



The Firearm Industry's Compliance Experts

— ORCHID EBOUND API · JULY 2026

ERP and POS Integration Guide.

FFL Bound Book · POS / eCommerce · Payments · Regulatory Services

800-402-0943 · www.orchidadvisors.com

What this guide covers.

01

API Overview

02

Endpoint Review

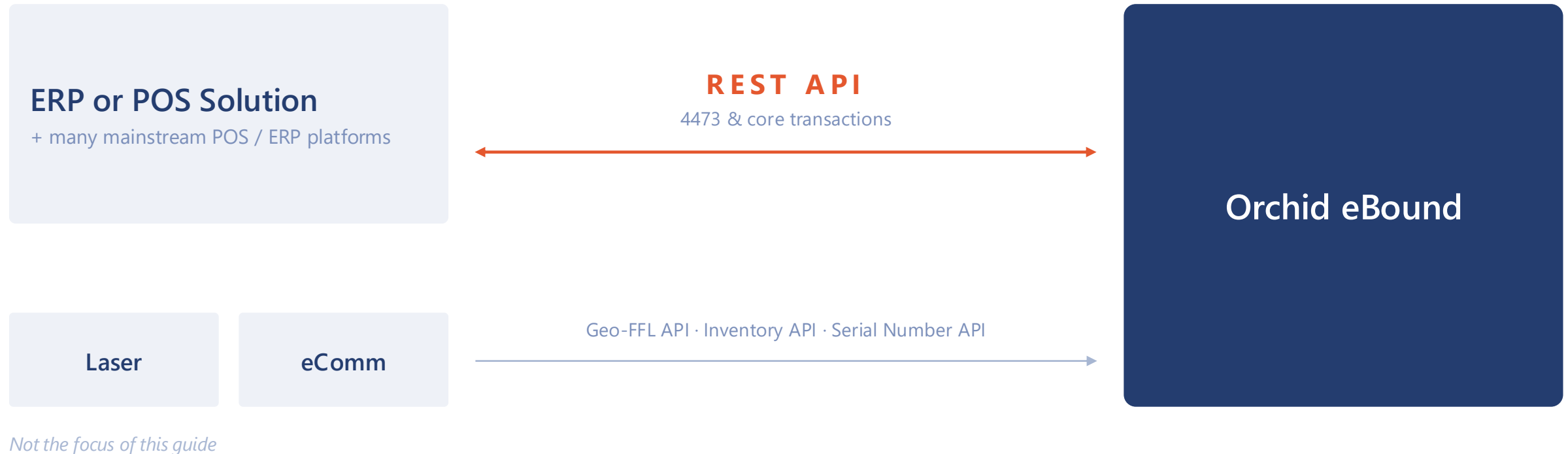
03

Body Content

— SECTION 01

API Overview.

Architecture and integrations.



Interactive API Documents and Payloads

The hyperlink below can be used to find the necessary payloads that will be utilized for the integration.

<https://app.fflbizhub.com/swagger/ui/index#/TransactionQueue>

Swagger

INTERACTIVE API DOCS

Orchid API — Swagger UI

Explore and test all Orchid API endpoints interactively. Authentication, schemas, and live request builder.



In-scope transactions — acquisitions.

Common Business Transactions	ERP / POS Transaction	eBound Acquisition
Receive Import from InterCo	PO Receipt	Receive
Receive Import From Vendor	PO Receipt	
Receive from Subcontractor	Return Against Sales Order	
Receive from Outside Process	PO Receipt	
Receive from Vendor	Receive Against RMA	
Receive RMA - Repair	Receive Against RMA	
Receive a Third-Party Loan	Receive from InterCo	
Receive RMA - Return (Back to Inventory)	Against RMA	
Serialized marking of a regulated firearm	Receipt on Work Order	Serialize

In-scope transactions — dispositions.

Common Business Transactions	ERP / POS Transaction	eBound Disposition
Ship / Transfer to FFL Customer	Ship Against Sales Order	FFL Transfer
Ship / Transfer to Outside Process		
Ship / Transfer to Subcontractor		
Ship / Transfer Back to Outside Process		Exempt Transfer**
Ship / Transfer to Export Customer**		
Ship / Transfer to US Govt or LE Customer**		
Ship / Transfer a Loan to Third Party**	Ship Against Repair Order	
Ship / Transfer Gunsmith / Repair Back to Consumer**		
Sale of inventory to consumer	POS Unlicensed Transfer	4473

** These are often transacted directly in eBound rather than through the API

In-scope transactions — manufacturing & adjustments.

