

# BoM API Overview

18/06/2025 4:54 pm BST

Tags: [bom api](#)

Eyelit offers integration with third-party applications through the use of a Public API. A series of endpoints are exposed and can be called by an external system (normally a middleware provider) to make changes directly within a given instance of the Eyelit software. The calls to these endpoints are performed through the use of pre-formatted JSON packets and are authorised through OAuth 2.0. For detail on the authorisation process, see [Authentication](#).

This documentation provides technical information on the endpoints available to call through the Eyelit MES-M Public API relating specifically to the 'BoM' functionality. The endpoints covered are listed in Table 1.

Table 1 - Summary of BoM-Related Public API Endpoints

API Endpoint	High Level Description
/api/BomType/List	Reads existing Bom Types within MESTEC and returns a payload
/api/BomType/Upsert	Creates a Bom Type or updates a Bom Type that already exists within MESTEC
/api/BomType/Delete	Deletes an existing Bom Type if it has not been used
/api/Bom/List	Reads existing Boms within MESTEC and returns a payload
/api/Bom/Upsert	Creates a Bom or updates a Bom that already exists within MESTEC
/api/Bom/Delete	Deletes an existing Bom if it has not been used
/api/BomVersion/List	Reads existing Bom Versions within MESTEC and returns a payload
/api/BomVersion/Upsert	Creates a Bom Version or updates a Bom Version that already exists within MESTEC
/api/BomVersion/Delete	Deletes an existing Bom Version if it has not been used
/api/BomSlot/List	Reads existing Bom Slots within MESTEC and returns a payload
/api/BomSlot/ListCandidates	Reads existing Bom slot candidates within MESTEC and returns a payload
/api/BomSlot/ListProperties	Reads existing Bom slot properties within MESTEC and returns a payload
/api/BomSlot/Upsert	Creates a Bom slot or updates a Bom slot that already exists within MESTEC
/api/BomSlot/UpsertCandidates	Creates a Bom slot candidate or updates a Bom slot candidate that already exists within MESTEC
/api/BomSlot/UpsertProperties	Sets the value of a Bom slot property
/api/BomSlot/Delete	Deletes an existing Bom slot if it has not been used
/api/BomSlot/ClearProperty	Clears the value from a Bom slot property
/api/BomSlot/DeleteCandidate	Deletes an existing Bom slot candidate if it has not been used