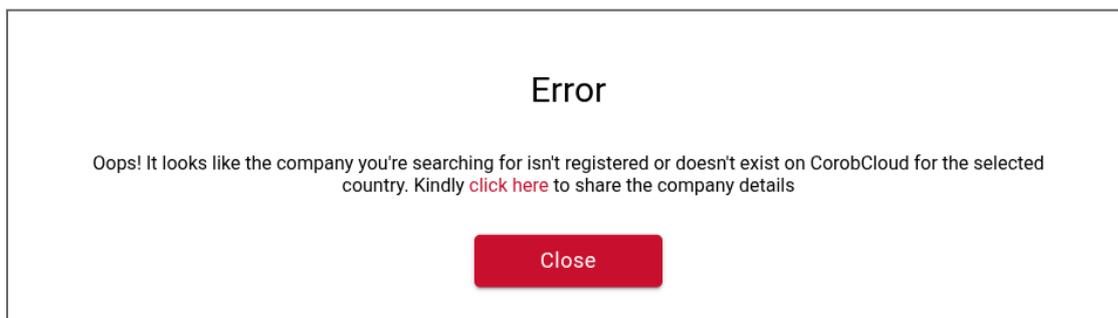
- On clicking the link, the user will be redirected to the company registration request form. If one fills out and clicks on the send request, a pop-up will appear as below:
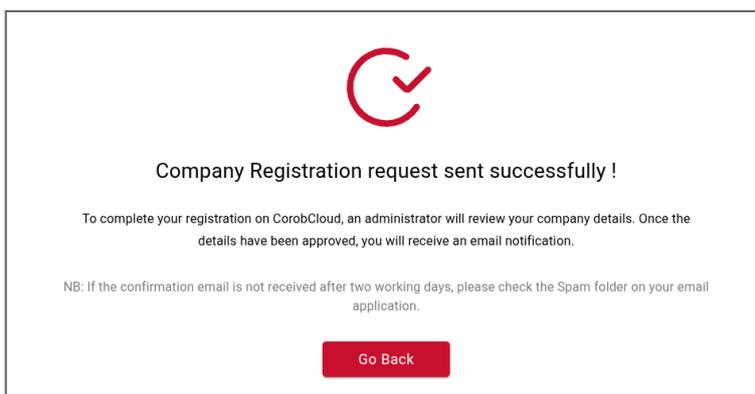
- An email will be received from COROB after the company is activated.
- The user needs to click on the link shared in the email to register the new workspace account for which the company is being created.

Registration of new account (Workspace) for existing company

- The user will have to re-register with the activated company.
- Once registration details are filled out and the request button is clicked, the user will receive a pop-up as shown in the image.
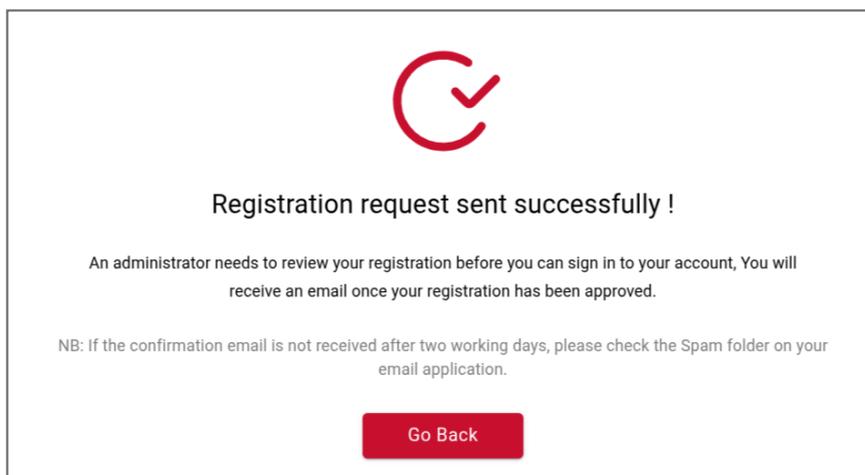
Registration of a new account/workspace

- An email will be received from COROB after the account is activated.

Hi ____ d!
Your registration has been reviewed and your account has been activated.
To sign in, use the following link: http://
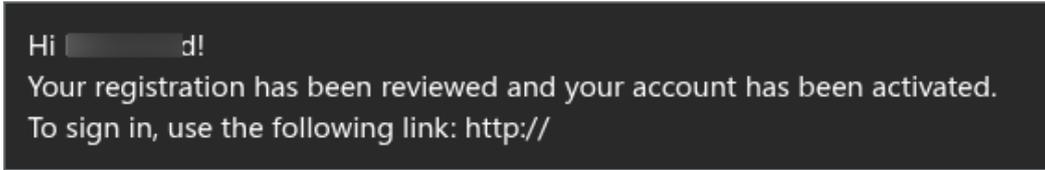
- The user needs to click the link, which will redirect them to the login page.
- Fill in the email ID and password for a successful login.
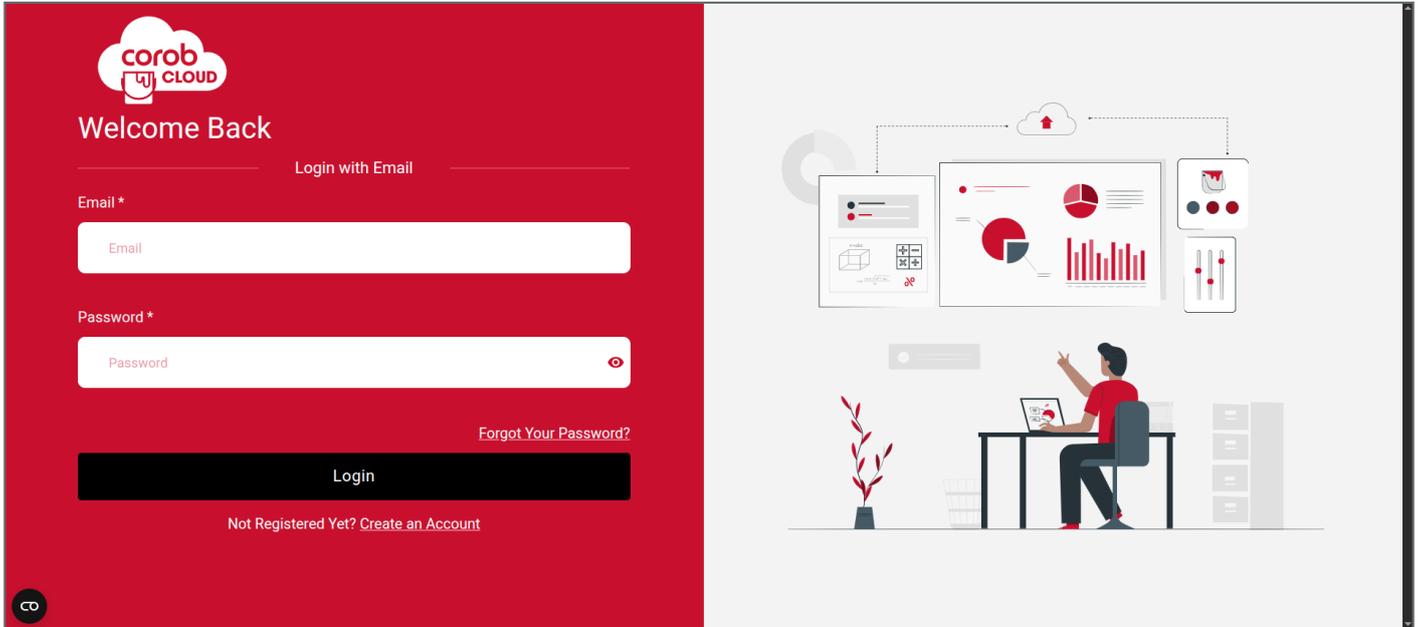
PASSWORD RESET

In case the user forgets the password, the below steps must be followed:

User must click *Forgot Your Password?* link. He will be redirected to a new screen to enter the **email address** associated with the account and must click *Send* for further processing.

Users will see a **pop-up notification** confirming that a password reset email has been sent.
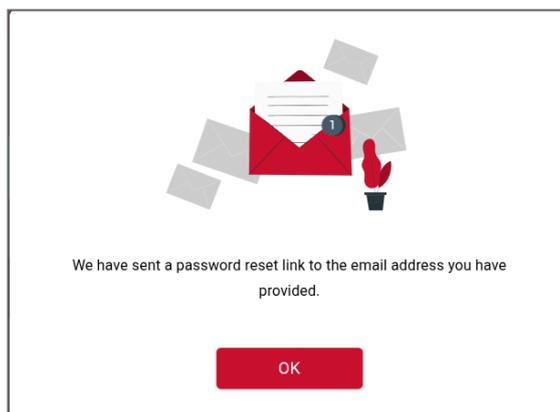
Check your inbox for a password reset email. Click the *reset password link* provided in the email.

After clicking the link, the user will be redirected to a form, to enter a **new password** and confirm it. Then click *Reset Password*.

8 - PASSWORD RESET

A pop-up will confirm that your password has been successfully reset. On clicking login button, the user will be automatically redirected back to the login screen. Now he can use a new password to log in.
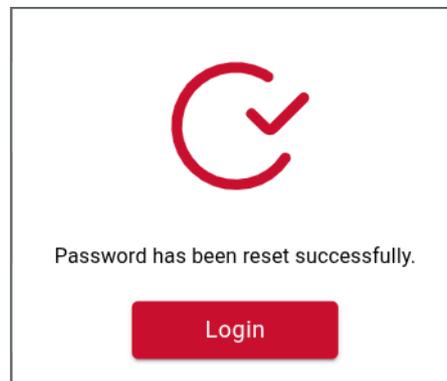
COROBCLOUD

WORKSPACE USERS

The **Workspace Users** section is only available to the administrator.

On this page, the administrator can manage all the users included in the group.

The administrator must first create the users and then associate the relevant permissions.

Icon	Meaning
✏️	To edit user permissions
🔑	To request a password change for the user
🗑️	To delete the selected user

REQUEST PERMISSIONS

- By clicking **Request Permission**, the workspace admin can request permissions that are not granted for his workspace. This is possible by selecting permissions and clicking the **send** button.

- The user will receive a pop-up to wait for approval.

- On granting permission, the user will receive an email with the approved permissions. This permission will be granted after a successful re-login.

CREATE A NEW USER

For each user, set the following information:

- email
- company
- password.

By enabling the permissions (Databases, Analytics, Themes and Graphs), the user will be allowed to see and work with the corresponding sections.

The user permissions can be changed at any time, even later.

NOTE
The workspace admin user should add business email address for the other users sharing the same workspace.
Here the admin can grant or deny permission to the remaining users, as per requirement.

EDIT EXISTING USER RIGHTS

On clicking the ***Change*** icon, the admin can edit the permissions of existing workspace users. The users will need to re-login to see the updated access rights granted.

XDATA BUCKET LIST

Once logged, the XDATA management section will be shown. Xdata collects tint system and prices in a single bundle file.

It is possible to see a list of the user's XDATA databases by selecting the option **XDATA | Buckets**.

XDATA MANAGEMENT

In this section, users can manage XData buckets using the following two primary options:

- **Create New** – To create a new database bucket
- **Download Log** – To download database usage reports

General information

- Each **XData bucket** (database) has a **unique system-generated code**.
- An **unlimited number of XData buckets** can be created.
- Clicking on the **XData name** redirects the user to the **XData Management** page for that specific bucket.

Functional options

Create New Bucket

- Click on **(+) Create New** to initiate bucket creation.
- A prompt will appear asking the user to **enter a bucket name**.
- Upon creation, the system automatically assigns a **unique code**.
- This code is essential for **importing databases into POS (shops)**.

Rename Bucket

- The ability to **edit or update the bucket name is available to admin users only.**

Delete Bucket

- There is a provision to **delete existing XData buckets** associated with the workspace, based on permission levels.

Download Logs

- By clicking **Download Log**, the user can generate a report showing:
  - Which **POS (Point of Sale)** is using which version of the database.
  - Helpful for version tracking and auditing.