Common Business Transactions	ERP / POS Transaction	eBound Transaction
Consume lower-level part or assembly Back down to lower-level part or assembly	Receipt Against a Work Order	Assemble Disassemble
Inventory Adjustment***	Inventory Adjustment	Destroy Theft / Loss Found

*** These are often transacted directly in eBound rather than through the API

A note about firearm “Type” and FFL numbers.

Approved ATF types

- Any Other Weapon
- Barreled Action
- Destructive Device
- Drop in Auto Sear
- Frame
- Machine Gun
- Machine Gun Receiver
- Pistol
- Pistol Grip Firearm
- Receiver
- Revolver
- Rifle
- Rifle / Shotgun Combo
- Short Barreled Rifle
- Short Barreled Shotgun
- Shotgun
- Silencer

A note on ATF types

The ATF has defined these types in the regulation and they cannot differ.

API endpoint.

One endpoint for 4473 and core transactions.

SYNCHRONOUS

Synchronous requests are sequential and provide instant success or failure responses.

Endpoint #1 — 4473 transactions.

STEP 1 — GENERATE SESSION TOKEN

```
curl --location --request POST \  
  'https://app.fflbizhub.com/api/4473/SearchSerialNumbers' \  
  --header 'X-DailyDownload-Auth-Email: \  
  --header 'X-DailyDownload-Auth-Password: \  
  --header 'Content-Type: application/json' \  
  --data-raw '{  
    "serialNumbers": ["082721_e","082721_d","082721_c"]  
  }'
```

RESPONSE

```
{  
  "success": true,  
  "message": "All serial numbers are available",  
  "session": "7e57e9c0b6a44811ba9982013922ab41"  
}
```

STEP 2 — OPEN THE UNIQUE 4473 URL

[https://app.fflbizhub.com/portal/eAd/Start4473B?Session=\[KeyGoesHere\]](https://app.fflbizhub.com/portal/eAd/Start4473B?Session=[KeyGoesHere])

Pass the session generated in the previous step to the above URL. Make sure you are logged in to the eBound book before opening the following URL.

<https://app.fflbizhub.com/portal/ead/start4473b?Session=7e57e9c0b6a44811ba9982013922ab>

The 4473 wizard should initiate and, when you click proceed, all serial numbers entered in the first step are auto-populated.

ERP / POS → Orchid eBound · retail transfer via the synchronous endpoint (4473 & core transactions)

Endpoint #2 — core transactions.

All transactions hit a single endpoint.

SYNCHRONOUS ENDPOINT

```
https://app.fflbizhub.com/api/transactions/
```

* Dispositions to a non-FFL (B2G, Warranty Return, Export)

** Required by ATF regulation but many customers opt not to use the API

Core transactions

- Receive
- FFL Transfer (B2B)
- Exempt Transfer*
- Serialize
- Assemble
- Disassemble
- Destroy

Optional transactions**

- Theft / Loss**
- Found**

Frequency of data transmission.

- Ideal transmission is real-time, immediately after the ERP / POS transaction is processed.
- Batch processing may be used, but transactions must be posted chronologically to pass internal control checks.
- For example, the call will fail if you try to post a Shipment / Disposition prior to a Receipt / Acquisition.

Active error detection — synchronous feedback.

Status Code	Description
200	Transaction executed successfully
400	Data is not properly sent
403	Security key couldn't be validated or not present
500	Any issue related to the application

API posts return a status code and a “Result” property with information about the process.

SAMPLE RESPONSE

```
[
  {
    /* Properties received in the transaction */
    "Result": {
      "apiKey": "d5265a69-a744-49f1-9c15-f0e0dddbab38",
      "status": "Failed-Sent",
      "received": "2023-08-29T17:03:09.1026107-06:00",
      "processed": "2023-08-29T17:03:09.2024256-06:00",
      "Results": "Cannot import; serial number already acquired.",
      "TransactionType": "Receive"
    }
  }
]
```

Passive error detection.

Passive error detection is a UI-based “API Error Log” that requires post-transaction monitoring.

