

Chapter 5

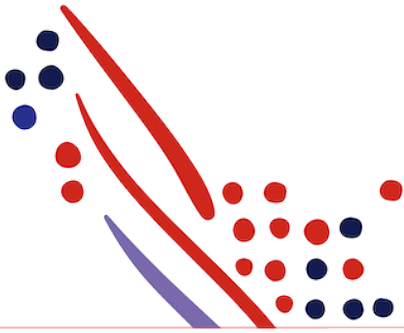
Worker Pay Distribution API Guide

from ESI Marketplace API Catalog for ADP
GlobalView

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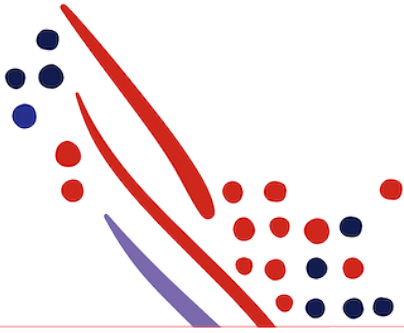
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ESI Marketplace API Catalog for ADP GlobalView

Worker Pay Distribution API Guide

About this API

Summary

The Pay Distributions API Guide for ADP GlobalView describes how your application can access and manage pay distribution information of workers in the ADP GlobalView application. It helps you to determine which use case best meets your business needs. It also guides you through the implementation of each use case.

Overview

GlobalView offers APIs to retrieve the list of pay distributions available for a specific employee. Pay distributions determine how a worker's pay is divided (e.g. 50% to savings, \$100 on a paycard, and the remaining in check).

Required Setup Steps

To support the B2B use case, a Communication User (Practitioner) must be created in GlobalView to provide access to the client's pay distribution via your application. Otherwise, employees must have ADP log-on credentials and SSO must be established to retrieve their own pay distributions. The Consumer App set-up must be complete.

Before You Begin

ADP provides the following Pay Distribution API to stay in synch with an ADP application and do the following:

- Retrieve Pay distribution list for a given employee based on AOID.
- Retrieve Pay distribution details for a given employee based on distribution Id.

Application Scope

The canonical URI corresponding to the API needs to be added in the Consumer Application Registry (CAR) for the subscription following which a user can access this API and make successful API calls.

The following canonical needs to be added to your application scope to enable this use case:

`/payroll/payrollManagement/payrollInstructionManagement/payDistributionManagement/worker.payDistribution.read`

Sequence of Interactions

The below sequence diagram shows the sequence of actions between client application and GlobalView application.

1. Client application makes an API call to retrieve the Pay distributions list by passing the associate-oid of the user.
2. The marketplace receives the request and then forwards the call to GlobalView which returns the pay distribution list response json.

Error Message Format

The application returns an error message in a common format which has all the information about the problem. Below is the format of the Error message.

```
{
  "confirmMessage": {
    "confirmMessageID": {
      "idValue": "6a573740-cd28-11ed-a87b-005056b820c0",
      "schemeName": "confirmMessageID",
      "schemeAgencyName": "GV"
    },
    "createDateTime": "2023-03-27T23:21:38-06:00",
    "requestReceiptDateTime": "2023-03-27T23:21:38-06:00",
    "protocolStatusCode": {
      "codeValue": "404"
    },
    "protocolCode": {
      "codeValue": "http"
    }
  }
}
```

```

},
"requestStatusCode": {
  "codeValue": "failed"
},
"requestMethodCode": {
  "codeValue": "GET"
},
"requestLink": {
  "href": "/payroll/v2/workers/E13936WKVN26769J/pay-distributions?asOfDate=20230123",
  "rel": "related",
  "method": "GET"
},
"resourceMessages": [
  {
    "resourceMessageID": {
      "idValue": "6a573740-cd28-11ed-a87b-005056b820c0",
      "schemeName": "resourceMessageID",
      "schemeAgencyName": "GV"
    },
    "resourceStatusCode": {
      "codeValue": "failed"
    },
    "processMessages": [
      {
        "processMessageID": {
          "idValue": "6a573740-cd28-11ed-a87b-005056b820c0",
          "schemeName": "processMessageID",
          "schemeAgencyName": "GV"
        },
        "resourceStatusCode": {
          "codeValue": "failed"
        },
        "messageTypeCode": {
          "codeValue": "error"
        },
        "userMessage": {
          "messageText": "No Employee(s) found with the applied filters on the employee data"
        }
      }
    ]
  }
]
}
}
}

```

Responses

You may encounter exceptions outside your common success scenarios. You must account for these exceptions during your initial development.

