

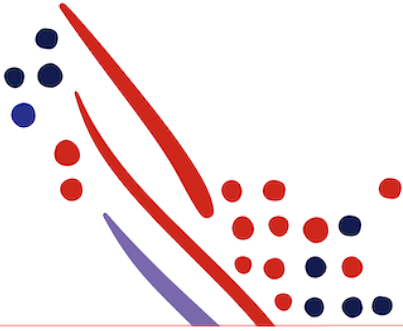
Chapter 1

About this API

from Payroll Output API Guide (Turbo API) for
Midsized to Enterprise Businesses

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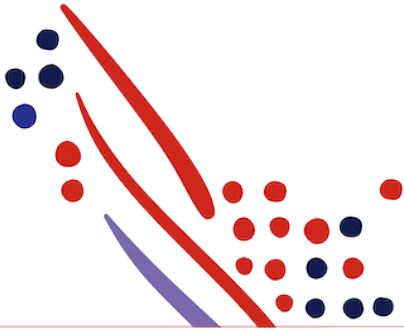
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About this API

Summary

The Turbo Application Programming Interface (API) provides the results of a payroll run in the JavaScript Object Notation (JSON) format and provides the following:

- Company level payroll details
- Company totals
- Associate payment summaries
- Payment distribution details

Note

This API's availability is limited for use by Marketplace Partner's only.

Given the volume of data generated, the API allows for dividing the data in a hierarchical fashion, using levels. In addition to providing the most recent payroll details for the clients, the Turbo API also provides historic payroll data. The following table lists the output levels of data returned by the Turbo API.

Level	Description
Default	Provides a simple list of selected payroll output runs retrieved from ADP AutoPay history.
Payroll	Provides payroll summary totals for a specific payroll output run. This information includes basic payroll run parameters, status, and schedule reference information in addition to the API's payroll summary node.
Pay	Provides the summary payroll output run information at the associate payment level. This information represents summary information included on a pay stub. In addition, the following are included: <ul style="list-style-type: none"> • Default associate payments information • Payment distributions • Configuration tags details
Details	Provides a simple list of selected payroll output runs retrieved from ADP AutoPay history. In addition, default associate payment information and configuration tags details are included.
payDetails	Provides the default level information for the selected payroll, followed by a summary of the associate payment information for the associates having activity in the selected payroll and details of the associate payment information.
acc or acc-all	Provides summary payroll output run information at the associate payment level. In addition, payroll Accumulations nodes for each payment Summary section selected will be provided. This information represents summary information that may be included on a payment stub. In addition, default associate payments information, payment distributions, and configuration tags details will be included. Accumulations information will only be provided for associates/employees who had activity in the selected payroll run. To retrieve accumulation information for all company associates, use acc-all .

Level	Description
acc-unpaid	Provides summary payroll output run information at the associate payment level. In addition, payroll Accumulations nodes for each payment Summary section selected will be provided for all unpaid employees in the payroll.
error	Provides all the error messages associated to the processed payroll, including crossfoot errors.
dropped pay	Provides a simple list of selected payroll output runs retrieved from AutoPay history for dropped pays. Default associate payments information and configuration tags details will be included. You can restrict the detailed payment allocations node to only include specific sub nodes by specifying \$select options.
wage garnishments	Provides a simple list of Lien changes including the lien number and lien change code.
employment-verification	Provides details of all employees opted for employment verification

Turbo API also supports a streaming version where the API response is returned in the form of an octet-stream (binary data). The streaming version supports the levels pay, details, **payDetails**, **acc**, **acc-unpaid** and **acc-all**. It also supports the **\$skip** and **\$top** to stream only the selected employees. The summary section of the payroll is initially flushed to the caller and then each **associatePayment** is flushed one after the other.

The **\$skip** and **\$top** parameters allows retrieving 200 to 1500 employees in a single request. As the skip count increases, the response time for Turbo will also increase.

Note

Turbo **does** process and outputs the payroll data for the vast majority of MAS and NAS HCMs / Front end products (with the primary exclusion being PayForce at this time).

This includes, but is not limited to:

- Workforce Now & Workforce Now Next Gen
- Vantage
- Enterprise
- Lifion
- TotalSource

What's New in this Guide?

September 2023

- Added new configurationTags.

April 2023

- Added new level parameter value.
- Added new configurations tags at pay and detail levels.

January 2022

- Updated new \$filter parameters.

October 2021

- Updated recent added features. New new tax types for US and Canadian and also added new configuration tags.
- Updated FAQs section.
- Updated additional information regarding data usage.
- Added details of payrollAccumulations

April 2021

- Payroll output API is now also supported for Workforce Now Next Gen.

February 2021

- Updated details about old payroll requests in Turbo (Calling Historical Data section)
- Updated information about FLSA config Tag.

January 2021

- Updated some recent changes in user guide new configuration tags added. Also included Canadian related configuration tags.
- Updated a few FAQs and some additional clarifications that were added recently on our internal Turbo User guide page.
- Added earnings section in payment summary part.
- Updated IAT samples (Included samples from RATE region instead of fit and dit regions)

October 2020

- Added [Tips to Migrate from Payroll Output v1 API](#)
- Re-arranged chapters
- Moved FAQ to its own [chapter](#)

July 2020

- Updated additional details for acc-all processing in [Chapter 2 - Use Case: Getting the Details of a Payroll](#).
- Updated [Appendix - Understanding the Data Generated](#) as follows:
 - Added missing configuration tag information.
 - Added new taxes and related information for the Canadian MRN feature.
 - Added Frequently Asked Questions (FAQs) section, which are specific to this appendix.

May 2020

Added missing information, and updates from the latest Turbo v2.02 release.

April 2020

- Added process overview section under this chapter.
- Added [Chapter 3 - Use Case: Retrieving Notification for Payroll Events](#).

Process Overview

Your application could consume the Payroll Output API using any of the processes described in the following table.

Manually Triggered Process

	Actor	Task Description
1	Client Practitioner	Triggers the API-based data exchange between your application and ADP payroll products.
2	Your application	Retrieve payroll output data by calling the Payroll Output APIs.

Event-Based Process

	Actor	Task Description
1	Your application	Subscribes and monitors the Payroll Output Notification event.
2	Your application	Retrieve payroll output data by calling the Payroll Output APIs whenever a new payroll run event occurs.

Batch Process

	Actor	Task Description
1	Your application	Configures a batch process.
2	Your application	Retrieves payroll output data by calling the Payroll Output APIs per batch process configuration.

Postman Collection

Postman allows you to import a collection of APIs, created by others, so you can try them out. For more information on Postman, see [Making Your First API Call Using Postman](#).

To download API collections for the Turbo API from the ADP GitHub library and import them to Postman, go to [Turbo API Postman Collection](#).