≡

API Error Log: Last 30 Days

Bound Book Search

Standard Transactions

Retail Transactions

Special Transactions

Reports and Monitoring

Configuration

Support

Serial Number

Start Date

End Date

Search

Received	Processed	Serial Number	Transaction	Status	Results
Mar 21, 2022	Mar 21, 2022	G070504	Ffl transfer	Failed	Error: Cannot transfer; Serial number is not an open disposition.
Mar 21, 2022	Mar 21, 2022	G070456	Ffl transfer	Failed	Error: Cannot transfer; Serial number is not an open disposition.
Mar 21, 2022	Mar 21, 2022	22A0673	Ffl transfer	Failed	Error: Disposition Name may not be over 50 characters, including spaces.
Mar 21, 2022	Mar 21, 2022	G048107	Ffl transfer	Failed	Error: Disposition Name may not be over 50 characters, including spaces.
Mar 21, 2022	Mar 21, 2022	G048060	Ffl transfer	Failed	Error: Disposition Name may not be over 50 characters, including spaces.
Mar 21, 2022	Mar 21, 2022	G039364	Ffl transfer	Failed	Error: Disposition Name may not be over 50 characters, including spaces.
Mar 21, 2022	Mar 21, 2022	G039341	Ffl transfer	Failed	Error: Disposition Name may not be over 50 characters, including spaces.
Mar 21, 2022	Mar 21, 2022	G043252	Ffl transfer	Failed	Error: Disposition Name may not be over 50 characters, including spaces.
Mar 21, 2022	Mar 21, 2022	G039116	Ffl transfer	Failed	Error: Disposition Name may not be over 50 characters, including spaces.
Mar 18, 2022	Mar 18, 2022	2200133	Ffl transfer	Failed	Error: Disposition Name may not be over 50 characters, including spaces.
Mar 18, 2022	Mar 18, 2022	2200128	Ffl transfer	Failed	Error: Disposition Name may not be over 50 characters, including spaces.
Mar 18, 2022	Mar 18, 2022	G053622	Ffl transfer	Failed	Error: Cannot transfer; Serial number is not an open disposition.
Mar 18, 2022	Mar 18, 2022	G053614	Ffl transfer	Failed	Error: Cannot transfer; Serial number is not an open disposition.

— SECTION 02

Endpoint Review.

Synchronous API overview.

Endpoint `https://app.fflbizhub.com/api/transactions/{transaction}`
Method `POST`
Format `JSON`

Type	Transaction Values
string	receive · serialize · transfer · exempt · found · theft · destroy · assemble · disassemble

Name	Value	Description
X-Api-Auth-Token	Provided by Orchid	Security key to authenticate user
Content-Type	application/json	Content type

— SECTION 03

Body Content.

Serialize.

```
[
  {
    "transactionIdentifier": "73D3C86F-8C79-4BEF-B8BC",
    "serialNumber": "FirearmIM-0016",
    "Location": "Security and Operations",
    "lotNumber": "",
    "SKU": "di1",
    "Manufacturer": "Manufacturer",
    "Importer": "23424",
    "CountryOfManufacturer": "US",
    "Type": "Firearm",
    "Model": "1100 Sps",
    "SubModel": "Tactical",
    "CaliberGuage": "26 Nosler",
    "PhysicalDate": "01/04/2021",
    "imLocation": "im location",
    "imDepartment": "Sample Region 1008NameChange",
    "imSublocation": "Sample Location 6",
    "notes": "notes",
    "purpose": "Repair",
    "ups": "ups",
    "nfaFormControlNumber": "nfaFormControlNumber",
    "nfaFormType": "ATF Form 2",
    "sotControlNumber": "sotControlNumber",
    "sotExpirationDate": "03/22/2021",
    "CustomerNumber": "444444",
    "VendorNumber": "555555",
    "TrackingNumber": "TN111325",
    "AlternateFFL": "148209077A01893",
    "fflFrom": {
      "Name": "name",
      "FFL": "5-84-051-01-0A-15983",
      "SOT": "",
      "Address": "address",
      "City": "city",
      "State": "NC",
      "Zip": "28308",
      "Country": "us"
    }
  }
]
```

Required field, length & format

- Physical Date ("PhysicalDate") mm/dd/yyyy hh:mm
- Manufacturer ("Manufacturer") 50
- Type ("Type")
- Model ("Model") 50
- Caliber or Gauge ("CaliberGuage") 50
- Serial Number ("SerialNumber") 50

