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v28 Release Notes

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Auto-generated at January 7, 2026

Release Date: **July 26, 2023**

This release brings new and enhanced features, better scalability, smoother workflows, and a richer user experience on CloudBlue Connect.



1. CloudBlue Connect Platform

1.1 Pricing Support in Data Streams Processing

To simplify daily tasks like billing audit and billing operation scalability, Data Streams Processing in CloudBlue Connect has enhanced its functionality and now allows vendors and distributors to use price lists from the **Pricing** module as a source for computed streams in the new **Pricing** section. The list of available transformations includes:

- Split Column
- Manual transformation
- Lookup CloudBlue Subscription Data
- Lookup Cloudblue Product Item Data
- Get standard VAT Rate for EU Country - **now supported**
- Formula - **now supported**
- Filter Rows by Condition - **now supported**
- Convert Currency
- Copy Column(s)
- Lookup Data from a stream attached Excel - **now supported**
- Lookup Data from AirTable - **now supported**



Information

The list of transformations can be extended by building a custom EaaS extension.

The screenshot shows the EaaS extension interface for a 'Billing Stream Details' stream. The 'Streams' section is selected. A transformation rule is being edited, specifically a 'For Each Row' rule. The rule is named 'Formula' and has the ID 'STR-9165-57748-1164-001'. The formula is 'Customer Price = ("Distributor Price") * 1,14'. The input column is 'C007 Distributor Price' and the output column is 'C008 Customer Price'. The transformation is currently 'On'. The 'TRANSFORMATIONS' tab is selected.

You can see the live transformation status in **Batches** of the **Pricing** section and check the individual transformation request details in **Requests**.

Depending on your business needs, you can configure as many streams as required, including one stream per Marketplace, and these streams can be processed simultaneously.

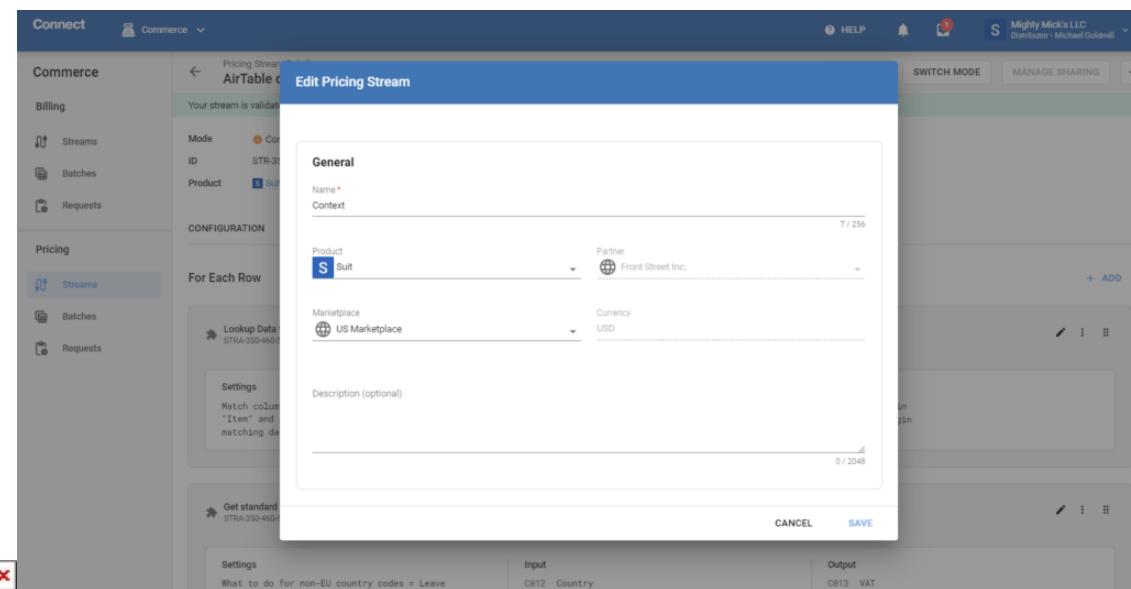
1.1.1 Transformations - Formula

Formulas can be used to perform mathematical and logical operations on columns and context variables. For example, calculate margins, prices, time periods, etc. When adding formula-based transformations, you can see the list of suggested columns by typing “.” and the list of context variables by typing the “\$” sign:

The screenshot shows the 'Add Row-Level Transformation' dialog for a 'Pricing Stream Details' stream. The 'Transformation' dropdown is set to 'Formula'. The 'Settings' section shows an output column 'String' and an input column 'C007 Distributor Price'. The formula is 'Country (C012)'. The 'ADD EXPRESSION' button is visible. The 'Output' section shows columns 'C010 IM Margin', 'C011 Var Margin', and 'C012 Country'. The 'C012 Country' column is selected. The 'C007 Distributor Price' input column is also visible.