Database upload

The database code is unique within the whole system.

It lets the programs (i.e., TRUEcolor and TOUCH&TINT) identify which database to use.

From the **Xdata upload** section, it is possible to upload a database file (i.e., an XDATA bundle generated from the XDATA converter tool).

Users can now upload XDATA files that include colorant barcodes, base barcodes, refill barcodes, and UFI codes. These codes can be imported into the POS system and used with the upcoming barcode and UFI scan feature, making it easier to quickly identify and process scanned data. Now users can upload an encrypted or Xdata file that contains information about base images too.

New database versions can be created by uploading:

- a zipped GDATA folder

or

- a TRUEcolor export file

or

- an XData bundle file

On successful upload of Xdata, the user gets notified on the screen.

When a new tinting system database is ready, it must be uploaded to **COROB Cloud** using the following steps:

1. Click the ***Choose File*** button.
2. Select the XDATA file.
3. Click ***Upload XDATA*** to complete the upload.

Client Notification and Update

Once a new database version is available, **clients are notified automatically.**

They can then upgrade their tinting system with the **latest XDATA version.**

On Successful Update, the following options are visible (refer to the previous image):

1. View latest tint system version info
2. Download the uploaded database version
3. Delete a specific database version
4. Offline installation support
   - If a client requires offline installation (not connected to COROB Cloud), the database version can be **downloaded and updated from local disk.**
   - You can also enforce the update by enabling the ***Mandatory Update for Clients*** toggle.

5. **2FA (Two-Factor Authentication) toggle**

   - This new option ensures that only **authorized service engineers** can perform actions.

   - When enabled, an OTP is sent to the **registered mobile number** of the service engineer.

   - Details of Service Engineer module are explained in the following pages.

6. **Download bucket in encrypted or decrypted form**

   - The bucket can now be downloaded in either **encrypted or decrypted format**, based on your preference.

GDATA CONVERSION

To facilitate the **migration from the old GDATA tinting system**, COROB Cloud converts the databases automatically when they are uploaded onto the site.

All management tasks related to the tinting system (updates, changes, etc.) must be done with **CorobLAB software**.

As new versions of the tinting system (i.e., new GDATA versions) are ready to be distributed, they must be uploaded onto COROB Cloud, which will convert them and create a new database version.

XDATA ANALYTICS

By **analytics**, we mean the record of dispensed orders.

Analytics data will be available in the **CLOUD** only if the dispensing application in the shop (TOUCH&TINT or TRUEcolor or EASYTINT) is enabled to record this information and send it to the cloud (via an internet connection).

For each bucket, it is possible to consult the history of dispensing operations for each shop.

Here, the analytics are categorized into:

1. **Buckets** – showing a graphical representation of the tinting history for each bucket.
2. **Locations** – showing a graphical representation of the tinting history for each shop location.

Based on the selection made, all the graphs will be available to the user on a single screen.
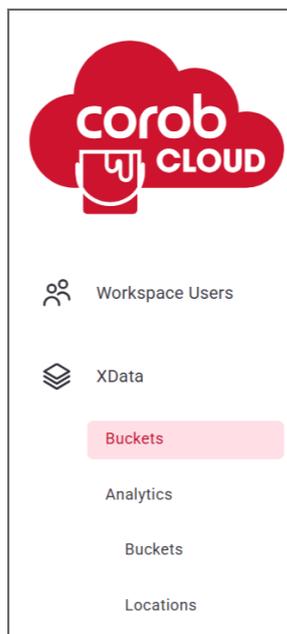
! NOTE
To handle all Analytics data correctly from the CLOUD, make sure all your shops have enabled this function!

BUCKETS ANALYTICS

Here, for each Xdata bucket, the records get populated only if regular syncing is happening at the shop level via an internet connection.

To check analytics bucket-wise, we need to select the respective bucket code.
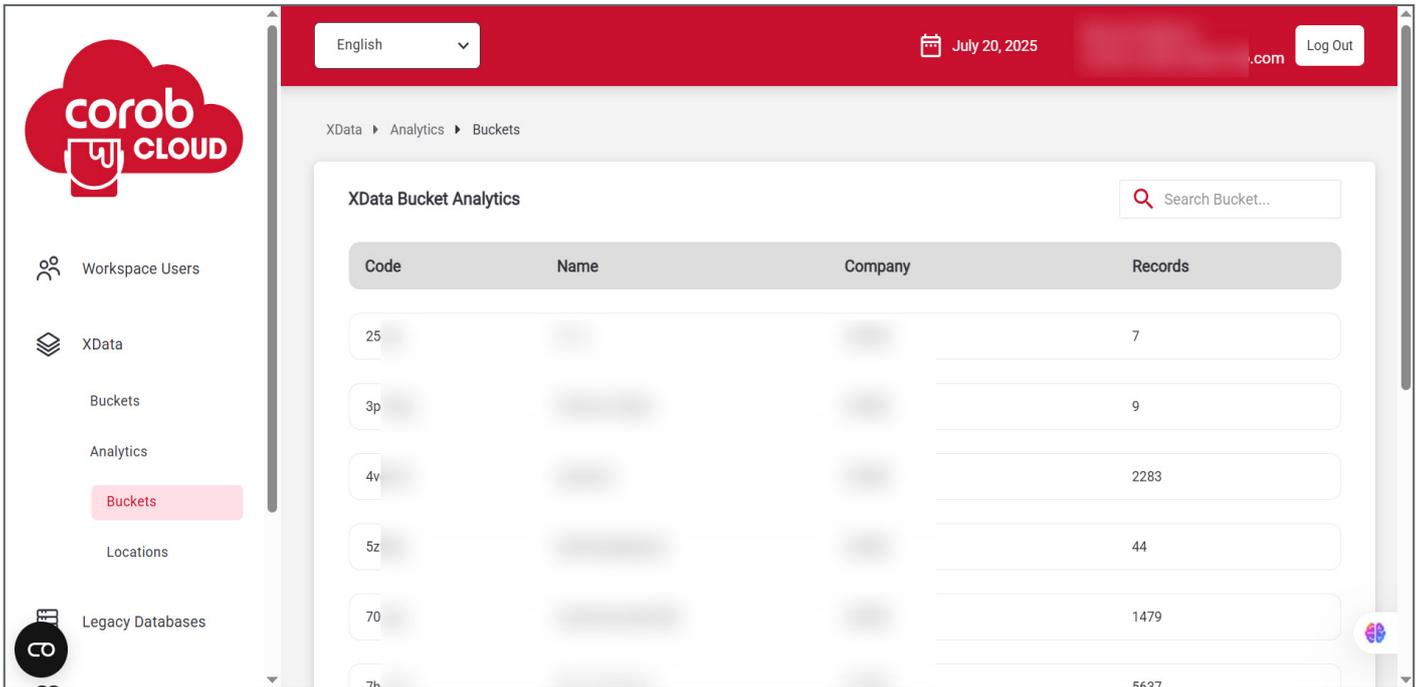
Selected bucket details

The user can access detailed insights including:

1. **Bucket Details** – View bucket code, version, data usage, and real-time last sync status.

2. **Shop Openings** – Track the number of newly opened shops, with a dedicated list for those opened this year.

3. **Bucket Import Locations** – Identify all locations where buckets have been imported.

4. **Tinted Volume Metrics** – Monitor total and average tinted volumes (in litres), with filter options by timeframe: *This Year, This Month, Last Year, Last Month.*

5. **Machine Deployment Stats** – Access categorized counts of deployed machines by type: *New Version, Old Version, and POS applications.*
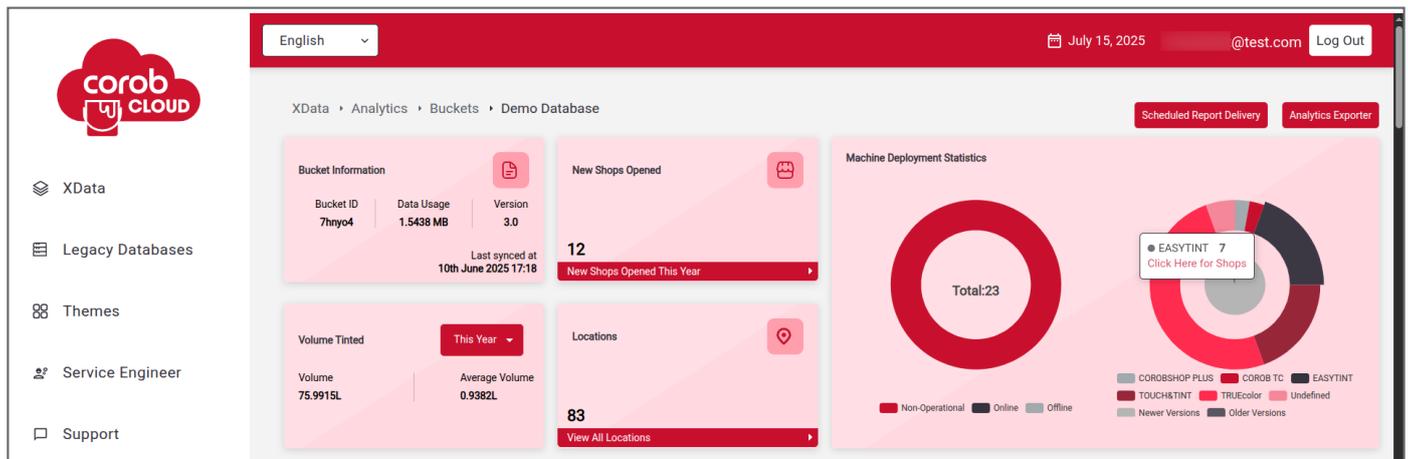
Sales volume and trend

The user can access comprehensive sales and deployment insights through the following features:

1. **Sales Volume Visualization** – View graphical representations of sales volume, with custom time-period filters applicable to each individual graph.

2. **Toggle View Options** – Switch between order count and litres sold to analyze data from different perspectives.

3. **Sales Trend Insights** – Observe sales trends displayed in either graphical or tabular format for better clarity.

4. **Data Export** – Export both graphical and tabular datasets to Excel for offline analysis or reporting.

5. **Bucket Version Deployment** – Analyze bucket version deployment trends using a dedicated module with date range filters: *This Month, This Year, Last Month, Last Year.*
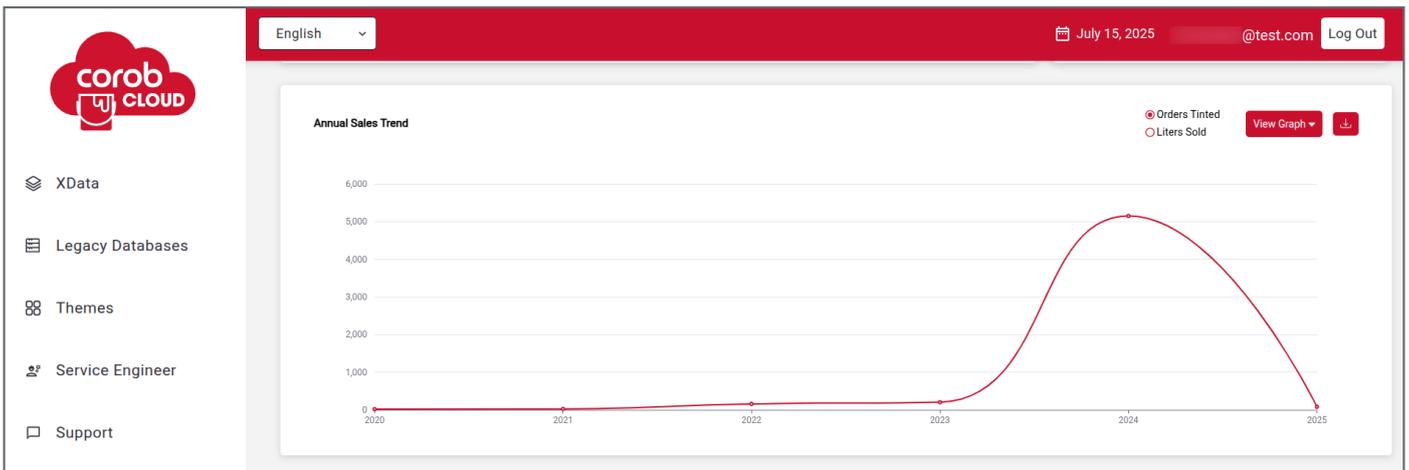
Top sales statistics

Gain deep insights into sales performance across Colors, Subproducts, and Bases with the following capabilities:

1. **Ranked Sales Breakdown**
   - Displays ranking of each Color, Subproduct, and Base based on commercial sales value.
   - Toggle between views based on **Order Count** or **Litres Sold**.

