Mintec Analytics v 2.7
Release Notes

11.05.2020

ISO 27001 CERTIFIED
British Assessment Bureau

mintecglobal.com

SUPPORTED BROWSERS

	GOOGLE CHROME	INTERNET EXPLORER	FIREFOX	MICROSOFT EDGE
Mintec Analytics	Latest *	11 +	52.0 +	13+

APPLICATION TESTED ON BELOW BROWSER VERSIONS (UPDATE THE FOLLOWING FOR EACH RELEASE)

Google chrome – Latest version 68.0.3440.106 (Official Build) (64-bit)

Internet Explorer – 11.175.18362.0

Firefox – 52.0 +

Microsoft Edge – Latest version

* The term "latest version" is defined by the browser vendors. Please use the support for the browser(s) to understand "latest version".

SUPPORTED SCREEN SIZES

Large desktop - 1920 x 1080

Small Desktop - 1366 x 768

IMPORT API

A new feature has been developed providing clients with the ability to import any third party/supplier data into Mintec Analytics; offering significant benefits to Clients. The new Import API is:
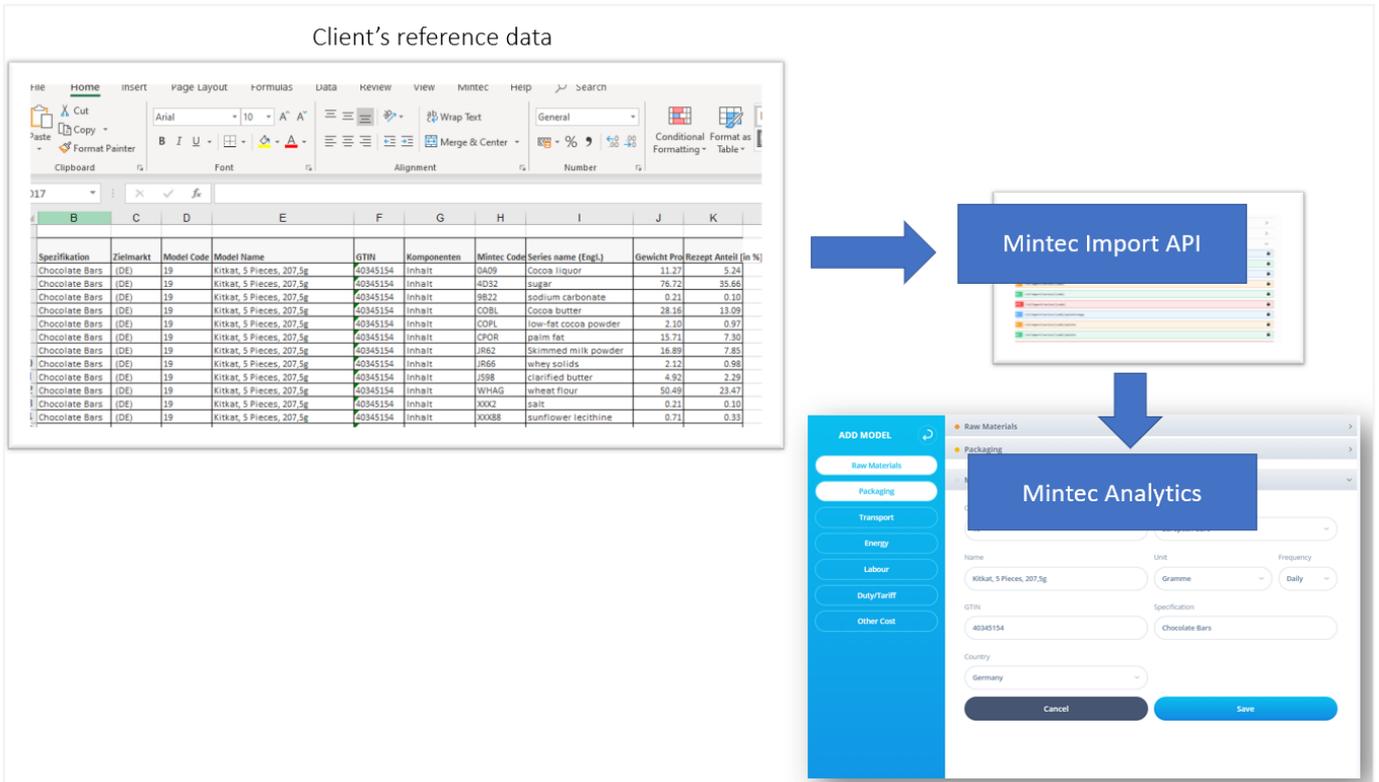A modern RESTful API that provides programmatic access to allow clients to bring their own/third-party data and cost models into Mintec Analytics for further analysis and benchmarking

