

A quick guide to the Fivetran REST API

This asset will introduce you to the Fivetran API, its use cases, why it's valuable and how to get started.

What is the Fivetran API?

The Fivetran API is a powerful way to interact with Fivetran. Rather than clicking in the Fivetran user interface to perform actions — such as creating a connector — the Fivetran API allows users to send their instructions programmatically using written requests.

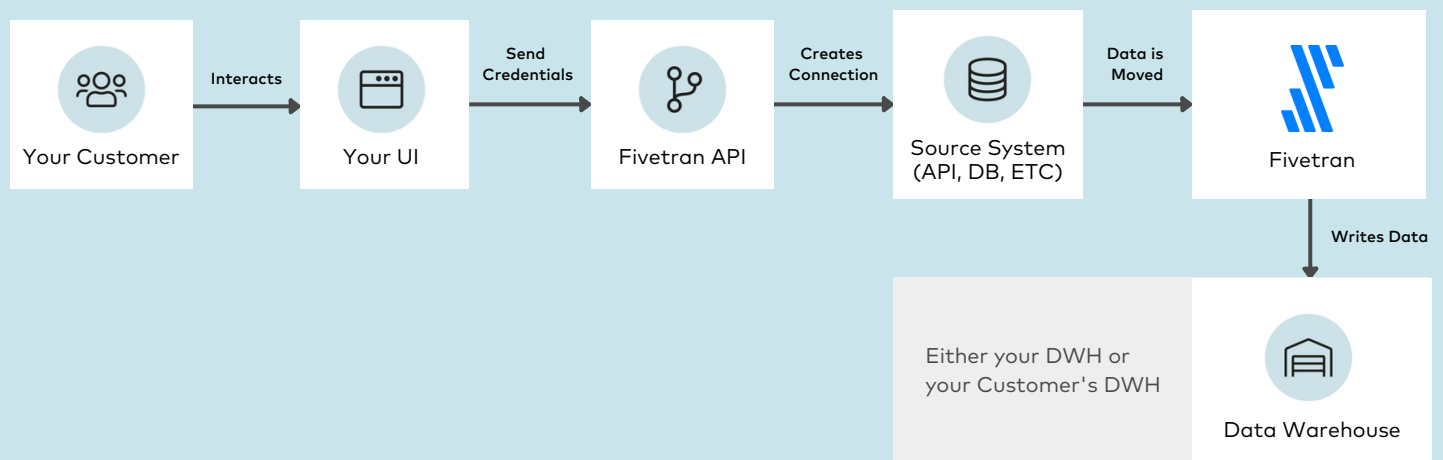
These requests are particularly effective when you want to:

1. Ask Fivetran to do many things at once
2. Communicate with Fivetran from a different application
3. Automate human-led processes using codified logic

Use cases

Powered by Fivetran

For product teams developing analytic applications, the Fivetran API can be used to easily connect your customers' data to your product. Rather than manually onboarding data from each customer source-by-source, customers can authenticate a connection to their data source themselves — all from the convenience of your application's user interface.



Enterprise

For enterprises or organizations that have a large number of repetitive operations, the Fivetran API eliminates timely manual processes and the potential of human error by programmatically automating the management of users, groups, connectors and more.

Benefits of the Fivetran API

Scalability

Create and edit hundreds of connectors in a single request, make bulk updates to user access and permissions and provision groups at any quantity. Programmatically design workflows so they are efficient, consistent and repeatable. In this way, lean data teams can redirect their attention from manual, repetitive operations to higher value data analytics activities.

Security

Fivetran users are leveraging the Fivetran API to improve their overall security posture. Automating user, role and permissions management in Fivetran reduces the potential for human error. For example, if you have a source like a database with a frequent password rotation, you can trigger this via API so a user does not need to manually re-authenticate each time the password changes.

Integration

As the complexity of your modern data stack grows, Fivetran can integrate with other technologies including [Airflow/Astronomer](#) and [Terraform](#) via the REST API. By extending the reach of the API beyond Fivetran, your business can scale and automate infrastructure provisioning and the flow of data across your data stack.

Fivetran also offers a Metadata API to expose information about your data in-flight and how it is changing with your data catalog to enrich your data lineage.

[Learn more →](#)

Get real-time updates on your data pipelines using the Fivetran Webhooks API: power user experiences, transform data, drive error alerting and more.

[Learn more →](#)

API resources

Get access to interactive API documentation with multi-language support, code samples, a Postman Collection and more to help you succeed fast with our API. [View our docs.](#)

Sign up for a free trial at fivetran.com/signup