2. **Flexible Time Filters**
   - Filter data by: *This Quarter, Last Quarter, This Month, Last Month, This Year, Last Year.*

3. **Color Visualization**
   - Actual colors are rendered using **RGB values** for precise visual representation.

4. **Ranked, Scrollable Lists**
   - View scrollable, ranked lists of colors, complete with numerical rankings.
   - A **color search** field allows for quick lookups by name or code.

5. **Export Capability**
   - Export complete ranked lists to **Excel**, not limited to top 10 entries.
   - Export available for: **Colors, Subproducts, Products, and Bases.**

6. **Interactive Filtering**
   - **Clicking on a Color** dynamically updates the associated *Product, Subproduct, and Base sales.*
   - Selecting a **Product, Subproduct, or Base** updates the displayed relevant Colors in real time.
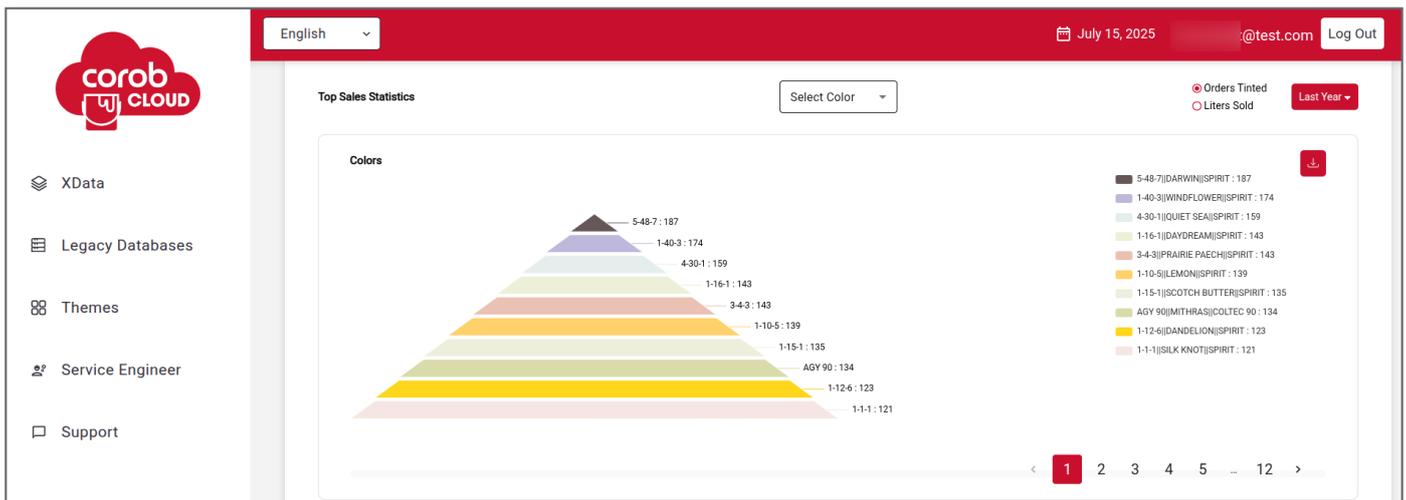
Colorant consumption barchart and location-based sales

- **Consumption Overview** -Displays total colorant consumption (in litres) for the selected date range.
- **Visual Consumption Trends** - A bar chart presents total colorant consumption across key timeframes: *This Year, Last Year, This Month, and Current Month.*
- **Location-Based Performance** - Highlights *Top 10* and *Bottom 10* performing locations by sales, with a comparative view between the current and previous quarters.
- **Data Export** - All datasets, can be exported in Excel format.
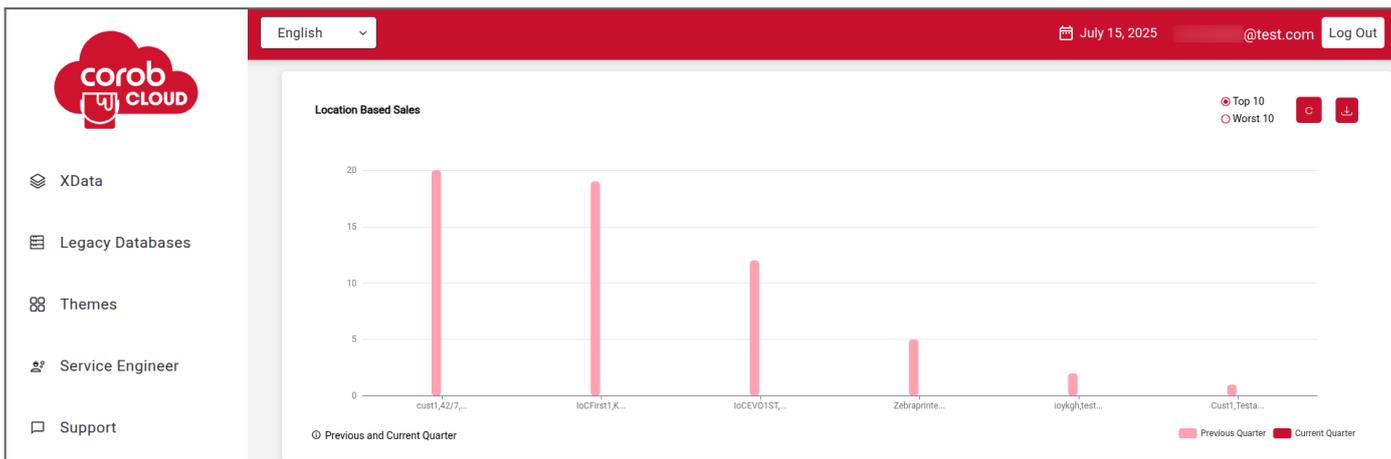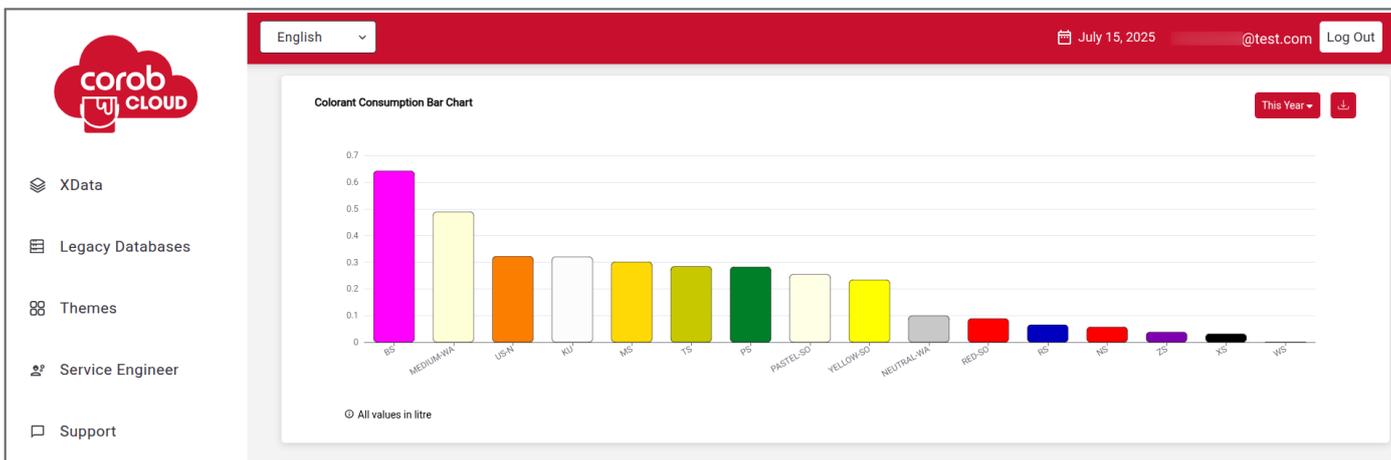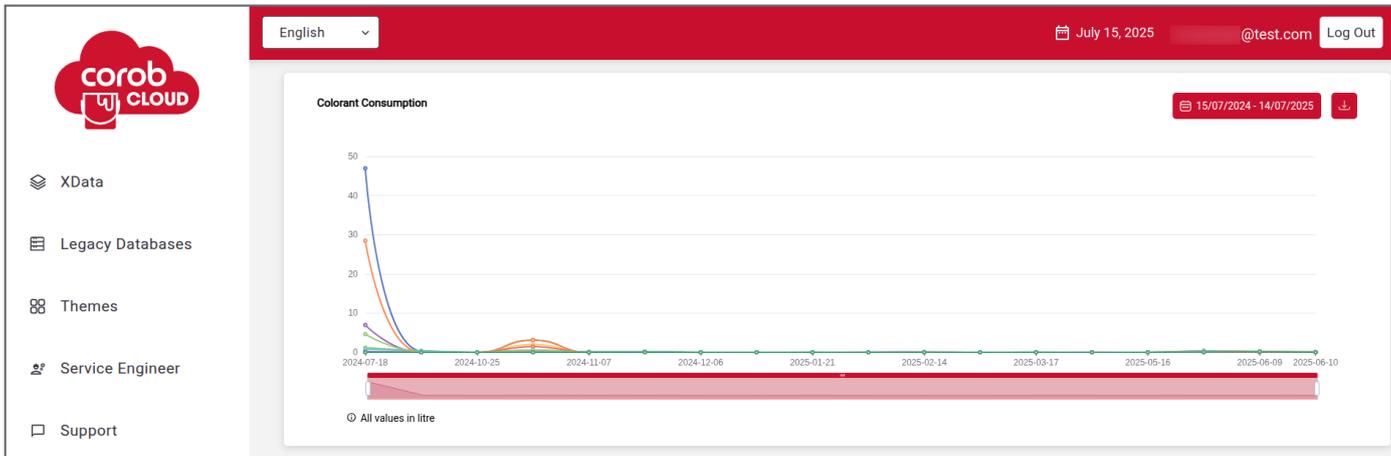
Top can sales

1. A graphical analysis of **Top Can Sales** is visible for the given bucket as per the timeline selected.

2. The data can be exported in Excel format.

3. Shows a pie-chart representation of **Custom vs. Regular formulae** for 365 days.

Analytics filter and export

You can filter the data by selecting a time range and Point of Sale (shop) names.

Dates can be filtered based on Last Year, This Year, Last Month, This Month, or by setting a custom range of a few days.

One can select a specific shop by entering the shop name or by ticking the checkbox against the shop to be selected. The user can select all shops by clicking on **Select All**.