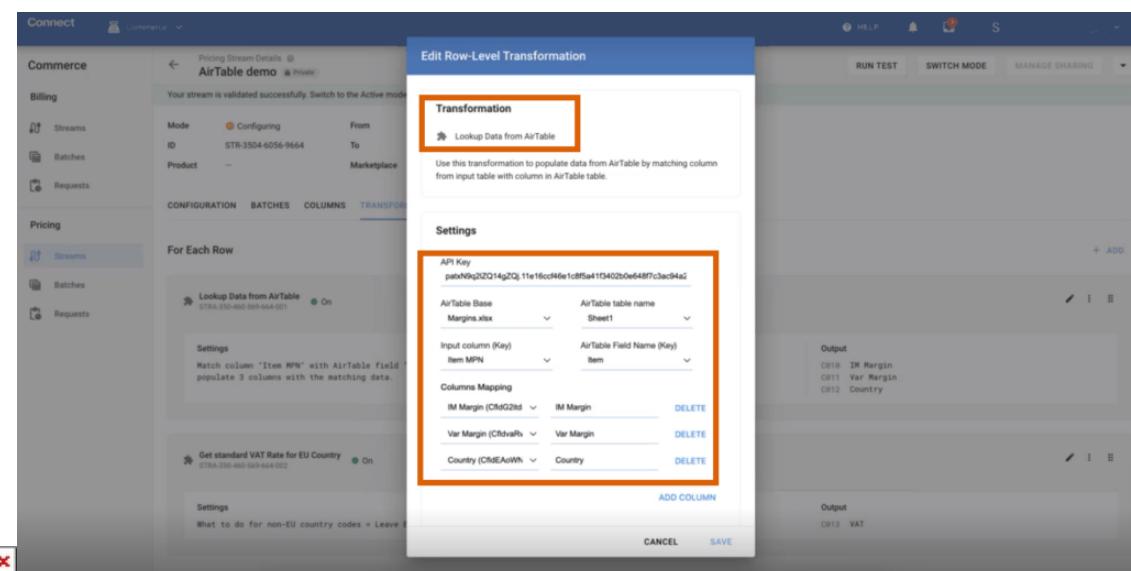
The context is taken from the pricing stream settings:



1.1.2 Transformations - Lookup data from AirTable

The Commerce module now supports storing data in a central place using the **AirTable** cloud service, allowing you to share the data between multiple streams and Marketplaces.

To add this transformation rule, you need to upload your Excel file to **AirTable**, create a token in **Personal access tokens of Developers** hub, and when creating a new row-level transformation, choose **Lookup data from AirTable** in the drop-down list:



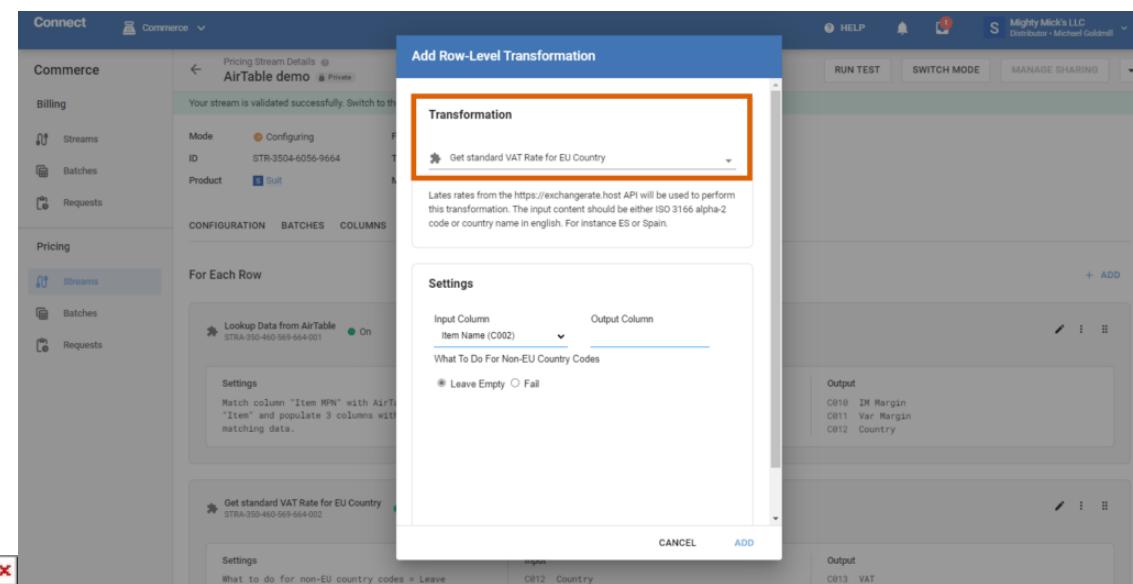
You then need to insert the copied token into API key and map columns and sheets between your stream Excel file and



the Airtable one.

