# Cloud Cost Management

Overview

Cloud Cost Management is an analytics tool that is designed to allow you to review Azure and or AWS consumption (depending on availability) with varying levels of detail. This documentation will guide you through an overview of how to use this tool. You can extend this tool to the Storefront if you want to enable your customer to see the same information however it will be displayed at MSRP. The price for Azure can be set based on markup or discount in the Storefront. Also note, this data can be close to your invoice however there can be variances as some products are billed separately. An example of this is Reserved Instances.

If you would like to know more on how to utilize this new feature, please contact Stellr@SYNNEX.com.

Where to Locate Cloud Cost Management

After you successfully login to the STELLR Marketplace, you can access this feature under "Subscriptions & Analytics" (1) and then click on "Cloud Cost Management" (2). If you don't have access to this menu item, please contact Stellr@SYNNEX.com.
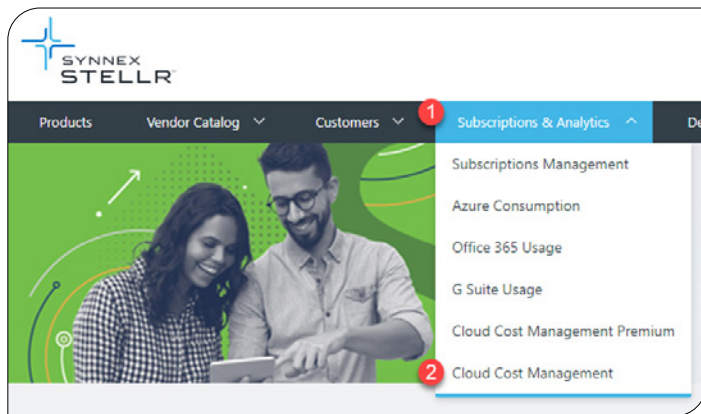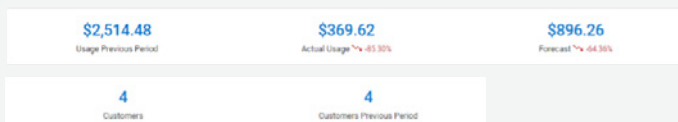

Page Navigation

In the dark banner running across the top of the page, you'll find some useful info as well as filter options to target specific data. On the left side of the banner, you'll see the "Last Update" (1) which tells you when the last time the dashboard was updated. As you move to the right side of the banner, you'll see 4 labels that all have filters you can apply. "All Customers" (2) allows you to view all or a specific customer, "All" (3) refers to being able to see only legacy or new Azure plan subscriptions, "Reseller View" (4) allows you to see pricing at your cost or you can select Customer View to see your customer's cost and finally "Current" (5) allows you to select a billing period.
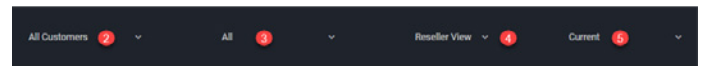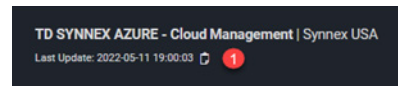

Page Summary

You'll find summarized data at the top of the page, under the banner, about the Azure business you're transacting through STELLR. This high level summary gives you data at a glance to let you know how you're performing versus the previous month.

Navigational options at the top of widgets

You will notice several icons at the top of some widgets in the dashboard. There is a breadcrumb that shows you what filters you've applied (1), a back button (2) that allows you to remove the last filter applied (seen in the breadcrumb) and an eraser (3) that will completely reset all filters.
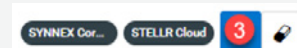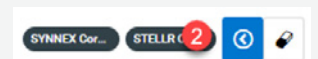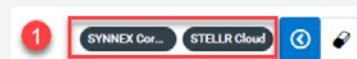
Data Views

There are several tables on the dashboard that allow you to review data differently.

We will go through each of those below to ensure you have a good understanding of the data being shown and how you can slice and dice the data to get the information you want.

Period Usage

The prices depicted in this view will depend on if you are looking at "Reseller View" which will show your cost or "Customer View" which will show MSRP unless you've set a different price through Storefront.

The default sorting for Period Usage is from the highest to lowest dollar amount, however you do have the option to sort by other columns by clicking the up or down arrow in each of the columns (see red arrow highlighting this function).