Click **Export** to create and automatically download an ".xlsx" file.
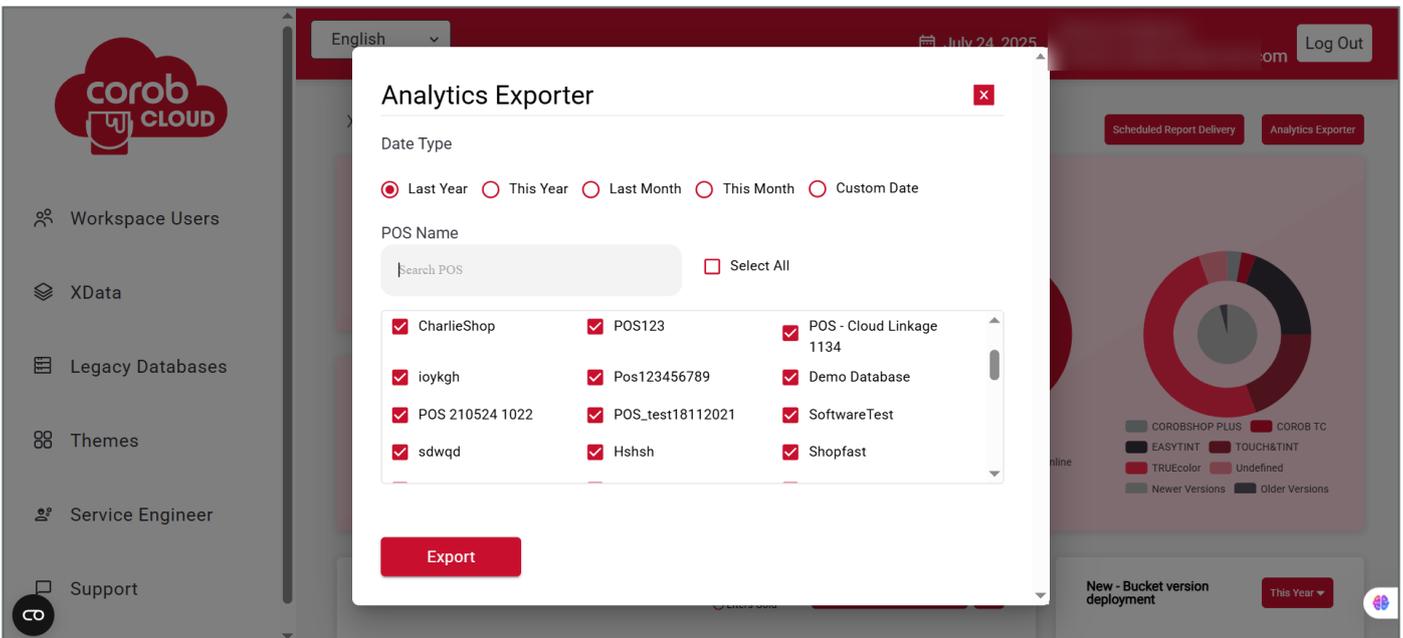
Analytics management - exported .xlsx file

Order Information		
Dispensing Date/Time	Subproduct	Can Size
Product	Base	Custom can size (True/False)
Color Key 1,2,3 (one column each)	Num Cans Colorant names (one column each)	Colorant quantity (one column each)
Custom formula (True/False)	Unit	Total Base FillQ
Fraction	Weight mode	--
Shop Information		
POS Name	POS Address	POS Country
POS Type	--	--
Database Information		
Bucket Code	Tint system Description	Major/Minor version
Dispenser Information		
Dispenser Family	Dispenser Serial	Dealer code
Via F-Link	--	--

| Dispensing Timestamp	UTC Offset	Product	Subproduct	Base	Can Size	Custom can size?	Color Key 1	Color Key 2	Color Key 3	Num Cans	Colorant name 1	Colorant quantity 1	Colorant name 2	Colorant quantity 2	Colorant name 3	Colorant quantity 3	Colorant name 4	Colorant quantity 4	Colorant name 5	Custom formula?	Unit	Fraction	Weight mode	POS Name	POS Address	POS Country	POS Type	Bucket code	Tintsystem description	Tintsystem major	Tintsystem minor	Dispenser Family	Dispenser Serial	Dealer Code	Via F-LINK?	Total Base FillQ
1/11/2023, 10:51:41	+05:30	WATER PRODUCT	WATER SPIRIT	NEUTRAL PRODUCT	1000 ml	false	1-1-1	SILK KNOT	SPIRIT	1	MS	0.325479	US-N	0.325479	NS	0.325479				false		31.246	96	volumetric	RutuPaint ar	RutuPaint er road, Godbund anandnag ar	India	TRUEcolo r	klv9a3	2.42 DEMO GOATA 04-02-14	3	0	evo	D22P018 7	4567	true	917
1/11/2023, 10:52:34	+05:30	WATER PRODUCT	COLTEC 90	MEDIUM WATER PRODUCT	500 ml	false	test1			1	MS	2.6	BS	4	KU	0.23	MEDIUM-WA	4.5	MEDIUM-SO	true	1	1	volumetric	RutuPaint ar	RutuPaint er road, Godbund anandnag ar	India	TRUEcolo r	klv9a3	2.42 DEMO GOATA 04-02-14	3	0	evo	D22P018 7	4567	true	917
1/11/2023, 11:19:09	+05:30	WATER PRODUCT	WATER SPIRIT	NEUTRAL PRODUCT	3000 ml	false	1-1-4	DANCING PRINCESS	SPIRIT	1	KU	0.976437	TS	0.976437	WS	0.976437				false		31.246	96	volumetric	RutuPaint ar	RutuPaint er road, Godbund anandnag ar	India	TRUEcolo r	klv9a3	2.42 DEMO GOATA 04-02-14	3	0	evo	D22P018 7	4567	true	2751

Schedule report delivery

1. Provision to share the cumulative report via email typed as per the timeline selected.

2. On selection of the "**Schedule**" button, the report will be delivered within the timeframe set.

3. The annual report will include the annual sales trend as an additional graph.
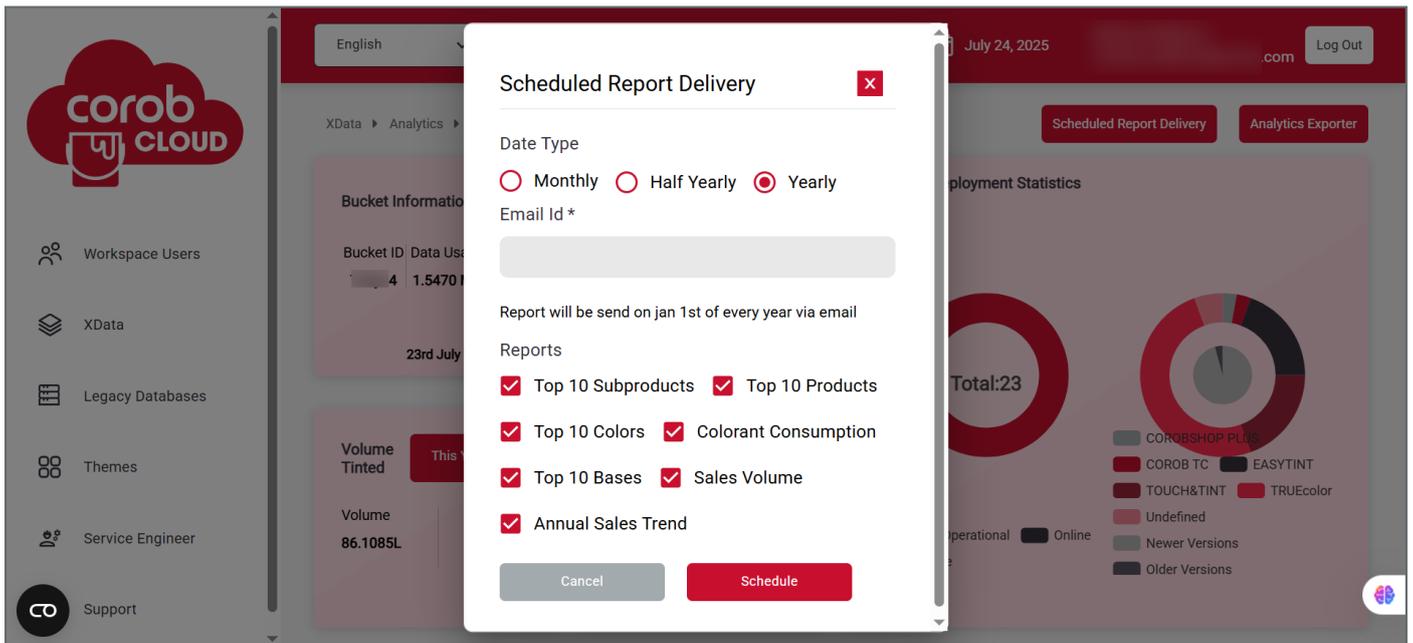
LOCATION ANALYTICS

1. There is an option to search locations by filtering bucket code.

2. On clicking the *Filter* button, one can select the desired bucket name or search for buckets in the pop-up list.

3. Click on *Location Name* to view graphical analytics location-wise.

Detailed Info

The user can get detailed information on:

1. Location information: shop name, address, dealer code, and last synced timestamp.

2. Monitor total and average tinted volumes (in litres), with filter options by timeframe: *This Year, This Month, Last Year, Last Month.*

3. Total sales volume based on timeframe selected, depicting order count or volume in litres.

4. Total sales volume data can be exported through Excel.
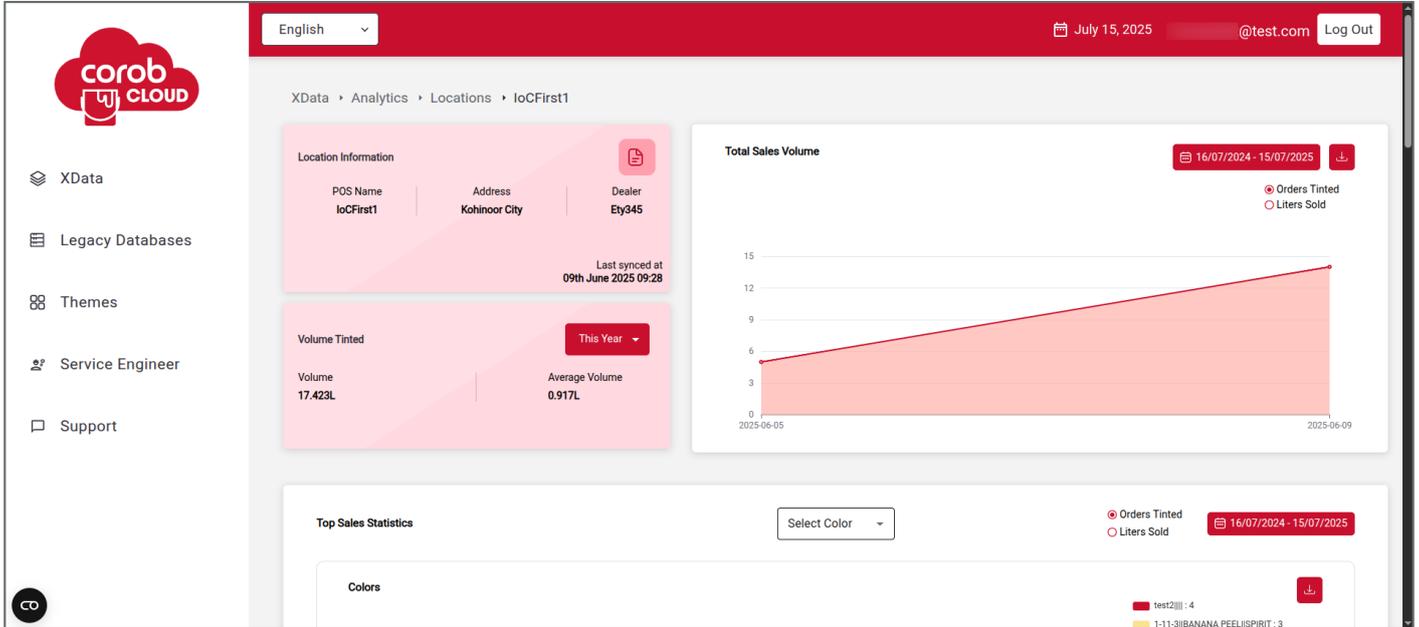
Top sales statistics

Like Bucket's Top Sales module, this version focuses on location-based insights with added flexibility for custom date ranges.

Gain deep insights into sales performance across Colors, Subproducts, and Bases with the following capabilities:

1. **Ranked Sales Breakdown**
   - Displays ranking of each *Color, Subproduct, and Base* based on commercial sales value.
   - Toggle between views based on **Order Count** or **Litres Sold**.

2. **Color Visualization**
   - Actual colors are rendered using **RGB values** for precise visual representation.

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   - View scrollable, ranked lists of colors, complete with numerical rankings.
   - A **color search** field allows for quick lookups by name or code.

