

API keys and webhooks

Integrations

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Integrations

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Let other software read and write your data, or send events to other systems.

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Overview

An **API** lets another program use Hesabu ERP, for example a website that creates orders. A **webhook** does the opposite: Hesabu ERP calls another system when something happens, such as a submitted invoice.

These tools are for developers or technical staff.

API keys

1. Use a **dedicated user** for the integration, such as `integration@yourcompany.co.ke`, with only the roles it needs. See Permissions and restricting access.
2. Open that user, scroll to **API Access** and click **Generate Keys**.
3. Copy the **API Secret** immediately. It is shown only once.
4. The other software sends `Authorization: token <api_key>:<api_secret>` with each request.

Webhooks

1. Search for **Webhook** and click **Add Webhook**.
2. Choose the **Document Type** and the **Event**, for example *Sales Invoice* and *on_submit*.
3. Enter the **Request URL** of the receiving system.
4. Optionally add **Request Headers**, a **Condition** and a **JSON body** with the fields to send.
5. Save. Submit a test document, then check the receiver and the **Webhook Request Log**.

Practical example

A courier company's system receives a webhook each time a delivery note is submitted, and starts the delivery job. Another uses an API key to read stock levels onto the shop's website.

Important notes

- Treat keys like passwords. Regenerate them if they leak, and remove them when a project ends.
- Use HTTPS addresses only.
- Mistakes in an API call can change real data. Test on a copy or with a test document.

Common mistakes

- Using the administrator's keys for an integration.
- Sending more fields than the receiver needs.

Troubleshooting

If a webhook fails, open its **Webhook Request Log** for the response from the other system, which usually names the reason.

Next steps

Read Connecting other services.

Related documentation

- Integrations overview
- Backups, logs and security
- Permissions and restricting access