Note: Pricing updates for your customer through Storefront can take up to 30 days to show up. If you find the pricing shown in the "Customer View" isn't correct, please reach out to Stellr@SYNNEX.com.

This table allows you to drill down all the way to the resource level. In this example, I clicked the Customer Name "STELLR Cloud," followed by the Subscription Name "STELLR Cloud," then the Resource Group "avd-pc" finally ending with the list of Resources in the Resource Group.

Notice with each click, the breadcrumb shows a new item. Remember that using the back button (explained above) will allow you increment backwards one breadcrumb with each click. It is also worth mentioning that with each click in Period Usage, data in other tables will be updated based on your selection.

As an example, when you are at the Customer level, the other tables will show data for all customers in the Period Usage table. At the subscription level, the other tables will only show data based on the subscriptions, etc.

Resources

In the Resources table, you will see data displayed in a pie chart format. You can drill down in a similar way to how you would do so in the Period Usage table. You will notice this table has a drop down option in the upper right corner which will allow you to reconfigure the pie chart to show the same data but by different category. The options in the drop down box change depending on whether you are at the Customer, Subscription, Resource Group or Resources level.

There will be 2 constant items in the drop down which are Categories (think of this as resource type buckets) and Tags which are only present if they are setup in the Azure environment.
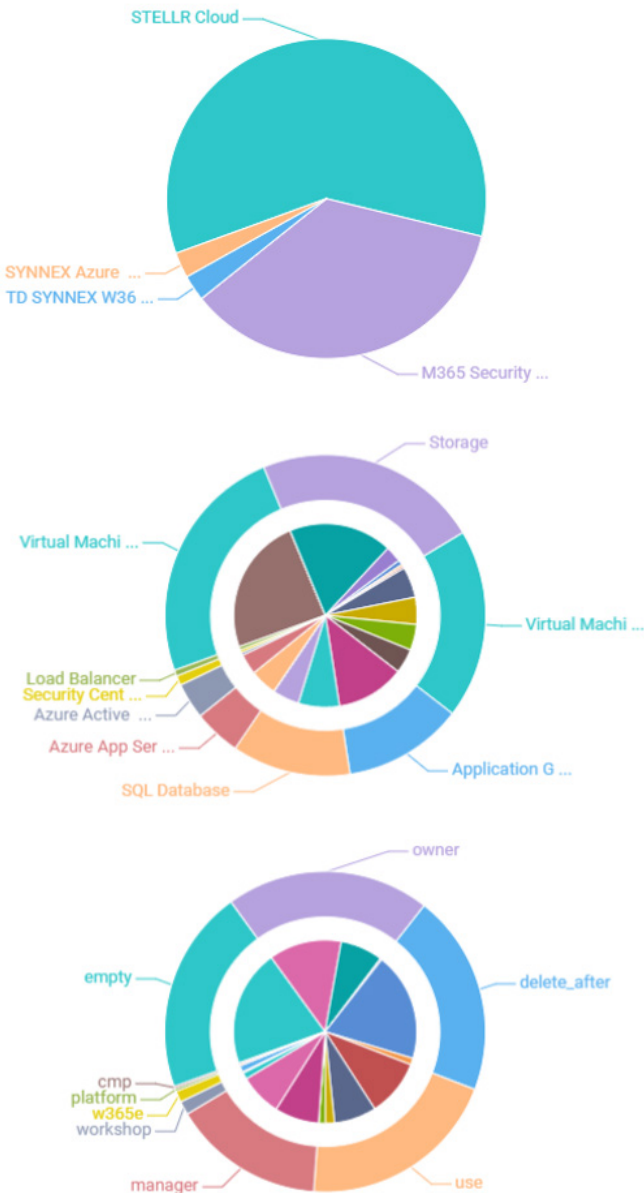
Virtual Machines

In this section, you can easily see cost by VM. We display the VM name (1), the Customer the VM belongs to (2), if the VM represented is a Reserved Instance (3) and of course the cost columns towards the right of the table. These prices will be your cost if in Reseller View and customer cost if in Customer View.