4. **Export Capability**
   - Export complete ranked lists to **Excel**, not limited to top 10 entries.
   - Export available for: *Colors, Subproducts, Products, and Bases.*

5. **Interactive Filtering**
   - ***Clicking on a Color*** dynamically updates the associated Product, Subproduct, and Base sales.
   - Selecting a **Product, Subproduct, or Base** updates the displayed relevant Colors in real time.
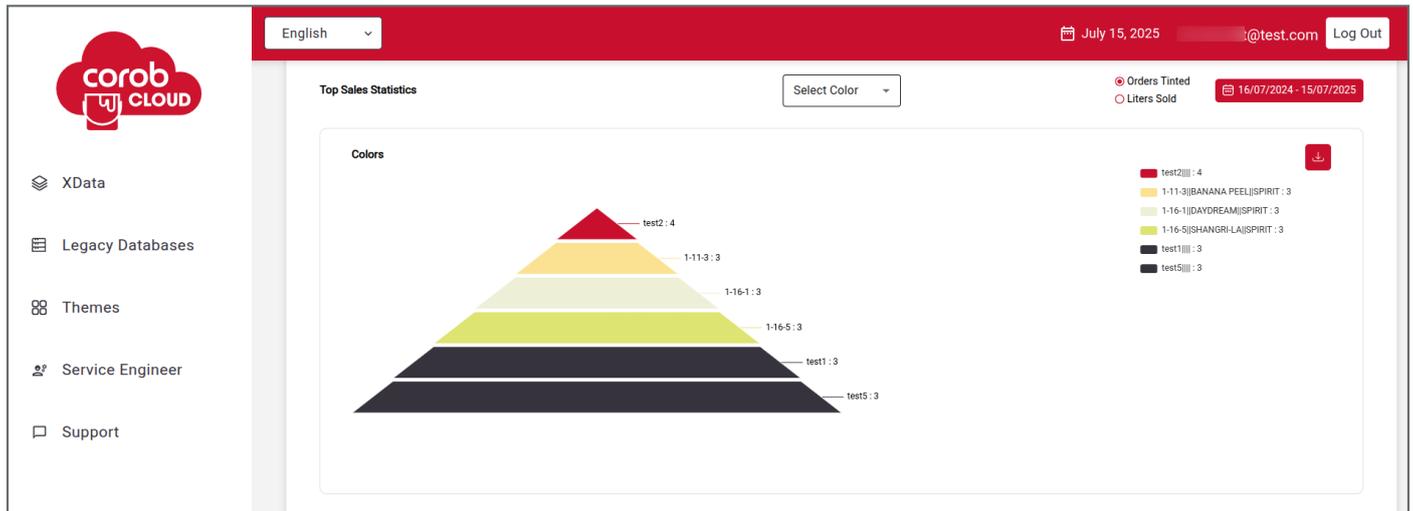
Colorant consumption

It depicts colorant consumption in litres for the selected date range.

The data can be exported in Excel format.
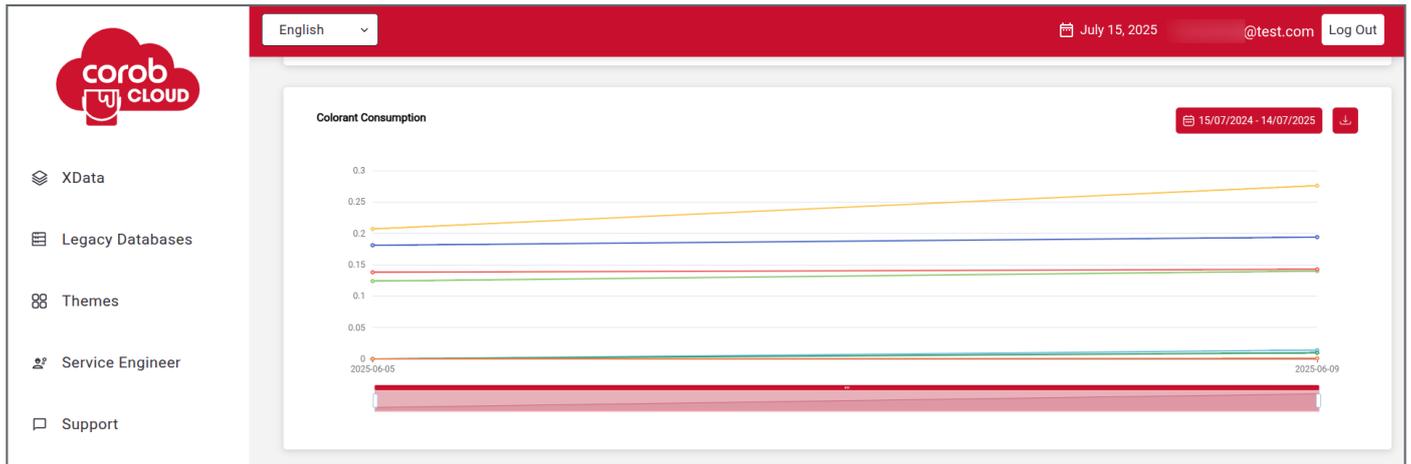
Colorant consumption bar chart

Visual Consumption Trends - A bar chart presents total colorant consumption location-wise across custom timeframe and allows provision to download the same data in excel sheet.
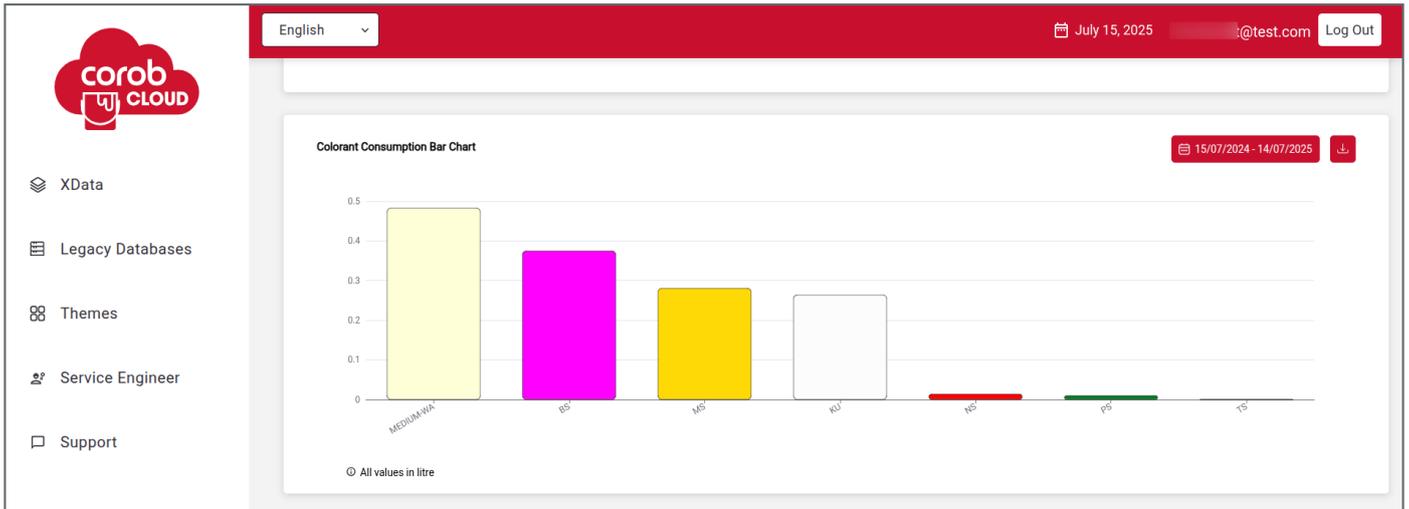
Machine statistics

1. It shows average location footfall based on active days.

2. Shows a pie-chart representation of **Custom vs. Regular formulae** for 365 days.

3. Shows machine statistics based on operational hours:
   - Online (green dot) – always active.
   - Non-Operational – not active for more than a week.
   - Offline (red dot) – not active for more than two weeks.
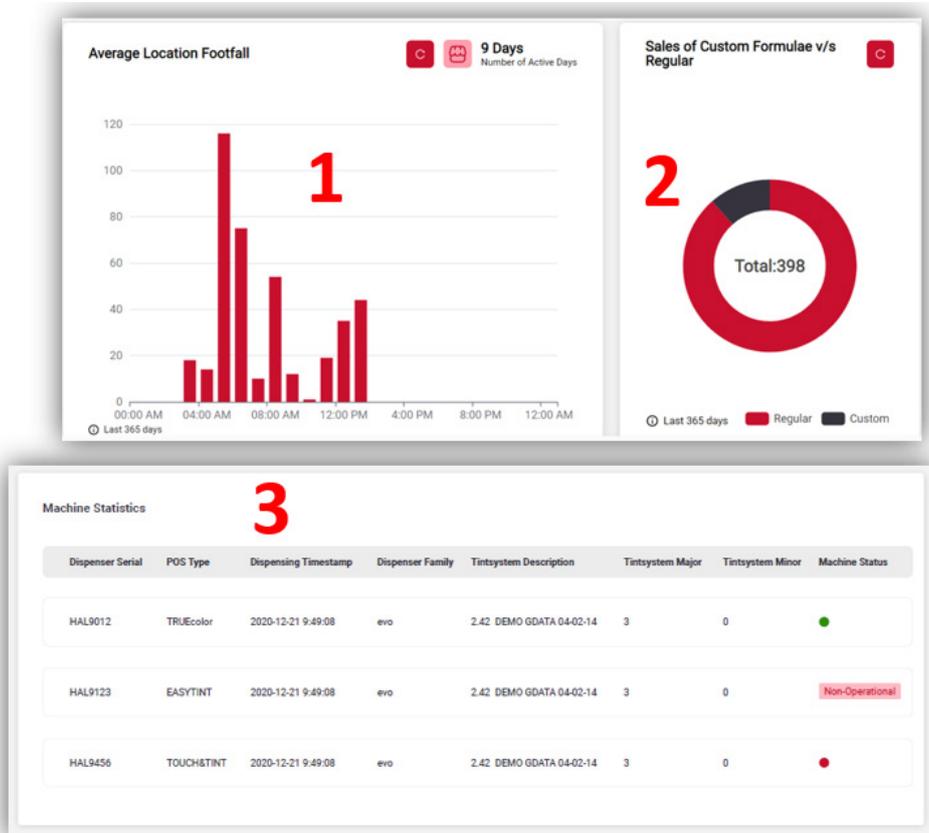
Legacy database list

A legacy database is an old type of database that can only support Tint Systems.

It is possible to see a list of the user's databases.

Each database has a unique code. It is possible to create an unlimited number of databases.

