Chapter 1

About this API

from Pay Data Input Management API Guide for DECIDIUM

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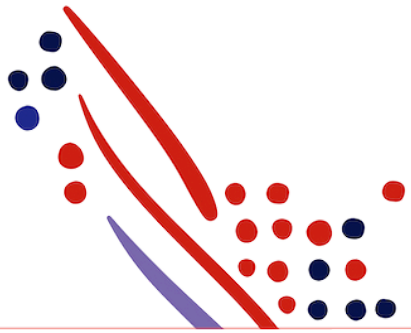

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Chapter 1

About this API

What's New in this Guide?

In this section, we will announce any new revisions to the Pay Data Input Application Programming Interface (API) and this guide.

December 2020

First revision of the document

June 2021

Update return status code in case of partially success (Responses)

Added a recommendation about payload length (Before You Begin)

October 2021

Updated Mandatory Information (SPI)

Updated Chapter 2 Use Case: Add or replace pay data input for a month

Updated Appendix A: Data Dictionary

Added Appendix B: Use cases:

- Expenses Advance
- Pay Advance

February 2022

Deletion of warning :

Warning: The URI /events/payroll/v1/pay-data-input.replace should return the response in an output section instead of a transform section to be compliant. A fix will be available with the next DECIDIUM release (February 2022).

- the API is compliant

Added new use case in Appendix B: Use cases :

- CharityRounding
- Mobility

March 2022

Updated use case in Appendix B: Use cases :

- ExpensesAdvance : new external id for payroll data code value : MealVoucherToBeDeducted

June 2022

Updated use case in Appendix B: Use cases :

- Mobility : new external id for payroll data code value

October 2024

- Adding a new section for time inputs (external time management)
- Adding effective dates for Calculation factor and payroll data
- Adding the itemID, identifier of the batch

June 2025

Added the URI GET /payroll/v1/pay-data-input (chapter 3)

Added Appendix C: Data Dictionary GET

Process Overview

The following table shows how your data connector application would be used by a client.

If you need to send pay data input :

	Actor Task	Description
1	Client Practitioner	Trigger the API-based data exchange between your application and DECIDIUM.
2	Your application	Post the pay data inputs by associate with details based on your needs.
3	DECIDIUM	Evaluates the mandatory data and consumer's option as a marketplace user
4	DECIDIUM	Return a response

Required Setup Steps

There are no required setup steps.

Postman Validation

Postman allows you to import a collection of APIs, created by others, so you can try them out. For more information on Postman, see ADP Marketplace ESI - Getting Started + Event Notifications.

Before You Begin

About payload length, the recommendation is to add pay data input details for a month only for 20 workers per call

Data Entitlement

Is important to consider that the API results are bound to the consumer's rights and population.

These rights define the reach of the visible fields in the JSON obtained in a GET method.

In a POST method, the data to be sent is, again, bound to consumer's rights

Every consumer is part of a population where he has rights to access associate's data. If the request is being made for an associate that doesn` t belong to the population then an error response will be returned

Mandatory Information (SPI)

Field Name	Schema Location	Description

Associate OID	payeePayInputs/associateOID	Specifies the associate for whom the pay data is being processed
Period Start Date	payeePayInputs/payPeriodStartDate	Represents the date when the payment element starts

Calc factors elements

Field Name	Schema Location	Description
Calculation Factor Code Value	payeePayInputs/payrollProfilePayInputs/payInputs/calculationFactorInputs/ calculationFactorCode/codeValue	Represents the Calc factors elements code which is linked to calc factors element. **See values in Appendix B: Use cases**
Calculation Factor Rate Base Code Value	payeePayInputs/payrollProfilePayInputs/payInputs/calculationFactorInputs/ calculationFactorRate/baseUnitCode/codeValue	The value associated with the element
Configuration Tags Code	payeePayInputs/payrollProfilePayInputs/payInputs/calculationFactorInputs/ configurationTags/tagCode	The identifier calc factors element (can be empty)

Payroll data

Field Name	Schema Location	Description
Earning Code Value	payeePayInputs/payrollProfilePayInputs/payInputs/earningInputs/earningCode/ codeValue	Represents the payroll data code which is linked to the payment input. **See values in Appendix B: Use cases**
Earning Input Rate Value	payeePayInputs/payrollProfilePayInputs/payInputs/earningInputs/rate/rateValue	The rate associated with the payment (can be empty)
Earning Input Rate BaseMultiplierValue	payeePayInputs/payrollProfilePayInputs/payInputs/earningInputs/rate/ baseMultiplierValue	The amount associated with the payment (can be empty)
Earning Input Number of Hours	payeePayInputs/payrollProfilePayInputs/payInputs/earningInputs/numberOfHours	The number associated with the payment (can be empty)
Pay Allocation	payeePayInputs/payrollProfilePayInputs/payInputs/payAllocation/allocationID	Represents the Zadig Imputation code (can be empty)

Time data

Field Name	Schema Location	Description
Time inputs code value	/payDataInput/payeePayInputs/payrollProfilePayInputs/timeInputs/timeSegments/segmentClassifications/classificationCode/codeValue	Code of the incident
Time inputs quantity value	/payDataInput/payeePayInputs/payrollProfilePayInputs/timeInputs/timeSegments/segmentQuantity/quantityValue	Number of hours (can be empty for incident in full day)
Time inputs start date	/payDataInput/payeePayInputs/payrollProfilePayInputs/timeInputs/timeEvaluationPeriod/startDate	
Time inputs end date	/payDataInput/payeePayInputs/payrollProfilePayInputs/timeInputs/timeEvaluationPeriod/endDate	