

Software: API

- [Simple RFID API \(v3\)](#)

Simple RFID API (v3)

Overview

The V3 API provides modern endpoints for managing RFID label printing, inventory, orders, products, and printer stations.

Authentication

API Key Authentication (Recommended for Server-to-Server)

How to generate the key and where to enter it:

1. **Go to** [Simple RFID website](#)
2. **Click** on the top-right to expand User Menu
3. **Select** "*Customer Profile*"
4. In the *API Tokens* section, **click** "+ Create Token"
5. (optional) **Set** the token's name
6. **Click** Create
7. **Copy** the token as ***you will never see it again***
8. **Open** [Simple RFID API from Web](#) (or from your REST client)
9. **Select** your authentication method as `apiKey`
10. **Include** your API key in the request header:

```
X-API-Key: your-api-key-here
```

Key Endpoints

Layouts

- `GET /v3/printing/layout` - List label layouts (filter by Dpi, Keyword, FormatTypes; sort and paginate)
- `GET /v3/printing/layout/{id}` - Get specific layout

Locations

- `GET /v3/locations` - List locations (filter by LocationKeys; sort by Name, Type, etc.; paginate)

Orders

- `GET /v3/orders` - List orders (filter by type, status, locations; sort by CreateDate, Status; paginate)
- `POST /v3/orders` - Create order (Purchase, Sales, or Transfer)
- `GET /v3/orders/{id}` - Get order details with items

Printers & Print Jobs

- `GET /v3/stations/printers` - List all printers
- `POST /v3/printers/{serialNumber}/jobs` - Submit print job (returns UUID)
- `GET /v3/printers/{serialNumber}/jobs` - Get print job history (filter by status, dates; paginate)

Products

- `GET /v3/products/search` - Search products (filter by SKU, keyword; sort by UpdateDate; paginate)
- `POST /v3/products` - Bulk import products (GS1 identifiers, attributes, pricing, references)

Inventory

- `GET /v3/inventory` - Query inventory (filter by status, expiration, location, age; paginate)
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Common Patterns

- **Pagination:** Use `Offset` and `Take` parameters
 - **Sorting:** Use `OrderBy` and `OrderDirection` (Ascending/Descending)
 - **Date Format:** ISO 8601 - `YYYY-MM-DDTHH:MM:SS.sssZ`
 - **Filtering:** Parameter-specific arrays (e.g., `OrderStatuses=Shipping&OrderStatuses=ShippingQC`)
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Support

For technical support, API access requests, or questions:

- **Documentation:** Refer to this API reference
- **Questions or Technical Issues:** Report through your organization's support channel or [submit a ticket](#) to reach our support team.