By clicking on the database name, the user will be redirected to the database management page.
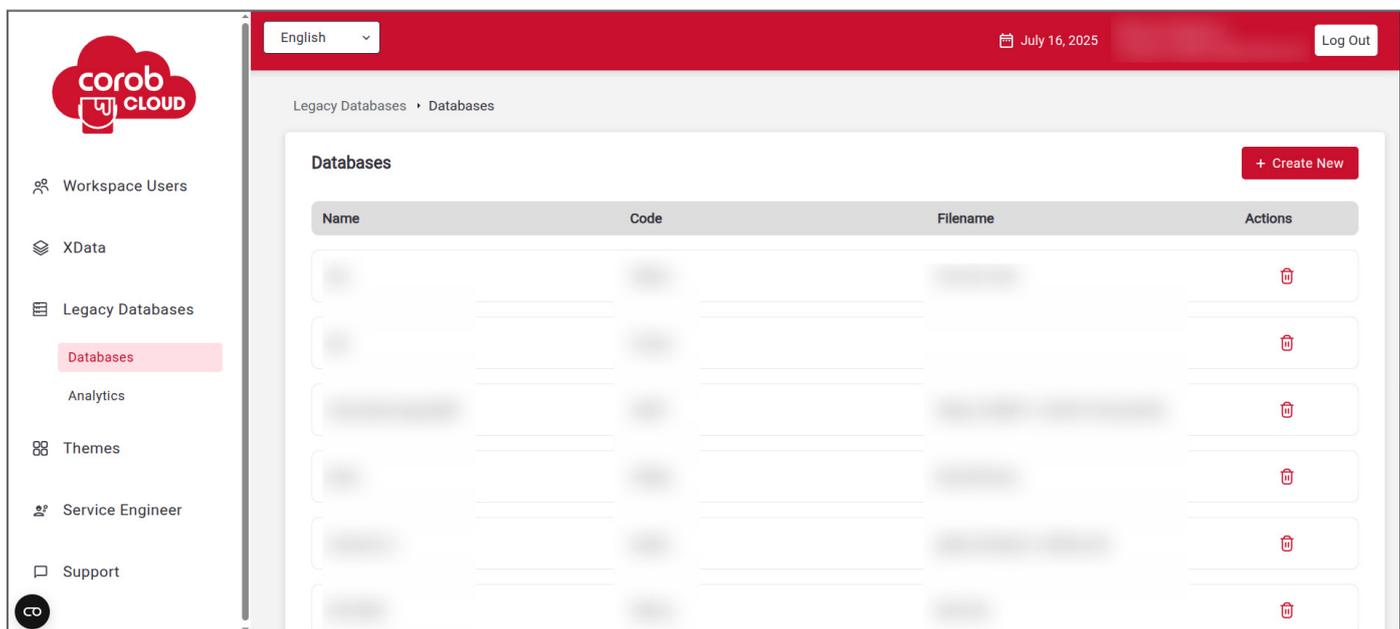

For Legacy, by clicking on **+Create New**, the user will be asked for the new database name.

The system will automatically assign a unique code.

The database name cannot be changed.

There is a provision to delete existing databases associated with the workspace.

From the **Database Upload** section, it is possible to upload a database file (i.e., a zipped GDATA or DB file for legacy).

In **History**, users can explore the list of uploaded files.

The **Database Upload** section accepts zipped GDATA folders and TRUEcolor export files.

GDATAs are converted to a new-generation database format that will be used by POS programs.

If the conversion is successful, a new database version will be created.

If an export file is uploaded, a new version will also be created.

It is possible to download and delete database versions. The delete option is available only here.
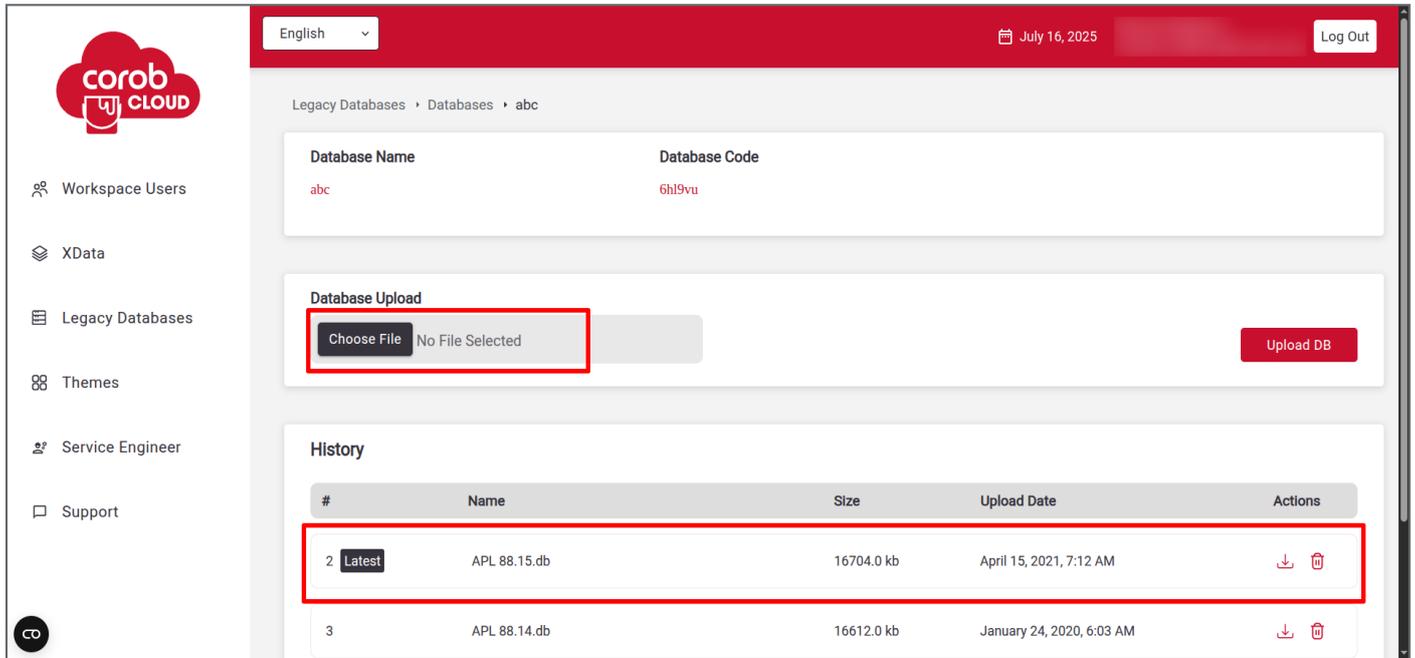
When a new database version is available, clients will be immediately notified, and they will be able to upgrade their tinting system database.

For a legacy database, if the last version is deleted, the previous one will become available.

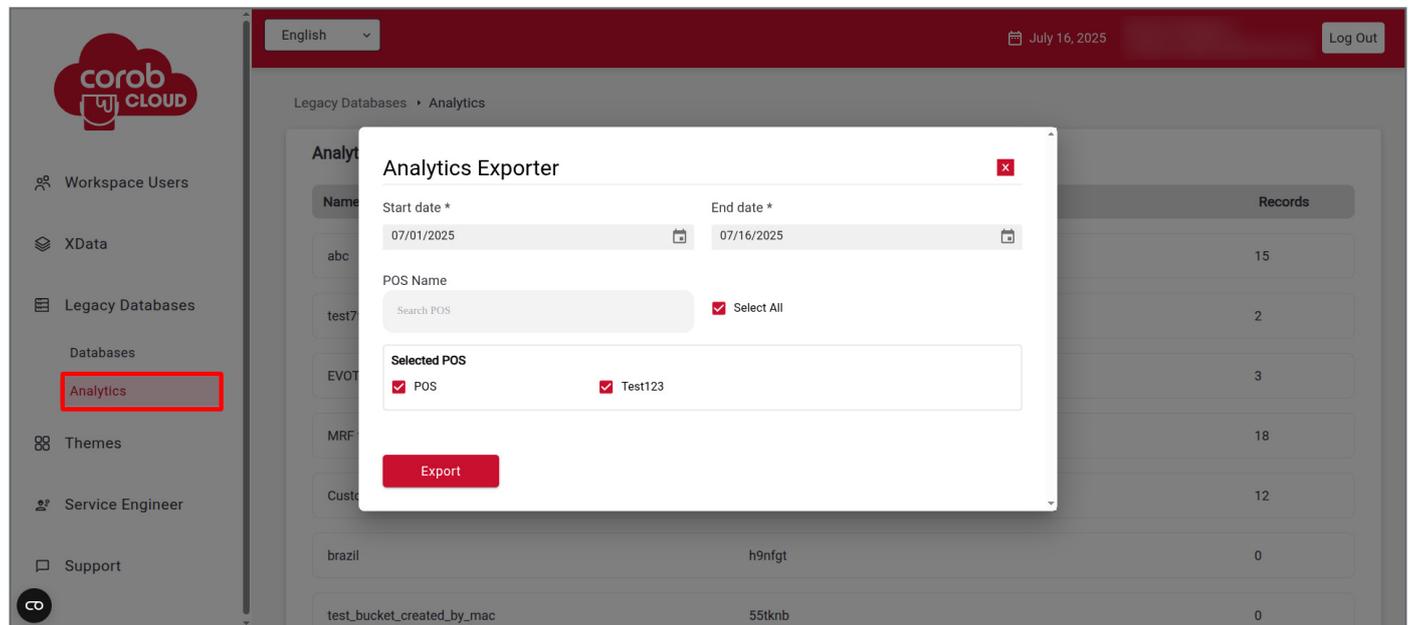Only the last version is available to clients through COROB Cloud.

ANALYTICS

For each database, it is possible to consult the history of dispensing operations for each shop.

First of all, select the database for which you want to see the analytics.

You can filter the data by selecting a time range and Point of Sale (shop) names.

Click **Export** to create and automatically download an ".xlsx" file.
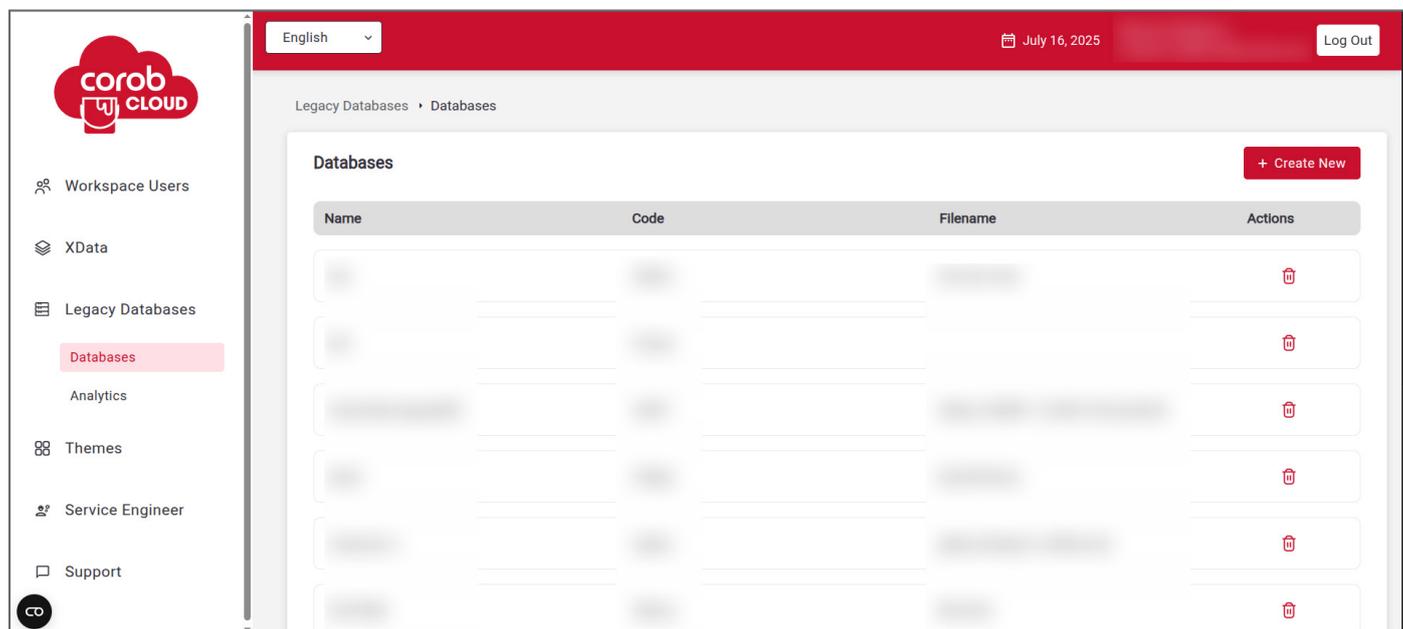
THEMES

From the left menu, it is possible to access the **Themes** section.

As for databases, each theme has a name and a unique code to identify it.

By clicking on the theme's name, the user will be redirected to the theme management section.