- Available to all subscription levels:
    - Basic
    - Advanced
    - Premium

- This is a value-added feature at no additional charge

- Client Benefits:
    - Seamless integration of cost models from client's reference system.
    - Import API will allow an integration to be built, avoiding manual process and duplicate entry.
    - Quick set up, secure, comes with comprehensive technical documentation
    - Provide ability to import any third party/supplier data or cost models one by one or at scale into Mintec Analytics.
    - Clients could have a single platform for benchmarking Mintec and their supplier prices, and analysing cost models.

- Scenario: Import cost models into Mintec Analytics using Import API

Client's reference data

ACCESS

The API service endpoint will be https://public-api.mintecanalytics.com/v1/import
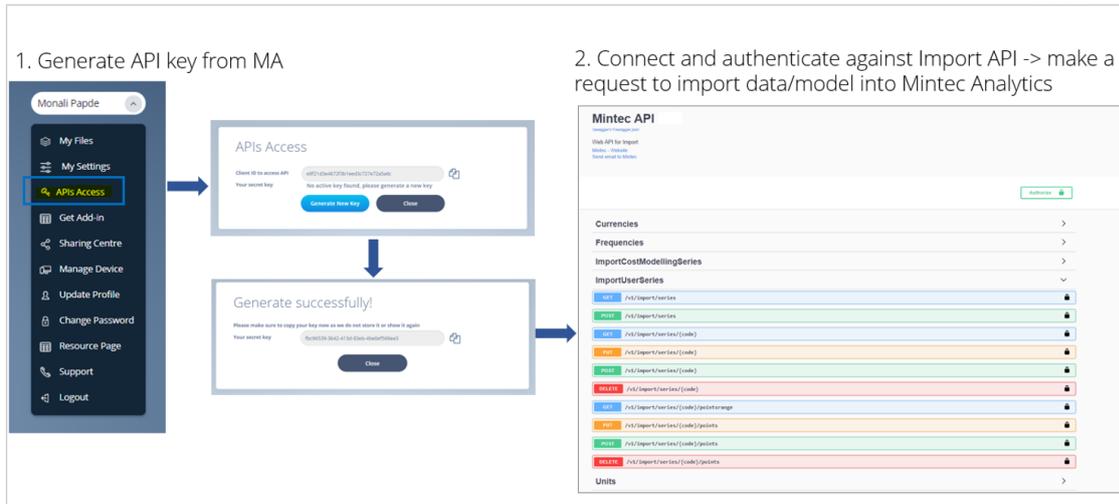
AUTHENTICATION AND AUTHORISATION

The API uses OAuth 2.0 with a key that is provisioned via the user profile in Mintec Analytics to obtain a secure token and access is available over https only. The application must obtain a bearer token and submit this with every request.

The following information is required to obtain a token as an example:

Property	Value	Description
Authority	https://identity.mintecanalytics.com/connect/token	Endpoint used to authenticate the user against the service.
client_id	ebcc725e95d89b2bccf89b351471fb28	Available from Mintec Analytics, user profile, APIs Access
client_secret	ee094a61-8111-4479-bb6f-af61ca27b7ce	Generated from Mintec Analytics, user profile, APIs Access
grant_type	client_credentials	
scope	import_api	Scope must be set correctly

If client have access to Mintec's Export API then they can utilise the same API key with the appropriate scope.

CLIENT SET-UP TO ACCESS API TOKEN

KEY FEATURES / FUNCTIONS

Series import

- User will be able to IMPORT and UPDATE series into Mintec Analytics via the following API actions:
    - **POST** – Allow client to import one or bulk upload of new series into Mintec Analytics
    - **PUT** – Edit existing imported series by adding new data points to continue series or modify data points
    - **GET** - Get list of all imported series or specific series in Mintec Analytics.
    - **DELETE** – Delete specific imported series

End Points – Requests the user can make through Import API, as follows:

- Bulk Import – User can use POST /v1/import/series to import user own data in Bulk

Cost Model Import

- User will be able to IMPORT and UPDATE cost models into Mintec Analytics via the following API actions:

  - **POST –** Allow client to import one or bulk upload multiple cost models into Mintec Analytics