Response Code	Response Description
200 OK	Retrieves pay distributions of a single worker
400 Bad Request	Bad request, e.g. incorrect query parameter
401 Unauthorized	The user is not authorized to access the API or retrieve the requested data
404 Not Found	The resource cannot be found, e.g. an invalid associate-oid
405 Method Not Allowed	An incorrect HTTP method has been used, e.g. POST instead of GET
412 Precondition Failed	Required header is not provided
413 Payload Too Large	The requested payload is too large to be managed
429 Too Many Requests	The consumer has sent more requests than is allowed by the server.
500 Internal Server error	Internal Server error

503 Service Unavailable	The service is not available
-------------------------	------------------------------

Use Case: Retrieving Pay Distributions

Before You Begin

The Pay distributions API is used to retrieve the list of pay distribution divisions for a particular employee.

This API returns the following information:

- distributionPurposeCode
- distributionStatusCode
- distributionInstructions
- payrollFileNumber
- payrollGroupCode

API Usage

Method	Uniform Resource Identifier (URI)	Description
GET	/payroll/v2/workers/{associate-oid}/pay-distributions	Retrieve the list of pay distributions for an employee

associate-oid: The associate-oid of the employee as registered in ADP registry.

Request Headers

This API needs the below request headers to be provided by the client application.

Header	Description	Required
ADP-Context-ExpressionID	A single 2-character country ISO Code in the format country='XX'	True only when a worker has employment records in multiple countries.

Query Parameters

Parameter	Description
asOfDate	Specifies the retrieval of pay distributions as of given date

Use Case: Retrieving a Pay Distribution Details

Before You Begin

The Pay distribution Details API is used to retrieve a particular pay distribution instruction detail for a particular employee.

This API returns the following information:

- distributionPurposeCode
- distributionStatusCode
- distributionInstructions

- payrollFileNumber
- payrollGroupCode

API Usage

Method	Uniform Resource Identifier (URI)	Description
GET	/payroll/v2/workers/{associate-oid}/pay-distributions/{pay-distribution-id}	Retrieve an individual pay distribution instruction detail for an employee

associate-oid: The associate-oid of the employee as registered in ADP registry.

Request Headers

This API needs the below request headers to be provided by the client application.

Header	Description	Required
ADP-Context-ExpressionID	A single 2-character country ISO Code in the format country='XX'	True only when a worker has employment records in multiple countries.

Appendix A: Data Dictionary

The data dictionary provides the schema resource to application user interface field mapping.

JSON Fields	Data mapping	Data mapping Descriptions
payDistributions/itemID		
payDistributions/workerID/idValue	Global Id of Employee	Unique Identifier of Employee in HR SOR
payDistributions/workerID/schemeCode/codeValue	Fixed Value EID	Fixed Value EID
payDistributions/workerID/schemeCode/longName	Value Employee ID	Fixed Value Employee ID
payDistributions/payrollFileNumber	Employee Number	Employee Unique identifying Number in Payroll System
payDistributions/payrollGroupCode/codeValue	Pay Group	Pay Area/ Group Code for the Employee
payDistributions/payrollGroupCode/longName	Pay Group	Pay Area/Group description
payDistributions/requestedStartDate	Date in YYYY-MM-DD	Start Date in YYYY-MM-DD
payDistributions/distributionPurposeCode/codeValue	Pay Distribution Purpose	Pay Distribution transfer purpose code value