Virtual Machine (1)	ID (2)	RI (3)	Previous ($)	Actual ($)	Forecast ($)
mcaspanfw	M365 Security Workshop		144.33	19.64	47.28
AVD-PC-US-0	STELLR Cloud		120.88	16.42	39.52
WinServerDC1	M365 Security Workshop		57.48	7.82	18.82
DC1	TD SYNNEX W365 WorkShop		57.48	7.82	18.82
W10	STELLR Cloud		52.44	7.14	17.18
LogCollector	M365 Security Workshop		52.45	7.13	17.16
Provisioner-RH	SYNNEX Azure CSP		13.04	1.77	4.26
HybridVM	M365 Security Workshop		2.06	1.23	2.97

Period Usage By Month

This table allows you to see monthly usage for past months as well as current usage with a forecast for the current month depending on what options you have selected in your date filter. When you hover over a column, you will see more detail about the makeup of the charges. The columns can display Legacy Azure as a blue column (if any is present), Azure Plan as green, RIs as yellow and forecast will be a light blue.
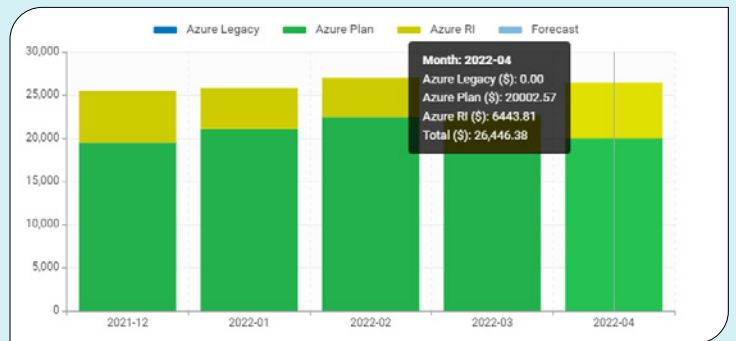
Period Usage By Day

This table allows you to see daily usage based on the time period selected. If you have "Current" selected in the date filter, you'll see usage from the beginning of the month until the most recent date of data. If you select a prior month, you'll see usage showing for every day there were resources consumed. Similar to the Period Usage by Month chart, you can mouse over a column to information about that days' usage.

Usage History

The Usage History section allows you to download a report that can be opened in excel either via .csv or .xlsx. It will include all the details available in a report for all your customers. When you request the report by clicking the download button, you'll be given the ability to enter an email address where you'd like to be notified via email when the report is ready (1). You will also see in the table below the Download button an indication if your report is Pending, Available or Expired (2).

You can download a complete usage file for the selected period here

ID	Download Link	Status	Created At	Updated At
894	az_usage_history_05_11_2022_5b50f609664c4f84b1bfb61d99a95ac7.zip	Available	2022-05-11T13.37.09.215156Z	2022-05-11T13.37.10.513295Z
660	az_usage_history_03_17_2022_80b21780f2e3455aa9138569d138269fe.zip	Expired	2022-03-17T12.31.59.500412Z	2022-03-19T15.00.00.758848Z

Download Button

You will notice throughout the dashboard download buttons on various tables. When clicking on the download button from a specific table, you will be able to download a .csv or .xlsx file. Depending on file size you will either download directly from there or you will receive an email with a link to download the info.

Alerts

You may have noticed that in the Period Usage table there is an alerts column. This alert tool allows for a great deal of customization across the Customer, Subscription, Resource group or Resource layer. To add an alert in any of those layers, you'll want to click precisely on the word "+ New" (1) to get the alert window to popup. Once you see the Alert Window popup, you will see which Cloud Provider it's for (2), what layer (Customer, Subscription, Resource Group or Resource) it's for (3) and the layer name (4).

You want to complete the available fields to successfully setup the alert. The Value field (5) is the dollar amount the percentage alert will be based on. The Emails field (6) is where you'll enter the email(s) that are to receive the alert and the Percentage Alerts field (7) is where you can set 1 or multiple alert percentages. Once you are done, click Save to activate the alert. Once your alert is in place, you'll notice "+ New" has changed to a small bar graphic indicating where your current spend is in relation to the dollar amount you set in the Value field.

Example: Value= $1,000 | **Percentage Alerts:** 50% | **Result:** Emails set will get a notification when the usage reaches $500.