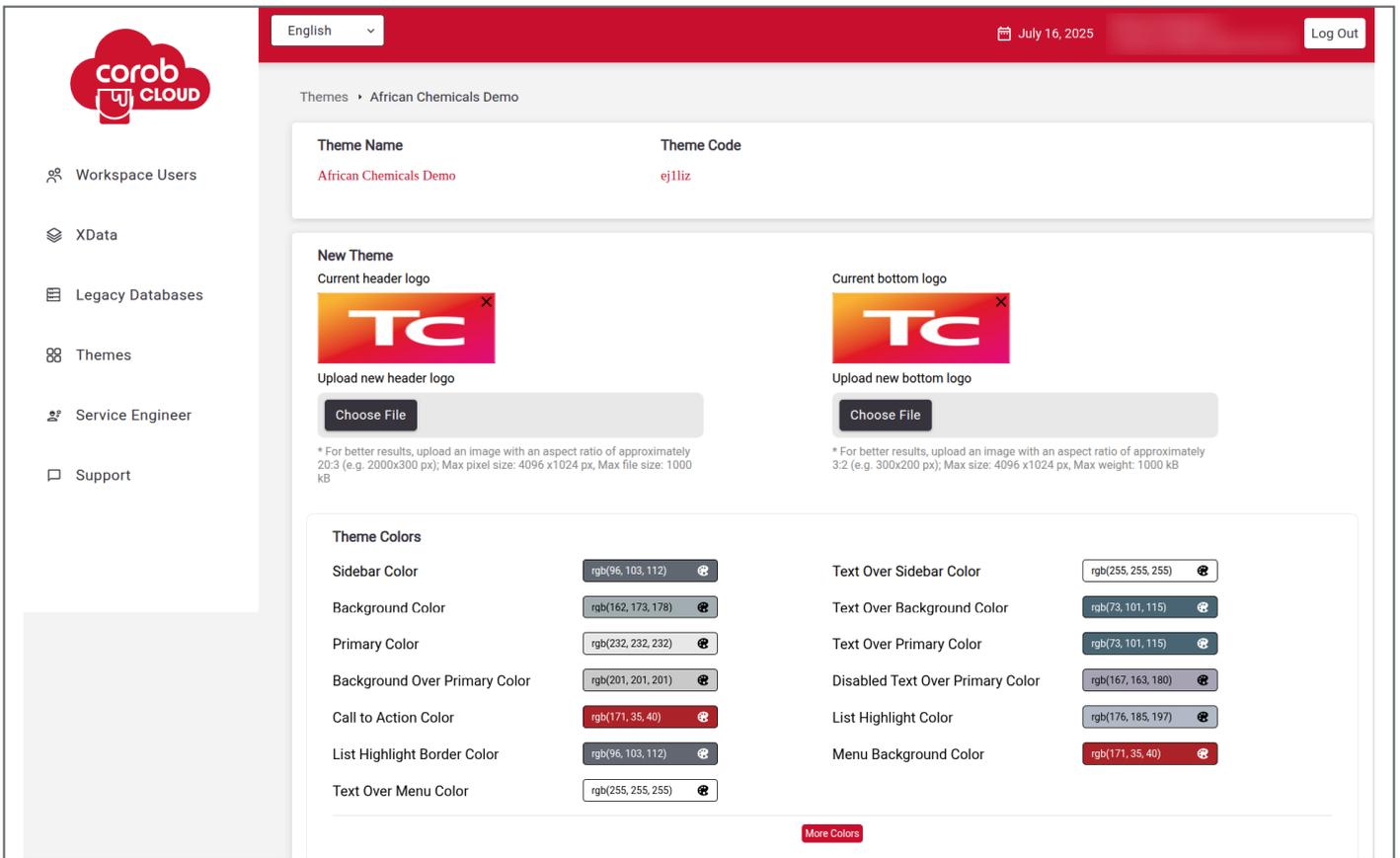Each user can create an unlimited number of themes.

Theme management

Like databases, the theme code is unique and identifies the theme in the system.

Clients apply the theme through its code.

They are used to personalize aspects of client's programs.

There are two default themes, but it is possible to create a fully custom one.

By clicking on the Custom option, the Custom Colors section will become available. It contains a list of interface elements.

Each element can be personalized with a custom color.

A color scheme can also be applied.

When done with the colors, it is possible to save the theme. This will create a new theme version.

The preview icon on a theme version allows you to display a list with the interface element and the color chosen.

By clicking on **Apply**, the colors will be loaded into the **Custom Colors** section. This allows the user to further personalize the colors.

When done, it is possible to keep the changes that will be saved as a new theme version.

The following colors are shown in the preview popup:

Sidebar Color	rgb(96, 103, 112)
Text Over Sidebar Color	rgb(255, 255, 255)
Background Color	rgb(162, 173, 178)
Text Over Background Color	rgb(73, 101, 115)
Primary Color	rgb(232, 232, 232)
Text Over Primary Color	rgb(73, 101, 115)
Background Over Primary Color	rgb(201, 201, 201)
Disabled Text Over Primary Color	rgb(167, 163, 180)
Call to Action Color	rgb(171, 35, 40)
List Highlight Color	rgb(176, 185, 197)
List Highlight Border Color	rgb(96, 103, 112)
Menu Background Color	rgb(171, 35, 40)
Text Over Menu Color	rgb(255, 255, 255)
Disabled Button Background Color	rgb(218, 218, 218)
Disabled Button Text Color	rgb(167, 163, 180)
Text Input Text Color	rgb(115, 115, 115)
Text Input Background Color	rgb(255, 255, 255)
Success Color	rgb(0, 255, 0)
Text Input Placeholder Color	rgb(208, 208, 208)
Error Color	rgb(255, 0, 0)
Warning Color	rgb(255, 255, 0)

History section

The History section contains a list of previous versions of the current theme.

It is possible to download them for offline installation, delete them, or see a preview of the used colors.
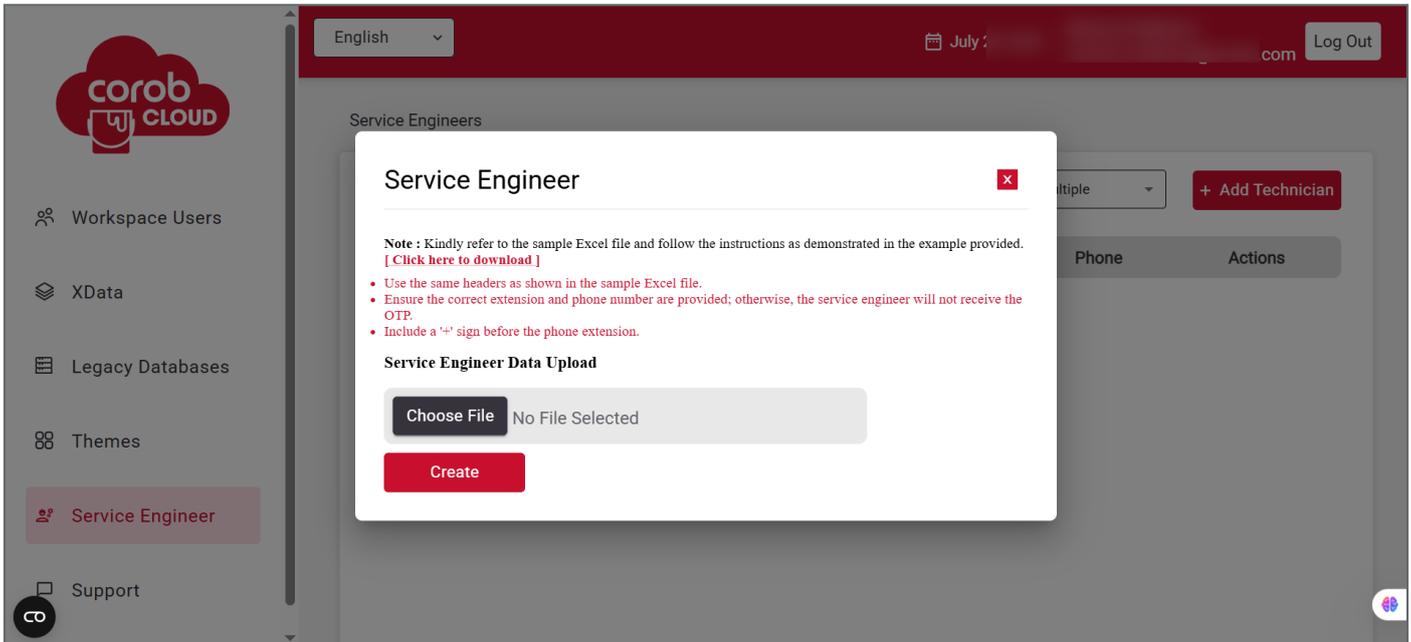
Like databases, if clients use the theme code to personalize their programs, only the last one will be available.