Receive.

```
[
{
  "transaction-identifier": "T-099999 4567_1668086463",
  "serialNumber": "4567",
  "Location": "",
  "lotNumber": "",
  "SKU": "T-099999",
  "Manufacturer": "Manufacturer",
  "Importer": "",
  "CountryOfManufacturer": "AX",
  "Type": "Antique",
  "Model": "4",
  "SubModel": "Standard",
  "CaliberGuage": "6.5 Creedmoor",
  "Reportable3310_12": "No",
  "PhysicalDate": "11/10/2022",
  "imLocation": "im location",
  "imDepartment": "SampleRegion1008NameChange",
  "imSublocation": "Sample Location 6",
  "notes": "notes",
  "nfaFormControlNumber": "nfaFormControlNumber",
  "nfaFormType": "ATF Form 2",
  "sotControlNumber": "sotControlNumber",
  "sotExpirationDate": "03/22/2021",
  "isUsed": true,
  "CustomerNumber": "444444",
  "VendorNumber": "555555",
  "TrackingNumber": "TN111325",
  "AlternateFFL": "148209077A01893",
  "fflFrom": {
    "Name": "10PEACEKEEPER",
    "FFL": "2-23-456-78-91-43211",
    "SOT": "",
    "Address": "STREET",
    "City": "CITY",
    "State": "STATE",
    "Zip": "99599",
    "Country": "US"
  }
}
```

Required field, length & format

- Physical Date ("PhysicalDate") mm/dd/yyyy hh:mm
- Manufacturer ("Manufacturer") 50
- Type ("Type") – See Required Types
- Model ("Model") 50
- Caliber or Gauge ("CaliberGuage") 50
- Serial Number ("SerialNumber") 50

fflFrom

- Acquired From Name ("Name") 50
- Acquired From Address ("Address") 15
- Acquired From City ("City") 50
- Acquired From State ("State") 50
- Acquired From Zip ("Zip") 9

FFL Transfer.

```
[
{
  "transactionIdentifier": "73D3C86F-8C79-4BEF-B8B",
  "serialNumber": "Firearm-0100",
  "Location": "",
  "lotNumber": "",
  "SKU": "di1",
  "Manufacturer": "Manufacturer",
  "Importer": "23424",
  "CountryOfManufacturer": "US",
  "Type": "Firearm",
  "Model": "1100 Sps",
  "SubModel": "Tactical",
  "CaliberGauge": "26 Nosler",
  "PhysicalDate": "03/22/2021",
  "imLocation": "im location",
  "imDepartment": "Sample Region 1008NameChange",
  "imSublocation": "Sample Location 6",
  "notes": "notes",
  "purpose": "purpose",
  "upc": "upc",
  "nfaFormControlNumber": "nfaFormControlNumber",
  "nfaFormType": "ATF Form 2",
  "sotControlNumber": "sotControlNumber",
  "sotExpirationDate": "03/22/2021",
  "fflTo": {
    "Name": "name",
    "FFL": "5-84-051-01-0A-15983",
    "SOT": "",
    "Address": "address",
    "City": "Pope AFB",
    "State": "NC",
    "Zip": "28308",
    "Country": "us"
  }
}
```

Required field, length & format

- Physical Date ("PhysicalDate") mm/dd/yyyy hh:mm
- Manufacturer ("Manufacturer") 50
- Type ("Type") – See Required Types
- Model ("Model") 50
- Caliber or Gauge ("CaliberGauge") 50
- Serial Number ("SerialNumber") 50

fflTo

- Disposed to Name ("Name") 50
- Disposed to FFL ("FFL") 15

Exempt Transfer.

```
[
{
  "SKU": "T251CBTL-28",
  "serialNumber": "M21033132",
  "Model": "Masai Mara",
  "SubModel": "Sport",
  "Manufacturer": "Manufacturer",
  "Importer": "RETAY USA",
  "CountryOfManufacturer": "TR",
  "Type": "Shotgun",
  "CaliberGauge": "12ga",
  "PhysicalDate": "09/19/2022",
  "nfaFormControlNumber": "nfaFormControlNumber",
  "nfaFormType": "ATF Form 2",
  "sotControlNumber": "sotControlNumber",
  "sotExpirationDate": "03/22/2021",
  "notes": "notes",
  "fflTo": {
    "Name": "name",
    "Address": "address",
    "City": "city",
    "State": "GA",
    "Zip": "31096",
    "Country": "US"
  }
}
```

Required field, length & format

- Physical Date ("PhysicalDate") mm/dd/yyyy hh:mm
- Manufacturer ("Manufacturer") 50
- Type ("Type") – See Required Types
- Model ("Model") 50
- Caliber or Gauge ("CaliberGauge") 50
- Serial Number ("SerialNumber") 50
- Disposed to Name ("Name") 50

