

alteryx



SOLUTIONS BRIEF

Cloud Execution for Desktop

Create on desktop. Manage and execute with cloud.

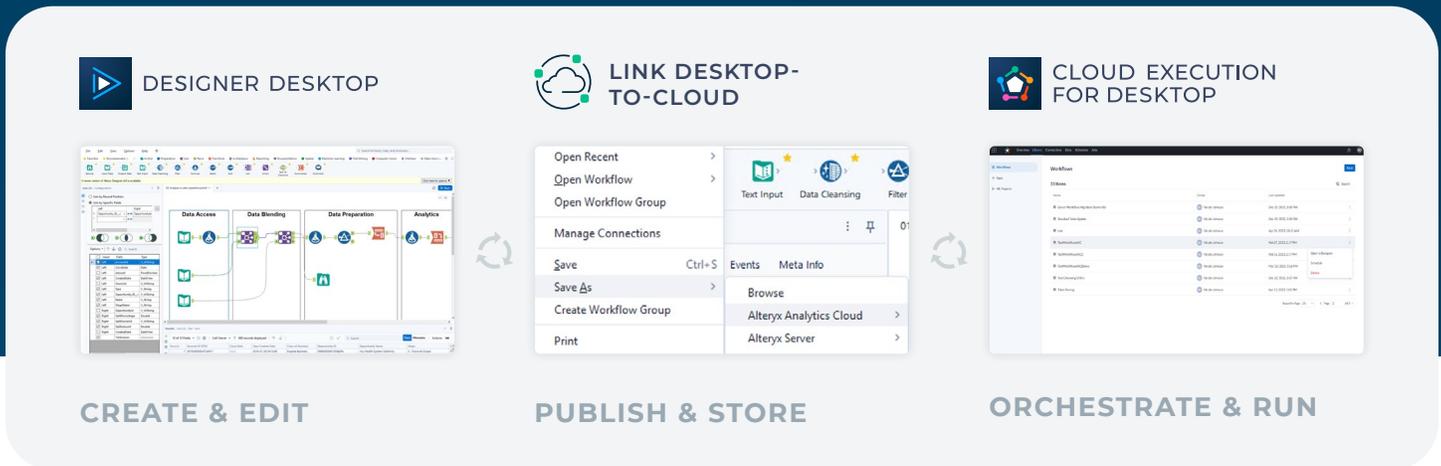
Cloud Execution for Desktop

Cloud Execution for Desktop allows workflows built in Alteryx Designer Desktop to be saved to the Alteryx Analytics Cloud Platform for scheduling and execution.

When faced with whether to use on-premises or cloud analytics, the most common response across organizations is they require both on-premises and cloud analytics. A hybrid approach offers several advantages, including the opportunity to:

- Extend existing investments and IP while minimizing the effort to rebuild them for the cloud.
- Deliver new collaboration experiences across teams and the entire Alteryx product suite, which includes on-prem and cloud-native applications.
- Optimize storage and asset management for analytics.