1.1.3 Transformations - Get standard VAT rate for EU Country

Distributors can now get the standard VAT rate for European countries by adding the **Get standard VAT rate for EU country** row-level transformation:



1.2 Audit Trail - New modules traced

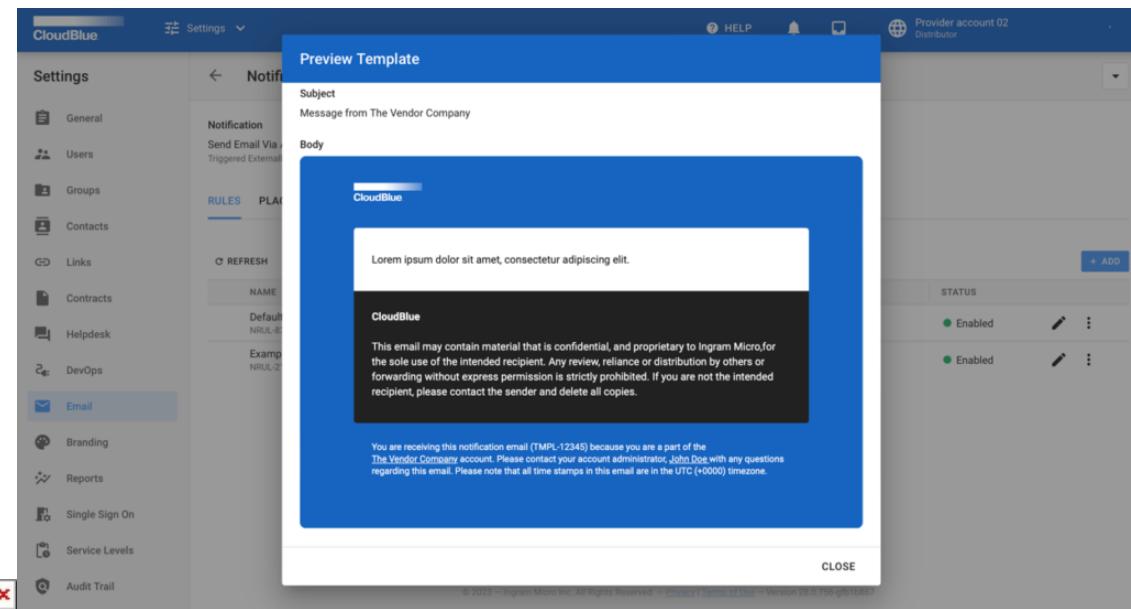
CloudBlue Connect now captures data for the following modules: **PIM**, **Partners**, **Branding**, and **News**.

To access Audit Trail, choose **Audit Trail** in the left navigation pane of the **Settings** module.

1.3 Custom Email Templates

Distributors can now send email notifications using the new Notifications API in the following ways:

- based on the default email template with only the subject and content passed
- based on a custom notification template configured by adding a new notification rule in the **Email** section of the **Settings** module under the **Send email via API** notification type. In this case, the rule id visible under the custom template needs to be passed along with other parameters to the Notifications API.



Custom Extensions built using the **DevOps** module can also send email notifications to customers either based on custom templates or the raw HTML content.