Assemble.

```
[
  {
    "transactionIdentifier": "73D3C86F-8C795",
    "PhysicalDate": "11/03/2022 00:00",
    "good": {
      "CaliberGuage": "10mm",
      "CountryOfManufacturer": "US",
      "Importer": "",
      "Manufacturer": "Manufacturer",
      "Model": "610",
      "SubModel": "Classic",
      "serialNumber": "FirearmIM-0017",
      "SKU": "DVC C",
      "Type": "Revolver",
      "imLocation": "im location",
      "notes": "notes",
      "imDepartment": "SampleRegionChange",
      "imSublocation": "Sample Location 6",
      "CustomerNumber": "444444",
      "VendorNumber": "555555",
      "TrackingNumber": "TN111325",
      "AlternateFFL": "148209077A01893",
    },
    "component": {
      "CaliberGuage": "9 MM",
      "CountryOfManufacturer": "US",
      "Importer": "",
      "Manufacturer": "Manufacturer",
      "Model": "P938",
      "SubModel": "Nitron",
      "serialNumber": "FirearmIM-0016",
      "SKU": "DVC C",
      "Type": "Frame"
    }
  }
]
```

Required field, length & format

- Physical Date ("PhysicalDate") mm/dd/yyyy hh:mm

Start good information ("good")

- Manufacturer ("Manufacturer") 50
- Type ("Type") – See Required Types
- Model ("Model") 50
- Caliber or Gauge ("CaliberGuage") 50
- Serial Number ("SerialNumber") 50

End good information ("component")

- Manufacturer ("Manufacturer") 50
- Type ("Type") – See Required Types
- Model ("Model") 50
- Caliber or Gauge ("CaliberGuage") 50
- Serial Number ("SerialNumber") 50

Disassemble.

```
[
  {
    "transactionIdentifier": "73D3C86F-8C79-4BE",
    "PhysicalDate": "11/03/2022",
    "good": {
      "Manufacturer": "Manufacturer",
      "Importer": "",
      "CountryOfManufacturer": "USA",
      "CaliberGauge": "9mm",
      "Model": "P938",
      "SubModel": "Legion",
      "serialNumber": "FirearmIM-0017",
      "SKU": "6026863130566",
      "Type": "Firearm",
      "CustomerNumber": "444444",
      "VendorNumber": "555555",
      "TrackingNumber": "TN111325",
      "AlternateFFL": "148209077A01893",
      "notes": "notes",
    },
    "component": {
      "Manufacturer": "Manufacturer",
      "Importer": "Receiver Importer",
      "CountryOfManufacturer": "USA",
      "CaliberGauge": "10mm",
      "Model": "Receiver A1",
      "SubModel": "Stripped",
      "serialNumber": "FirearmIM-0018",
      "SKU": "6026863130566",
      "Type": "Receiver",
      "imLocation": "im location",
      "imDepartment": "SampleRegion",
      "imSublocation": "Sample Location 6",
    }
  }
]
```

Required field, length & format

- Physical Date ("PhysicalDate") mm/dd/yyyy hh:mm

Start good information ("good")

- Manufacturer ("Manufacturer") 50
- Type ("Type") – See Required Types
- Model ("Model") 50
- Caliber or Gauge ("CaliberGauge") 50
- Serial Number ("SerialNumber") 50

End good information ("component")

- Manufacturer ("Manufacturer") 50
- Type ("Type") – See Required Types
- Model ("Model") 50
- Caliber or Gauge ("CaliberGauge") 50
- Serial Number ("SerialNumber") 50

Destroy.

```
[
{
  "Location": "",
  "lotNumber": "",
  "SKU": "30511",
  "Manufacturer": "Manufacturer",
  "Importer": "a",
  "CountryOfManufacturer": "USA",
  "Type": "Receiver",
  "Model": "a",
  "SubModel": "Base",
  "CaliberGuage": "a",
  "PhysicalDate": "08/17/2020",
  "serialNumber": "S",
  "notes" : "notes"
}
```

Required field, length & format

- Physical Date ("PhysicalDate") mm/dd/yyyy hh:mm
- Manufacturer ("Manufacturer") 50
- Type ("Type") – See Required Types
- Model ("Model") 50
- Caliber or Gauge ("CaliberGuage") 50
- Serial Number ("SerialNumber") 50



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integration.**

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