



Get Notifications

This API allows ERP system to query for previously sent notifications.

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Overview

MyInvois System supports (i) sending out notification via email and (ii) storing the notification in notification history. The ERP system are able to utilise the Get Notification API to query the notification history to obtain the notifications. Note that reliance on notifications for implementing entire e-Invoice workflow is optional and it is provided as an additional functionality that can be leveraged.

System limits the number of the notifications that can be received through a single request by implementing paging mechanism for this API.

List of notifications is ordered based on descending notification date.

Signature

This is REST based API that takes optional URL parameters to do data filtering and also enable paging.


Signature: `GET /api/v1.0/notifications/taxpayer?dateFrom={dateFrom}&dateTo={dateTo}&type={type}&language={language}&status={status}&channel={channel}&pageNo={pageNo}&pageSize={pageSize}`

Inputs

This API accepts standard e-Invoice API header parameters for authenticated call.

URL parameters accepted:

URL PARAMETER	TYPE	DESCRIPTION	VALUE EXAMPLE
dateFrom	DateTime	Optional: start date and time for notifications to retrieve based on	2015-02-

URL PARAMETER	TYPE	DESCRIPTION	VALUE EXAMPLE 
		the date sent	13T14:20:10Z
dateTo	DateTime	Optional: end date and time for notifications to retrieve based on the date sent	2015-02-14T14:20:10Z
type	String	Optional: type of notifications to retrieve specified as ID of the type. See Notification types	2
language	String	Optional: used to get notifications only if they were sent out in a specific language. Values: <code>ms</code> and <code>en</code>	en
status	String	Optional: used to get notifications of certain status only, e.g., only those that were not delivered. Values: <code>pending</code> , <code>batched</code> , <code>delivered</code> , <code>error</code>	delivered
channel	String	Optional: used to get notifications delivered over certain channel only. Values: <code>email</code> , <code>push</code>	email
pageNo	Number	Optional: number of the page to retrieve. Typically this parameter value is derived from initial parameter less call when caller learns total amount of page of certain size	3
pageSize	Number	Optional: number of the packages to retrieve per page. Page size cannot exceed system configured maximum page size for this API which is 100	20

Notification Types

To be determined later.

Outputs

Successful Response

This API returns HTTP status code `200`.

The resulting structure is part of a single object containing `result` structure and `metadata` structure.

OUTPUT PARAMETER	TYPE	DESCRIPTION	VALUE EXAMPLE
result	Notification[]	Array of notification objects	See structure
metadata	Metadata	Information about the results retrieved or results matching	See structure


OUTPUT PARAMETER	TYPE	DESCRIPTION	VALUE EXAMPLE
		the query	

Notification

OUTPUT PARAMETER	TYPE	DESCRIPTION	VALUE EXAMPLE
notificationId	String	Unique ID of the notification.	73DKLJHH78N JUHQ
receivedDateTime	DateTime	The date and time when notification was sent out	2015-02-13T14:20:10Z
deliveredDateTime	DateTime	Optional date time when notification was delivered	2015-02-13T14:23:10Z
typeId	String	Id of the type of the message	34
typeName	String	Type name of the message	Invoice received
finalMessage	String	Optional: final message that was sent out - depends on the channel	Taxpayer 893838273 has received new documents
channel	String	Channel used for delivery. Values: <code>email</code> , <code>push</code>	email
address	String	Channel address that was used to deliver the message	test@test.com
language	String	Language used for delivery. Values: <code>ms</code> , <code>en</code>	en
status	String	Status of the notification delivery. Values - <code>pending</code> , <code>batched</code> , <code>delivered</code> , <code>error</code>	delivered
deliveryAttempts	<u>Delivery Attempt[]</u>	Structure containing information about delivery attempts of the notification or its batch (if batched with others and delivered together)	See structure.

Delivery Attempt

OUTPUT PARAMETER	TYPE	DESCRIPTION	VALUE EXAMPLE
attemptDateTime	DateTime	Date time when delivery was attempted.	2015-02-13T14:20:10Z

OUTPUT PARAMETER	TYPE	DESCRIPTION	VALUE EXAMPLE	
status	String	Status of the notification delivery. Values - <code>delivered</code> , <code>error</code>	delivered	
statusDetails	String	Error message in case of error in delivery	Cannot connect to system URL supplied	

Metadata

OUTPUT PARAMETER	TYPE	DESCRIPTION	VALUE EXAMPLE
totalPages	Number	Total count of pages based on the supplied (or default) page size	23
totalCount	Number	Total count of matching objects	157

Error Response

Error situations are reported back by this API through the standard error response.

No custom error codes are provided by this API.

Additional considerations

Maximum page size allowed is defined by e-Invoice system administrators.

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MyInvois

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