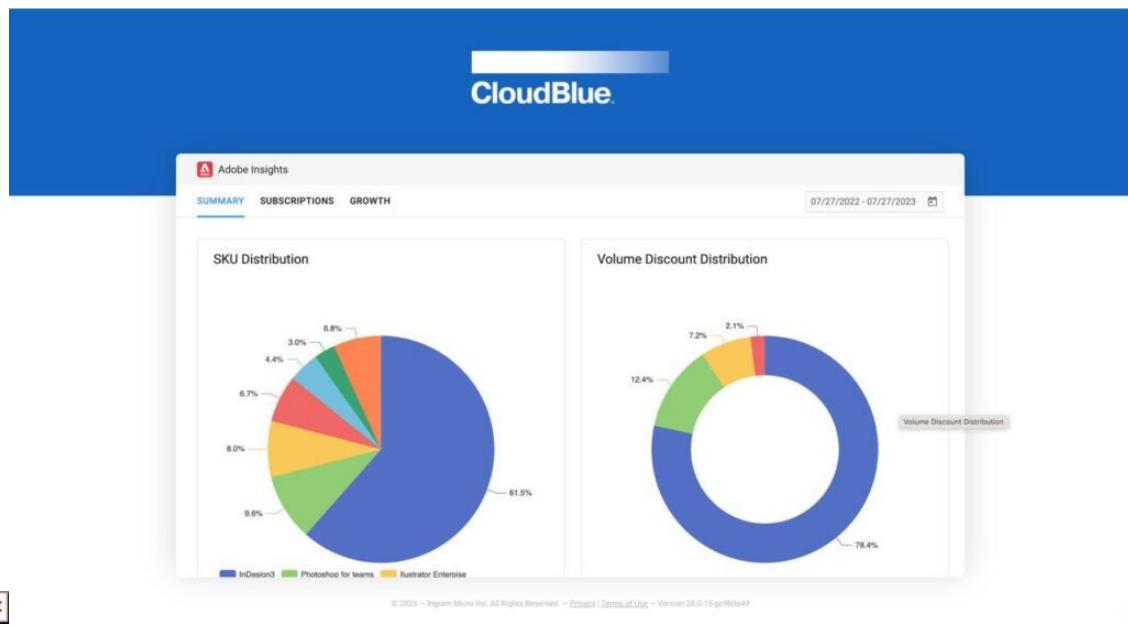
1.4 Products - New commitment periods supported

The **Products** module has extended the list of supported commitment periods, the following periods are now available:

- 1 month
- 1 year
- 2 years
- 3 years
- 4 years
- 5 years
- **6 years - now supported**

1.5 Extensions - Vendor Screens

CloudBlue Connect allows you to build custom extensions, using the **DevOps** module, to bring the service screens to your Tier (Reseller) Context:



CloudBlue

The screenshot shows the Adobe Insights interface with a blue header. Below the header, there is a table titled 'SUBSCRIPTIONS' showing a list of active subscriptions. The table includes columns for 'SUBSCRIPTION', 'CUSTOMER', 'START DATE', 'RENEWAL DATE', 'DISCOUNT LEVEL', 'CURRENCY', 'COST', 'MSRP', and 'STATUS'. The table lists 10 subscriptions, all marked as 'active'. The interface includes a navigation bar with 'SUMMARY', 'SUBSCRIPTIONS', and 'GROWTH' tabs, and a date range selector '07/27/2022 - 07/27/2023'.

Subscription	Customer	Start Date	Renewal Date	Discount Level	Currency	Cost	MSRP	Status
AS-1156-8471-9624 External ID: 1000008	Buddy Schaden TA-7635-9582-8502 • 1000013	2022-12-19	2023-12-19	Level 1	USD	300	360	active
AS-3019-9097-0835 External ID: 1000002	Adrien Donald Bertrand TA-7635-9582-8502 • 1000013	2022-12-21	2023-12-21	Level 1	USD	—	—	active
AS-7705-9163-2750 External ID: 1000003	Adrien Donald Bertrand TA-7635-9582-8502 • 1000013	2022-12-21	2023-12-21	Level 1	USD	400	480	active
AS-6865-0527-5113 External ID: 1000004	Adrien Donald Bertrand TA-7635-9582-8502 • 1000013	2022-12-21	2023-12-21	Level 1	USD	400	400	active
AS-7054-2620-1499 External ID: 1000005	Adrien Donald Bertrand TA-7635-9582-8502 • 1000013	2022-12-21	2023-12-21	Level 1	USD	—	—	active
AS-1160-7855-1908 External ID: 1000006	Murphy Toy TA-7635-9582-8502 • 1000013	2023-12-27	2023-12-27	Level 2	USD	900	950	active
AS-4745-2430-2235 External ID: 1000007	Merl Rutherford TA-7635-9582-8502 • 1000013	2022-12-27	2023-12-27	Level 1	USD	400	480	active
AS-2484-7568-1955 External ID: 1000008	Abelardo Mann TA-7635-9582-8502 • 1000013	2022-12-27	2023-12-27	Level 2	USD	1800	1900	active
AS-1222-0797-6490 External ID: 1000009	Doris Bradtke TA-7635-9582-8502 • 1000013	2022-12-27	2023-12-27	Level 1	USD	600	720	active
AS-4674-6435-9680 External ID: 10000077	Doris Bradtke TA-7635-9582-8502 • 1000013	2023-01-02	2024-01-02	Level 1	USD	100	120	active