payDistributions/distributionPurposeCode/longName	Pay Distribution Purpose	Pay Distribution transfer purpose description value
payDistributions/distributionStatusCode/codeValue	Pay Distribution Status	Pay Distribution status code
payDistributions/distributionStatusCode/longName	Pay Distribution Status	Pay Distribution status description
payDistributions/distributionStatusCode/effectiveDate	Date in YYYY-MM-DD	Effective Date in YYYY-MM-DD
payDistributions/distributionInstructions/itemID		
payDistributions/distributionInstructions/paymentMethodCode/codeValue	Payment Method	Code value of the Payment Method
payDistributions/distributionInstructions/paymentMethodCode/longName	Name of Payment Method in Language of the Country	Country specific name for the payment method
payDistributions/distributionInstructions/instructionStatusCode/codeValue	Distribution Instruction Status	Distribution Instruction status code
payDistributions/distributionInstructions/instructionStatusCode/longName	Distribution Instruction Status	Distribution Instruction status description
payDistributions/distributionInstructions/instructionStatusCode/effectiveDate	Date in YYYY-MM-DD	Effective Date in YYYY-MM-DD
payDistributions/distributionInstructions/depositAccount/IBAN	IBAN (International Bank Account Number)	Identification of an overseas bank account
payDistributions/distributionInstructions/depositAccount/financialParty/nameCode/longName	Bank Control Key Description	Deposit account details
payDistributions/distributionInstructions/depositAccount/financialParty/SWIFT Code	SWIFT/BIC Code	Unique identifier of a bank throughout the world.
payDistributions/distributionInstructions/depositAccount/financialParty/address/lineOne	Bank Control Key Description	Deposit account details
payDistributions/distributionInstructions/depositAccount/financialParty/address/cityName	Bank Control Key Description	Deposit account details
payDistributions/distributionInstructions/depositAccount/financialParty/address/countryCode	Bank Control Key Description	Deposit account details
payDistributions/distributionInstructions/depositAccount/financialParty/branchNameCode/codeValue	Bank Control Key Description	Deposit account details

payDistributions/distributionInstructions/depositAccount/financialParty/branchNameCode/longName	Bank Control Key Description	Deposit account details
payDistributions/distributionInstructions/depositAccount/financialAccount/accountNumber	Bank account number	Account number under which the account is managed at the bank.
payDistributions/distributionInstructions/depositAccount/financialAccount/accountName	Payee Text	Name of the Payee
payDistributions/distributionInstructions/depositAccount/financialAccount/typeCode/codeValue	Bank Control Key	Contains a combination of Bank Number and Bank Account Number or an account specific information
payDistributions/distributionInstructions/depositAccount/financialAccount/typeCode/longName	Bank Control Key Description	Deposit account details
payDistributions/distributionInstructions/depositAccount/financialAccount/currencyCode	Payment Currency	Currency in which the Payment is to be made
payDistributions/distributionInstructions/depositAccount/financialAccount/rollNumber	PO Bank Current Acct No. or Building Society Ref. No.	
payDistributions/distributionInstructions/payee/payeeName/formattedName	Payee Text	Name of the Payee
payDistributions/distributionInstructions/distributionAmount/amountValue	Standard value	Value of the employee's wage/salary transferred as part of this distribution
payDistributions/distributionInstructions/distributionAmount/currencyCode	Payment Currency	Currency in which the Payment is to be made
payDistributions/distributionInstructions/distributionPercentage	Standard Percentage	Percentage of the employee's wage/salary transferred as part of this distribution
payDistributions/distributionInstructions/remainingBalanceIndicator	Boolean True or False	Indicate if the entire remainder of the net pay should be distributed.
payDistributions/distributionInstructions/depositAccount/financialParty/routingTransitID/idValue		

Frequently Asked Questions (FAQs)

Question 1: How do I get multiple employees Pay Distribution list?

Answer: To get the list of pay distributions for multiple employees, you need to make multiple calls with each call having each employee AOID.

Question 2: What information will I get if the asOfDate parameter value is not being passed in the request call?

Answer: Since asOfDate parameter value is blank in the request, the information will be provided based on the application's current date and time.

