

Offsight API

A quickstart for IT and integration teams

Concise reference. The complete documentation, your keys and live usage counters live in the console under **Offsight API**.

What this is

Offsight exposes a documented REST surface for pushing data in and pulling data out of your tenant — the production schedule, work orders, materials, inventory, labor hours and alerts. It is the integration path for anything you build yourself, alongside the native NetSuite and QuickBooks connectors.

Every request is scoped to one tenant by the key it carries. There is no cross-tenant surface.

Base URL and authentication

```
# Every endpoint hangs off this base path
https://ai.offights.com/api/apps/v1/open/...

# Every request carries your tenant key in a header
x-api-key: <your-api-key>
```

Keys are issued and rotated in the console, under Offsight API. Keys are stored hashed, can be revoked immediately, and every call is metered against your plan's monthly allowance — the dashboard shows the counter and the reset date in real time.

A first call

```
curl -s https://ai.offights.com/api/apps/v1/open/production/products \
-H "x-api-key: $OFFSIGHT_API_KEY" \
-H "Content-Type: application/json"
```

Endpoints

Thirty endpoints across six areas. **GET** reads, **POST** creates.

Planning

Method	Path
GET	planning/schedule
POST	planning/schedule

Production

Method	Path
POST	production/product-orders
GET	production/products
GET	production/products/:deviceId/status
GET	production/products/:deviceId/zone-time

Materials

Method	Path
POST	materials/suppliers
POST	materials/materials
POST	materials/boms
POST	materials/boms/:bomId/items
POST	materials/inventory
POST	materials/warehouses
GET	materials/logs

Alerts

GET	production/products/:deviceId/history
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People

Method	Path
POST	users
POST	departments

Labor

Method	Path
GET	labor/product-hours
GET	labor/zone-hours
GET	labor/user-hours
GET	labor/project-hours

Method	Path
GET	alerts/production
GET	alerts/assign
GET	alerts/labor
GET	alerts/material
GET	alerts/purchase-order

Usage

Method	Path
GET	usage/active-users
GET	usage/production
GET	usage/materials
GET	usage/labor
GET	usage/work

Common integration patterns

1. Push the build schedule from your ERP

Your ERP or planning system owns the order book. Post the schedule to Offsight and the floor picks it up on the Live board and in the mobile apps.

```
POST /api/apps/v1/open/planning/schedule
POST /api/apps/v1/open/production/product-orders
```

2. Seed materials, suppliers and BOMs

Rather than re-keying a material master, push it. Suppliers first, then materials, then the BOM header and its items.

```
POST /api/apps/v1/open/materials/suppliers
POST /api/apps/v1/open/materials/materials
POST /api/apps/v1/open/materials/boms
POST /api/apps/v1/open/materials/boms/:bomId/items
```

3. Pull production status into your own dashboard

Poll the product list, then drill into a specific unit for its live status, per-zone time and full history.

```
GET /api/apps/v1/open/production/products?limit=100&offset=0
GET /api/apps/v1/open/production/products/:deviceId/status
GET /api/apps/v1/open/production/products/:deviceId/zone-time
```

4. Feed labor hours to payroll

Hours are available rolled up four ways, so you can match whatever dimension your payroll system expects.

```
GET /api/apps/v1/open/labor/product-hours
GET /api/apps/v1/open/labor/user-hours
```

5. Route exceptions into your existing alerting

The alert endpoints return failed checklists and exceptions by category, which is usually the cheapest way to get Offsight events into an existing incident or messaging tool.

```
GET /api/apps/v1/open/alerts/production
GET /api/apps/v1/open/alerts/material
```

Conventions

Topic	Behaviour
Format	JSON request and response bodies; <code>Content-Type: application/json</code> .
Auth	An <code>x-api-key</code> header on every request. Keys are per tenant, stored hashed, and revocable from the console.
Paging	<code>GET production/products</code> takes <code>limit</code> and <code>offset</code> . Other reads are scoped by their own filters — prefer filtering at the server over pulling everything.
Rate limits	A short rolling window per key, plus a cumulative monthly allowance sized to your plan. Both are visible live in the console, and the allowance can be raised as an integration grows.

Errors	Standard HTTP status codes with a JSON body. Treat 429 as backpressure and retry with a backoff.
Tenancy	A key never reaches another tenant's data. There is no account selector on this surface.

Before you build

Check the connectors first. NetSuite and QuickBooks are native, configured from Apps & Integrations, and cover materials, suppliers, purchase orders and invoices without any code. Autodesk Platform Services handles design files. Build on the API for what those do not cover.

Ask Offsight AI. The assistant can explain an endpoint, draft the call and help wire the configuration — it reads the same catalogue this guide summarizes.

Start in the console. The Offsight API dashboard has the full per-endpoint parameter documentation, copy-ready examples, your key, and the live usage counter. This guide is the orientation; that is the reference.

Planning something larger? Multi-plant rollouts, high-volume sync and custom endpoints are worth a conversation before you write code. Talk to us at sales@offsight.com and we will bring an engineer to the call.