  - **PUT –** Edit/update existing cost model by changing raw materials or adding some new components

  - **GET -** Get list of all cost models or specific cost models in Mintec Analytics. This will also allow to get components for cost model

  - **DELETE –** Delete specific cost model or components of cost models

  End Points – Requests the user can make through Import API, as follows:

GET	/v1/import/costmodels	🔒
POST	/v1/import/costmodels	🔒
GET	/v1/import/costmodels/model/{code}	🔒
PUT	/v1/import/costmodels/model/{code}	🔒
DELETE	/v1/import/costmodels/model/{code}	🔒
GET	/v1/import/costmodels/model/{code}/components	🔒
PUT	/v1/import/costmodels/model/{code}/components	🔒
POST	/v1/import/costmodels/model/{code}/components	🔒
DELETE	/v1/import/costmodels/model/{code}/components	🔒
GET	/v1/import/costmodels/model/{code}/rebalance	🔒

- Bulk Import - User can use POST /v1/import/costmodels to import cost models in bulk into Mintec Analytics.

Additional End Points

The Import API also provide currency, unit and frequency end points to support list of currencies, units and frequencies supported by Mintec.
Get list of currencies – GET/v1/currencies
Get list of units - GET/v1/units
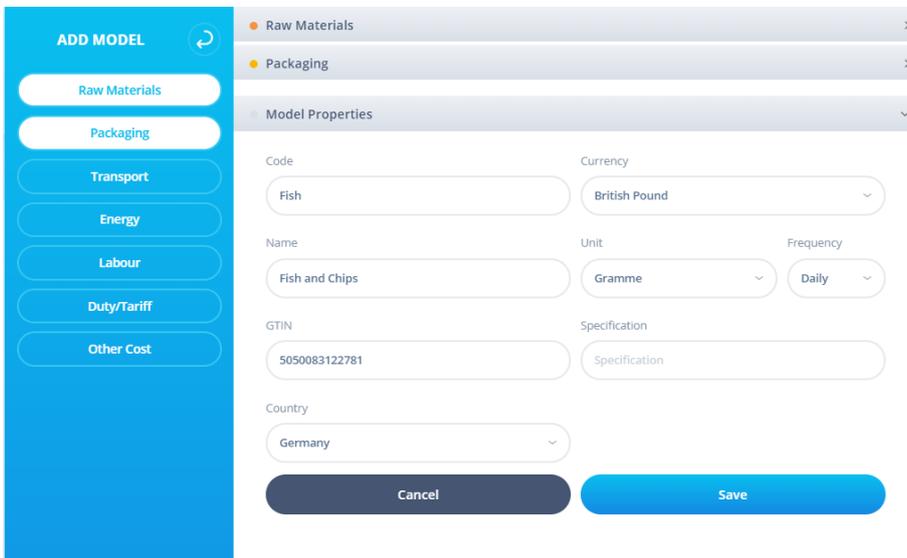Get list of frequencies – GET/v1/frequencies

API Response and Error codes

The API returns appropriate standard response codes and statuses for every request.

Code	Text	Description
200	OK	Success.
400	Bad Request	The request was invalid or cannot be otherwise served.
401	Unauthorized	Authentication credentials were missing or incorrect.
403	Forbidden	The request is understood, but it has been refused or access is not allowed.
404	Not Found	The URI requested is invalid or the resource requested.
429	Too Many Requests	Returned when a request cannot be served due to the application's rate limit having been exhausted for the resource.
500, 501, 502 etc	Internal Server Error	Something is broken. Please contact Mintec Support so the Mintec team can investigate.

ADDITIONAL MA ENHANCEMENTS / IMPROVEMENTS

- User will have ability to create / update a model with additional optional information:
    o GTIN,
    o Specification,
    o Country

This parameter will give flexibility for user to create model with GTIN. Also, by target market by choosing appropriate country.

- On Commodity, Customised dashboards user will have ability to view imported data in future. This is specifically if user has used import API to upload the data in future. This functionality will be extended in Mintec Analytics Import function in future version of Mintec Analytics.

API will allow clients to import their data up to 3 years in future. This imported data can be visualised on Mintec Analytics. The end date on chart setting has been extended for user to view imported data in future.

Bug Fixes:

Bug #1: No Scroll Bar on import data amendment screen. This issue has been resolved and scroll bar is now available on import data amendment screen.

Known Issues:

Issue #1: Import API: Ability to create cost model using metadata and components together as one endpoint. This is planned to be delivered next release of import API.