Figure 1. Cloud Execution for Desktop in Practice

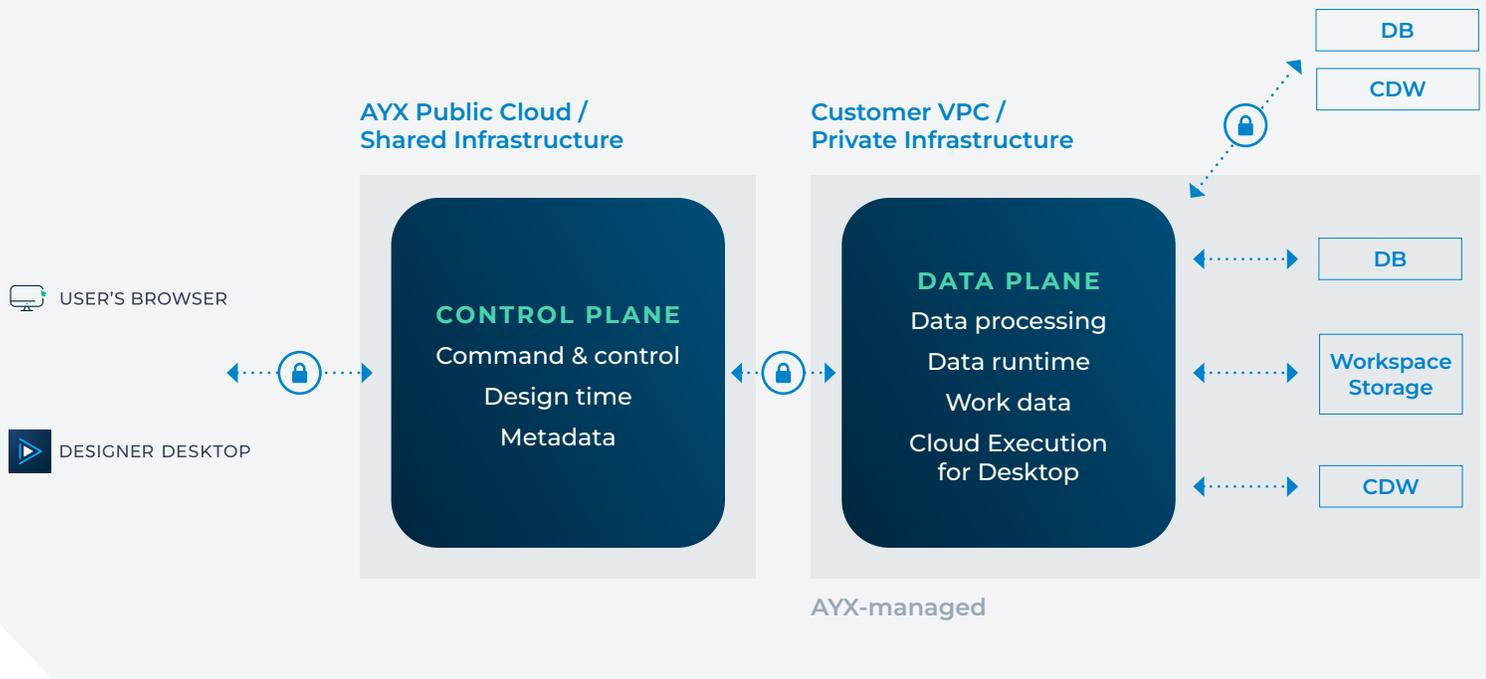


Using Cloud Execution for Desktop lets you create a link that leads from your desktop instance of Alteryx Designer to your Alteryx Analytics Cloud Platform environment, and then save the workflows you built on-prem to your cloud library, which belongs to your cloud workspace. Once saved to the library, you'll be able to navigate to Alteryx Analytics Cloud Platform and schedule and run those workflows.

The execution will then take place in the cloud, similar to the way a workflow can be saved and

executed from on-prem Alteryx Server today. In fact, Alteryx Server customers will already be familiar with much of the functionality and features planned for Cloud Execution for Desktop — the process of creating a connection, publishing a workflow, and running it from a Server-like environment. Execution will take place in the customer's Private Data Plane, so you must first set up your Private Data Plane before you can execute a workflow from the Alteryx Analytics Cloud Platform.

Figure 1. Cloud Execution for Desktop in Practice



With Cloud Execution for Desktop, Alteryx Designer operates as part of the Alteryx Analytics Cloud Platform to deliver a unified, cohesive experience for all data personas and stakeholders who need to make data-driven decisions.

One immediate benefit of Cloud Execution for Desktop is the ability to offload runtime to the cloud to free up desktop resources. We also expect to see use cases where customers keep their existing Alteryx Server environment while they migrate workflows to the Alteryx Analytics Cloud Platform over time as limitations are addressed and functionality is added.

Cloud Execution for Desktop also means the life- and value-generating potential of existing workflows can be extended into the cloud without having to be rebuilt.

Cloud Execution for Desktop can also provide a way to fill in the gaps in cloud functionality that does not yet exist. For example, if you need a certain data connection and that connection isn't yet supported in our cloud products, Cloud

Execution for Desktop allows you to build part of the solution in your desktop instance of Designer and save that workflow to your cloud workspace. Once executed with the cloud platform, the output can then become the input to a workflow in Designer Cloud or used in a cloud-native app like Alteryx Auto Insights or Alteryx Machine Learning. In the future, you will be able to link workflows built in Alteryx Designer (desktop) to workflows built in Alteryx Designer Cloud and the other cloud-native applications using the [Plans](#) feature in the Alteryx Analytics Cloud Platform.

More broadly, Cloud Execution for Desktop provides a path to the cloud for our existing on-premises customers. Whether that's a steppingstone to fully migrating all of your processes to the cloud or just a way to take advantage of new cloud functionalities to extend existing on-prem processes, Cloud Execution for Desktop is a powerful, cloud-connected solution for organizations looking to get the most out of their on-premises and cloud analytics.