Material Item API Overview

27/03/2026 2:07 pm GMT

Material Item

Tags: 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 Public API relating specifically to the 'Material Item' functionality. The endpoint covered are listed in Table 1.

Table 1 - Summary of Material Item-Related Public API Endpoints

API Endpoint	High Level Description
/api/MaterialItem/GetByFilter	Reads existing Material Items within MESTEC and returns a payload
/api/MaterialItem/Update/{id}	update existing material item within MESTEC
/api/MaterialItem/Get/{id}	Reads existing Material Items by id within MESTEC and returns a payload
/api/MaterialItem/Receive	Receive a new material item into the stock
/api/MaterialItem/ItemAdjust	Adjust the quantity of an existing material item