



PROVIDING ARTICLE STATUS REPORTS (ASR)

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This customer document describes all the functions known today. It is possible that some functions are described that are not available to the customer. The exact functionality is dependent on the selected edition and the current release.

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TABLE OF CONTENTS

1. ASR AT A GLANCE	5
1.1 FLOWCHART	5
1.2 FREQUENCY	5
1.3 ASR PUSH	5
ASR PUSH TB.ONE	6
ASR PUSH TB.MARKET	6
1.4 ASR STRUCTURE	7
2. EXAMPLE JSON	11

1. ASR AT A GLANCE

The Article Status Report (ASR) is an additional tool for TB.One/TB.Market including an easy and precise overview of the articles' status at the channel. The channel provides this report via REST API.

The ASR answers the following questions:

- Is the article online?
- If not: Why is it offline?

Since the ASR indicates why an article could not go live on the channel, the brand (resp. the supplier) can derive precise measures for error resolution.



Only per request, this tool is activated in a TB.One/TB.Market account.

1.1 FLOWCHART

The ASRs are generated in your system and provided in TB.One/TB.Market. The brand (resp. the supplier) can download the reports as JSON files in the channel settings.



1.2 FREQUENCY

The brands/suppliers compare each day's ASR file with the previous one.



Deliver a **full ASR daily!**

It is also possible to deliver delta ASR files, if needed.

1.3 ASR PUSH

Via REST interface, the data feed from your system will be pushed directly into a TB.One/TB.Market.

ASR PUSH TB.ONE

REST URL for transferring your data feed to a TB.One:

```
https://rest.core.tradebyte.com/HNR/articles/statusreport/?channel=CHANNEL_ID
```

Explanation of the placeholders:

- HNR = account ID
- CHANNEL_ID = channel ID

Header information:

```
-- header 'Content-Type: application/json'
```

Validation: Check if body is a valid JSON

Server response:

```
{"code":200,"error":false,"message":"Success"}  
  
{"code":406,"error":true,"message":"Invalid content"}
```

ASR PUSH TB.MARKET

REST URL for transferring your data feed to a TB.Market:

```
https://rest.core.tradebyte.com/HNR/articles/statusreport/?  
channel=CHANNEL_ID&supplier=SUPPLIER_ID
```

Explanation of the placeholders:

- HNR = account ID (TB.Market)
- CHANNEL_ID = channel ID
- SUPPLIER_ID = supplier ID

Header Information:

```
-- header 'Content-Type: application/json'
```

Validation: Check if body is a valid JSON

Server response:

```
{"code":200,"error":false,"message":"Success"}  
  
{"code":406,"error":true,"message":"Invalid content"}
```

1.4 ASR STRUCTURE

The following table shows the structure of the JSON file and describes the possible fields.



Some fields are mandatory, while others are only optional.

EXPLANATION

✓ = mandatory (included in every ASR)



= optional

FIELD NAME	FIELD TYPE	DESCRIPTION	MANDATORY?
report	object	Includes all reports of the ASR	✓
identifier	string	Reference to identify the product or article  Must be unique. It is possible to transmit multiple messages per article. A message with the same reference (= "identifier") can be transmitted with different status messages (= "additionalInformation").	✓
identifierSource	enum[string]	One of these reference sources must be assigned: ▪ EAN (preferred) ▪ GTIN ▪ ARTICLE_NUMBER ▪ PRODUCT_NUMBER  Must be unique / EAN is preferred.	✓

FIELD NAME	FIELD TYPE	DESCRIPTION	MANDATORY?
status	enum[string]	One of these statuses must be provided: ▪ ONBOARDING ▪ ONLINE ▪ ERROR ▪ WARNING ▪ HINT ▪ PENDING ▪ ACCEPTED ▪ REJECTED ▪ OFFLINE ▪ ONLINE_READY ▪ RESTRICTED ▪ INACTIVE	✓
created	ISO 8601	Date and time of status creation, e.g.: "2022-04-22T15:00:45+00:00" "2022-05-11T13:23:51Z" // Denotes UTC or +00:00	✓
additionalInformation	object	Additional information, especially in case of errors (not necessary for the status "online")	💡
description	string	Description of the report message	💡
statusCode	string	The channel's unique status code	✓
solution	string	Recommended solution to fix the error or warning	💡
responsible	string	Shows who is in charge of fixing the error or warning. Possible values: ▪ brand ▪ channel	💡

FIELD NAME	FIELD TYPE	DESCRIPTION	MANDATORY?
channelIdentifier	string	Reference identifying the article/product at the channel	
channelIdentifier Source	string	Possible reference sources: ▪ CHANNEL_ARTICLE_NUMBER ▪ CHANNEL_ARTICLE_IDENTIFIER ▪ CHANNEL_PRODUCT_NUMBER ▪ CHANNEL_PRODUCT_IDENTIFIER	
channelArticleSize	string	The article size used by the channel Example: M or UK 10	
channelArticleColor	string	The article color used the channel Example: blue	
channelArticleCategory	string	The article category used by the channel Example: jacket	
channelArticleSeason	string	The current article season used by the channel Example: "20251" or "allseasons"	
channelAgeGroup	string	The current article age group used by the channel Example: "adult" or "baby"	
channelGender	string	The current article gender used by the channel Example: "unisex", "female" or "male"	
comment	string	Comment for the status	
articleIdentifier	string	Article identifier	
articleNumber	string	Article number	
productIdentifier	string	Product identifier	

FIELD NAME	FIELD TYPE	DESCRIPTION	MANDATORY?
productNumber	string	Product number	
integrationCode	string	Integration reference	
integrationAttribute	string	Integration attribute	
integration	string	Integration description	
channel	array[string]	Channel	
rejectionCode	string	Rejection reference	
rejectionLabel	string	Rejection label	
rejection	string	Rejection description	
warningCode	string	Warning reference	
warning	string	Warning description	
price	string	Sales price	
sellingModel	string	Business model (e.g. wholesale)	
various property name	string	For further information, contact your Solution Delivery Managers	

2. EXAMPLE JSON

```
{
  "report": [
    {
      "identifier": "6024-27-135200",
      "identifierSource": "ARTICLE_NUMBER",
      "status": "ERROR",
      "created": "2023-04-22T15:00:45+00:00",
      "additionalInformation": {
        "description": "Wrong category",
        "statusCode": "22",
        "solution": "Use the correct category for the according article.",
        "responsible": "channel",
        "comment": "Please select sneakers instead of pumps."
      }
    },
    {
      "identifier": "4030646270334",
      "identifierSource": "EAN",
      "status": "ONLINE",
      "created": "2023-04-22T15:00:45+00:00"
    },
    {
      "identifier": "6024-27-135200",
      "identifierSource": "ARTICLE_NUMBER",
      "status": "WARNING",
      "created": "2023-04-22T15:00:45+00:00",
      "additionalInformation": {
        "description": "onboarding",
        "statusCode": "17",
        "comment": "Estimated onboarding time: 2 days",
        "channelIdentifier": "65456185",
        "channelIdentifierSource": "CHANNEL_ARTICLE_NUMBER"
      }
    },
    {
      "identifier": "6024-27-135200",
      "identifierSource": "ARTICLE_NUMBER",
      "status": "ERROR",
      "created": "2023-04-22T15:00:45+00:00",
      "additionalInformation": {
        "description": "Title length",
        "statusCode": "22",
        "solution": "Title length must be between 30-200 characters.",
        "responsible": "channel",

```

```
        "comment": "Please increase or decrease the length of your title."
    }
}
}
]
```



It is possible to provide multiple status (error) messages per article that share the same identifier.