

## StockTrim API Products

<https://api.stocktrim.com/api/products>

POST – Add or Update a product

Required Post Body JSON:

ProductId	String	Your product code, or id of the product. Must be unique. Products are matched on this – if a product with this code already exists, this request will update it, otherwise this request will create a new product.
Name	String	The name of the product
Category	String	
SubCategory	String	
ServiceLevel	String	
LeadTime	Integer	The supplier lead time (in days)
StockOnHand	Decimal	The current stock on hand (on shelf) of the product. Units must be consistent with all products
StockOnOrder	Decimal	The current stock on order, due to arrive soon. Units must be consistent with all products
Cost	Decimal	The buy price
Price	Decimal	The sell price
Suppliers	List of 'Supplier'. See below for definition and example	The suppliers of this product. If none are matched on the 'SupplierId', a new supplier will be created.
ForecastPeriod	Integer	Override the lead time as the period to forecast
ManufacturingTime	Integer	The time it takes to manufacture this product (if applicable)
OrderFrequency	Integer	The period in days of how often this product is ordered from your suppliers
MinimumOrderQuantity	Decimal	The minimum order quantity. Suggested orders are topped up to this level

MinimumShelfLevel	Decimal	Minimum Shelf Level. Suggested orders are increased by this amount.
MaximumShelfLevel	Decimal	Maximum Shelf Level. Suggested orders are capped to this amount
Discontinued	Boolean	Set whether this item is 'discontinued' or obsolete.
Unstocked	Boolean	Set whether this item is not stocked (eg: labour, or items that are ordered on demand).
StockLocations	List of 'StockLocation'. See below for definition and example	The list of the stock on hand and stock on order at each location. If no locations match the 'Location Code' then a new location will be created
ParentId	String	Only applicable if this product is a variant – this is the id of the parent product (eg: if this is a red widget, with the ProductId 'ABC-R', then this would have 'ABC' as the ParentId of the main widget (previously imported)).
VariantType	String	The type of variant (eg: colour)
Variant	String	The name of the variant (eg: red, blue).

## SUPPLIER

SupplierId	String	The supplier code for this supplier
SupplierName	String	The name of this supplier

## STOCKLOCATION

LocationCode	String	The code for this location. If no existing locations with this code are found, a new location will be created
StockOnHand	Decimal	The quantity of stock on hand at this location
StockOnOrder	Decimal	The quantity of stock on order at this location

## EXAMPLE

```
{
  "productId": "ABC123",
  "name": "Product 1",
  "category": "Category 1",
  "subCategory": "SubCategory 1",
  "serviceLevel": 0.96,
  "leadTime": 35,
  "stockOnHand": 234,
  "stockOnOrder": 56,
  "cost": 56.66,
  "price": 67.78,
  "suppliers": [
    {
      "supplierId": "Sup1",
      "supplierName": "Supplier 1"
    }
  ],
  "forecastPeriod": 0,
  "manufacturingTime": 10,
  "orderFrequency": 40,
  "minimumOrderQuantity": 10,
  "minimumShelfLevel": 5,
  "maximumShelfLevel": 600,
  "overriddenDemand": 0,
  "overriddenDemandPeriod": 0,
  "stockLocations": [
    {
      "locationCode": "AKL",
      "stockOnHand": 20,
      "stockOnOrder": 10
    },
    {
      "locationCode": "WLG",
      "stockOnHand": 30,
      "stockOnOrder": 5
    }
  ]
}
```

## With a variant

```
{
  "productId": "ABC123-BLUE",
  "name": "Product 1",
  "category": "Category 1",
  "subCategory": "SubCategory 1",
  "serviceLevel": 0.96,
  "leadTime": 35,
  "stockOnHand": 100,
  "stockOnOrder": 15,
  "cost": 56.66,
  "price": 67.78,
  "suppliers": [
    {
      "supplierId": "Sup1",
      "supplierName": "Supplier 1"
    }
  ],
  "forecastPeriod": 0,
  "manufacturingTime": 10,
  "orderFrequency": 40,
  "minimumOrderQuantity": 10,
  "minimumShelfLevel": 5,
  "maximumShelfLevel": 600,
  "overriddenDemand": 0,
  "overriddenDemandPeriod": 0,
}
```

```
"stockLocations": [  
  {  
    "locationCode": "AKL",  
    "stockOnHand": 5,  
    "stockOnOrder": 2  
  },  
  {  
    "locationCode": "WLG",  
    "stockOnHand": 15,  
    "stockOnOrder": 0  
  }  
],  
"parentId": "ABC123",  
"variantType": "Colour",  
"variant": "Blue"  
}
```