SERVICE ENGINEER

Workspace users can now create and manage a list of Service Engineers, each responsible for overseeing the number of shops importing authorized and precise bucket-associated data. Can add single or multiple service engineers.
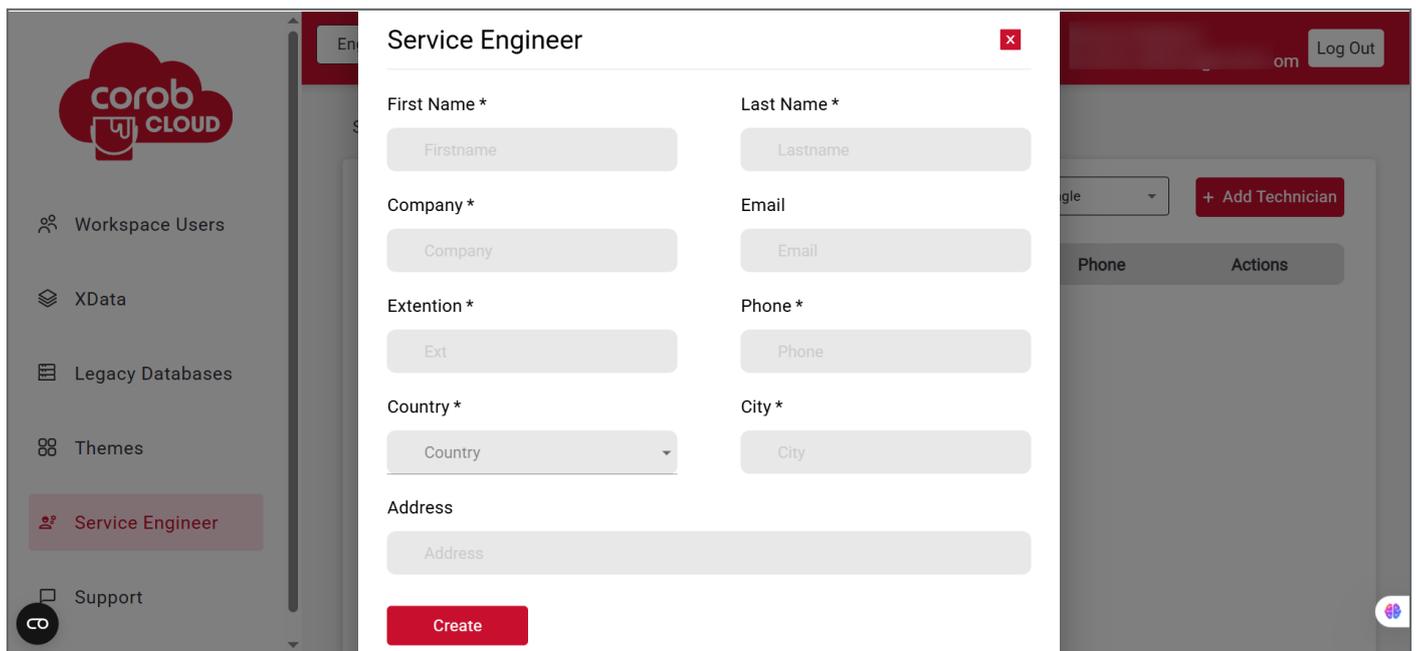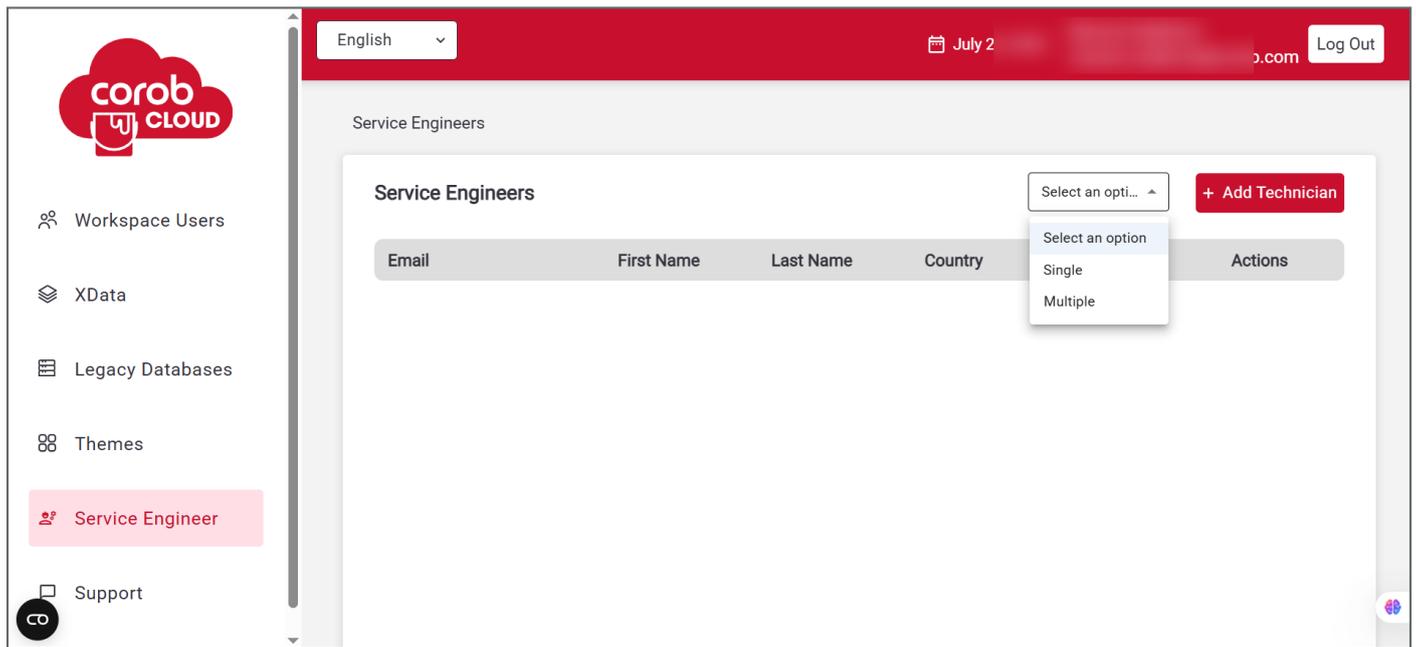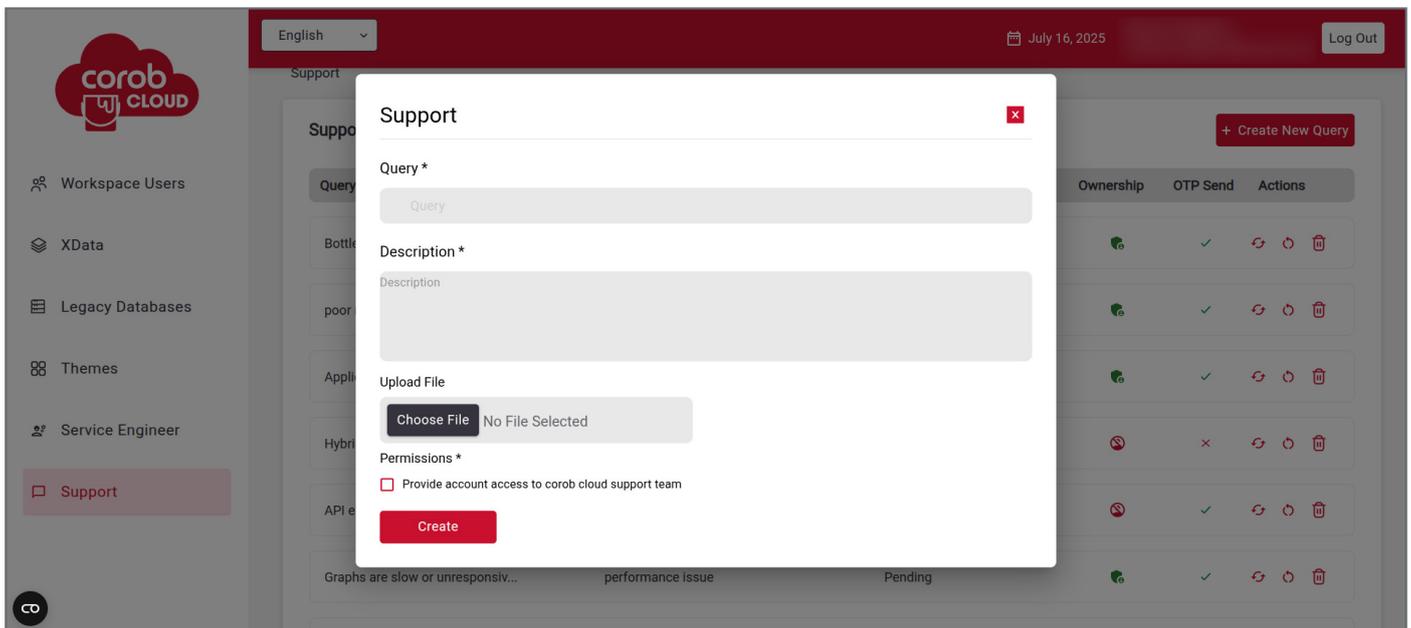
Support

This exciting feature allows users to share queries on issues faced in the cloud.

When clicking on Create New Query, one can fill in the relevant details, like:
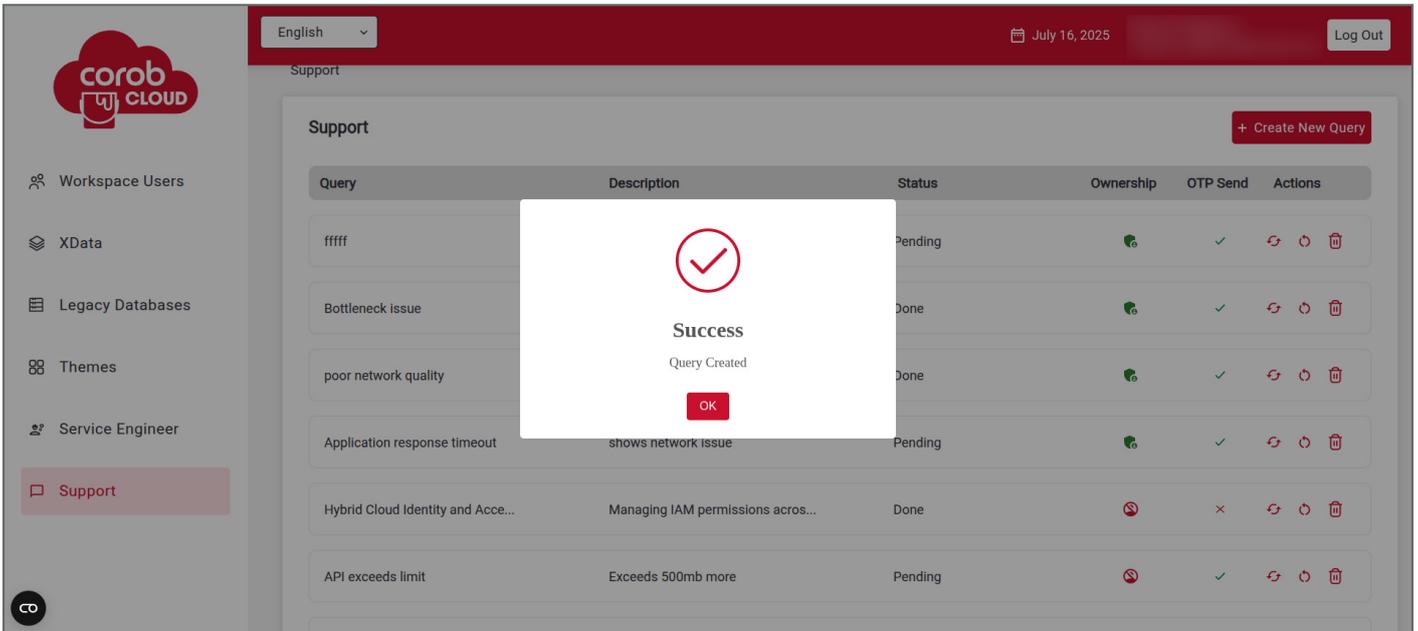
1. Query Title

2. Description

3. If the image captured can be enclosed based on the file size limit

4. Click permission, account access to support team

5. Submit details by clicking the **Create** button

Backend Email

Upon the creation of the query, the user will receive an acknowledgement email.

List of queries requested

Here, the user can see the list of queries requested by him.

1. The status of each query can be seen as pending or done.

2. The OTP sent or not being sent to the support team is visible.

3. There is the option of resending the OTP if the query is not resolved within 7 days.

4. The reopen action allows the user to recall the query that was long ago resolved and has arisen again.

5. Provision to delete a query that is mistakenly entered or has a duplicate entry.

6. Ownership status visibility
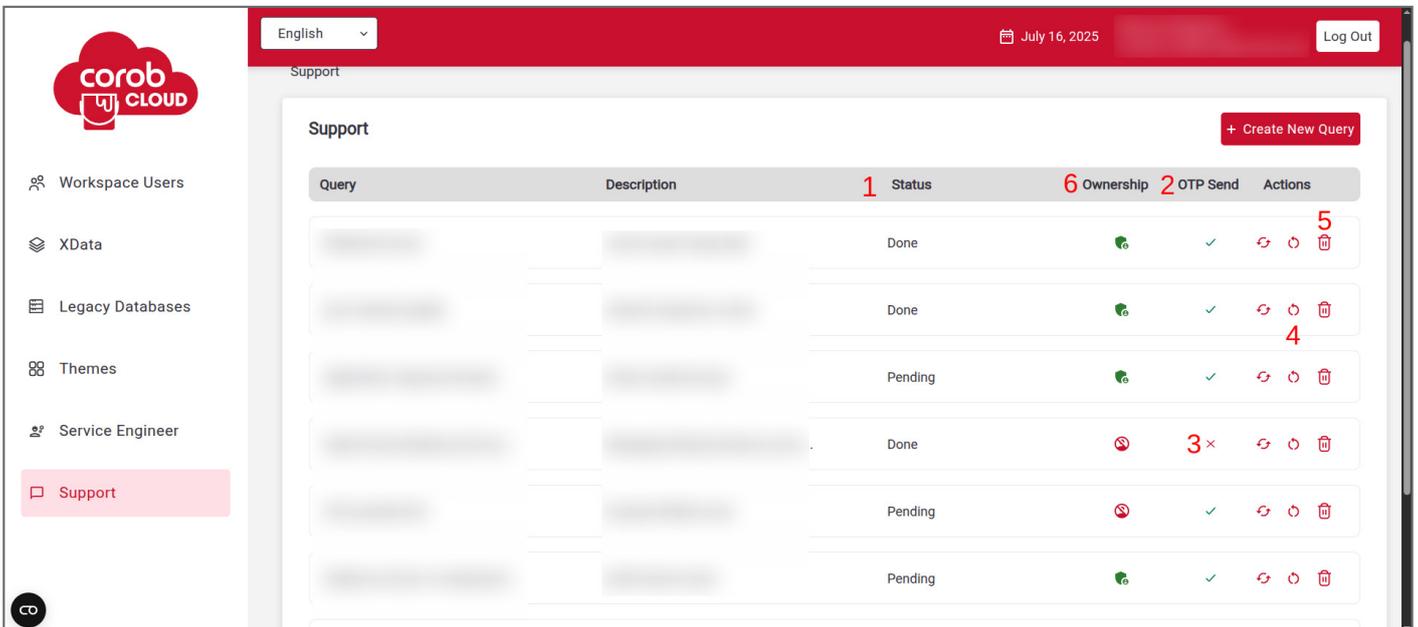
ⓘ **NOTE**

On done status, the user will receive an email on the closure of the query.