

Summary

This document will provide the necessary information when importing files for creating equipment in Equipment Inventory using the Bulk Data application.

File Format

General Format

The following general characteristics apply to the Create Equipment import files:

- File naming convention must be *.csv
- A header is required
- The header must be followed by one or more comma-delimited detail records
- Place quotes (“”) around any text fields containing a comma.
- Empty (non-required) fields are acceptable.
- The columns are not required to appear in a specific order.
- You do not have to include all columns in an import file.

Import Identifier

The first row of the file must have the file format identifier, starting in the first position of the first row. For the equipment file the identifier is:

FORMAT:IDI/CostGuardBulkData/EquipmentInventory

Note: “Format:” is part of the identifier and must be included.

Header Record

The second row of the import file must contain the appropriate column names. The column names can be found in the Record Layout section of this document. The columns do not need to appear in a specific order. Import files do not need to include all the columns, only the columns that contain data to be imported are necessary.

Clear Values

This import file does not support the ability to clear previously set data.

Attributes

An import file may include any number of attributes for equipment inventory. In the file header record, the attribute fields must be pre-fixed as follows:

ATTR_<attribute property name>

When using attributes, please contact customer support for the specific attribute property name to use in the Bulk Data file header. Only attribute display names are visible within CostGuard and may not match the corresponding property name.

Record Layout

Note: If values are supplied for any 'ServiceAddress' fields, they are used in combination to search for matching service addresses.

When exactly one matching result is found, that service address ID is assigned to the equipment.

If no match is found, a new service address is created with those values, unless a specific ServiceAddressID was specified in which case it was invalid so an error occurs.

If more than one matching service address is found, this is also an error because a unique match could not be found.

Column Name	Required	Data Type	Description
ATTR_*	No	Text	Contains the value of an attribute property for the equipment inventory being added or modified. There may be zero or more attribute columns included in an import file. See the Attributes section above..
AvailableDate	No	Integer	Date the equipment is available to be used.
Cost	No	Decimal	Cost associated to the equipment.
EquipmentDataSourceID	No	Integer	Unique identifier for the assigned EquipmentDataSource.
EquipmentOwnerID	No	Integer	Unique identifier for the owner of the equipment.
EquipmentTypeID	Yes	Integer	Unique identifier for the type of the equipment.
InventoryID	Yes	Integer	Unique identifier for the inventory that the equipment is assigned to.

InventoryItemStatusID	Yes	Integer	Unique identifier for the current inventory status of the equipment.
Name	Yes	Text	Name of the equipment.
ReferenceNumber	No	Text	Reference number for the equipment.
ServiceAddressCity	No	Text	City of the service address.
ServiceAddressDesignator1	No	Text	Designation type for Designator1 of the service address. Valid Values: Any value from the configured list of accepted Designator1 values.
ServiceAddressDesignator1Value	No	Text	Value for Designator1. Designation type for Designator2 of the service address.
ServiceAddressDesignator2	No	Text	Designation type for Designator2 of the service address. Valid Values: Any value from the configured list of accepted Designator2 values.
ServiceAddressDesignator2Value	No	Text	Value for Designator2. Designation type for Designator3 of the service address.
ServiceAddressDesignator3	No	Text	Designation type for Designator3 of the service address. Valid Values: Any value from the configured list of accepted Designator3 values.
ServiceAddressDesignator3Value	No	Text	Value for Designator1.
ServiceAddressID	No	Integer	Unique identifier for the service address of the equipment.
ServiceAddressLocation	No	Text	The location for the service address.
ServiceAddressLoopLength	No	Decimal	The loop length for the service address.
ServiceAddressMSAGCommunity	No	Text	MSAG community for the service address. Valid Values: Any MSAG from the configured list of MSAGs.
ServiceAddressMSAGCounty	No	Text	MSAG county for the service address.
ServiceAddressMSAGProviderID	No	Integer	Unique identifier for the MSAG provider of the service address.
ServiceAddressNote	No	Text	Notes for the service address.
ServiceAddressRateCenterID	No	Integer	Unique identifier for the rate center of the service address.

ServiceAddressState	No	Text	State for the service address. Status of the service address.
ServiceAddressStatus	No	Text	Valid Values: Approved, NotApproved, PendingApproval or Retired. Prefix indicating the direction of the street.
ServiceAddressStreetDirectionPrefix	No	Text	Valid Values: E, N, NE, NONE, NW, S, SE, SW, or W. Suffix indicating the direction of the street.
ServiceAddressStreetDirectionSuffix	No	Text	Valid Values: E, N, NE, NONE, NW, S, SE, SW, or W.
ServiceAddressStreetName	No	Text	Name of the street for the service address.
ServiceAddressStreetNumber	No	Integer	Street number for the service address.
ServiceAddressStreetNumberPrefix	No	Text	Prefix for the street number of the service address.
ServiceAddressStreetNumberSuffix	No	Text	Suffix for the street number of the service address.
ServiceAddressTaxCounty	No	Text	Tax county of the service address. The thoroughfare for the service address.
ServiceAddressThoroughfare	No	Text	Valid Values: Any thoroughfare from the configured list of accepted thoroughfares.
ServiceAddressWireCenterID	No	Integer	Unique identifier for the wire center of the service address.
ServiceAddressZipCode	No	Text	Zip code for the service address.
StatusChangeDate	Yes	Date	Date and time that the status of the equipment was changed.
WireCenterID	Yes	Integer	Unique identifier for the wire center of the equipment.