

  
**Summa  
GoData  
Software**



# Summa GoData Software User Manual

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**Summa GoData Software**



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## Revision history

Version	Reason for modification	Publication date	Author
001	Original version	June 2024	K.T.

## INSTALLATION

### General

Summa GoData is a software tool that gathers data from your workflow. Once GoProduce is connected, GoData

starts collecting information on outputting a job from GoProduce. Consequently, all job information from each GoProduce connected to a machine is stored, allowing you to analyse this data and reduce machine downtime.

**NOTE:** Connecting your GoProduce to GoData is protected with a license code.

**NOTE:** We recommend installing GoData on a computer that can be accessed from your production floor. This way, connecting GoProduce to GoData through HTTP or HTTPS should be an easy process.

## **Specifications**

To define the PC specifications for the installation, consider the following requirements and recommendations:

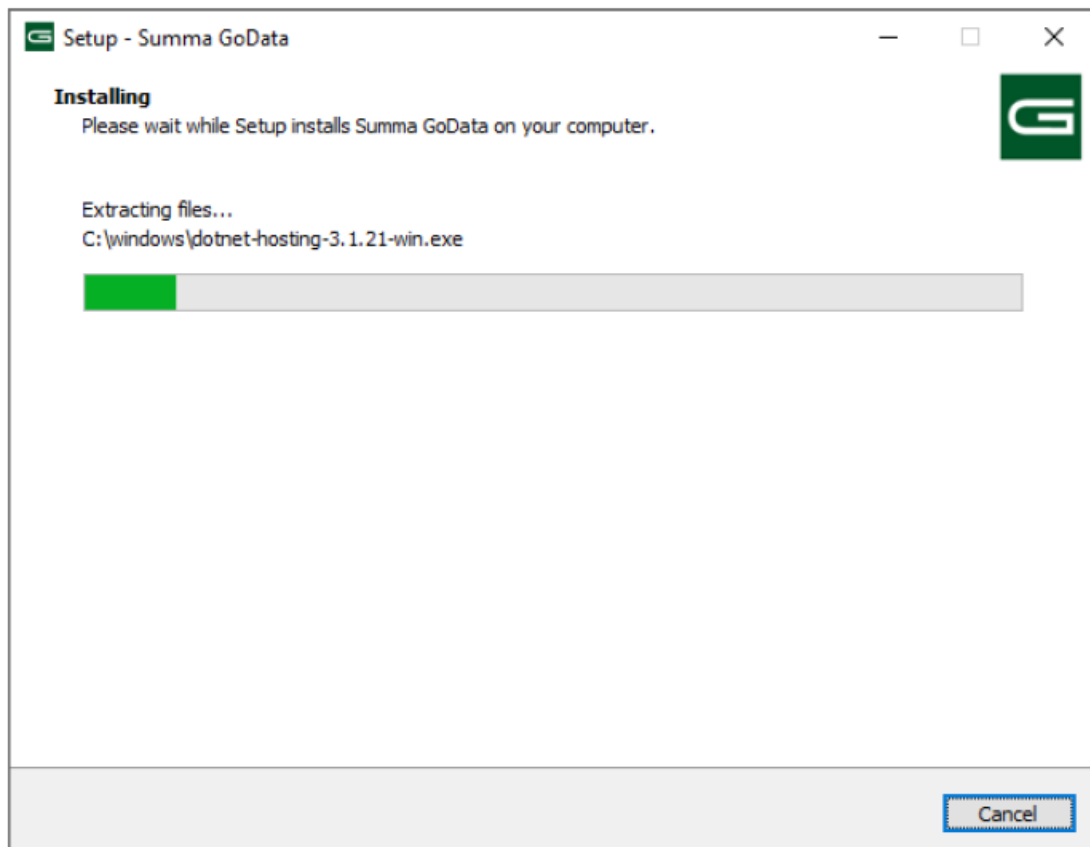
- Windows 10 (Professional – Enterprise)/11 (Professional – Enterprise) 64-bit, with the latest updates and Service Pack.
- It must have a network connection, at least to the internal network.
- At least 5 GB of free disk space is needed.

**Additionally, please ensure the following:**

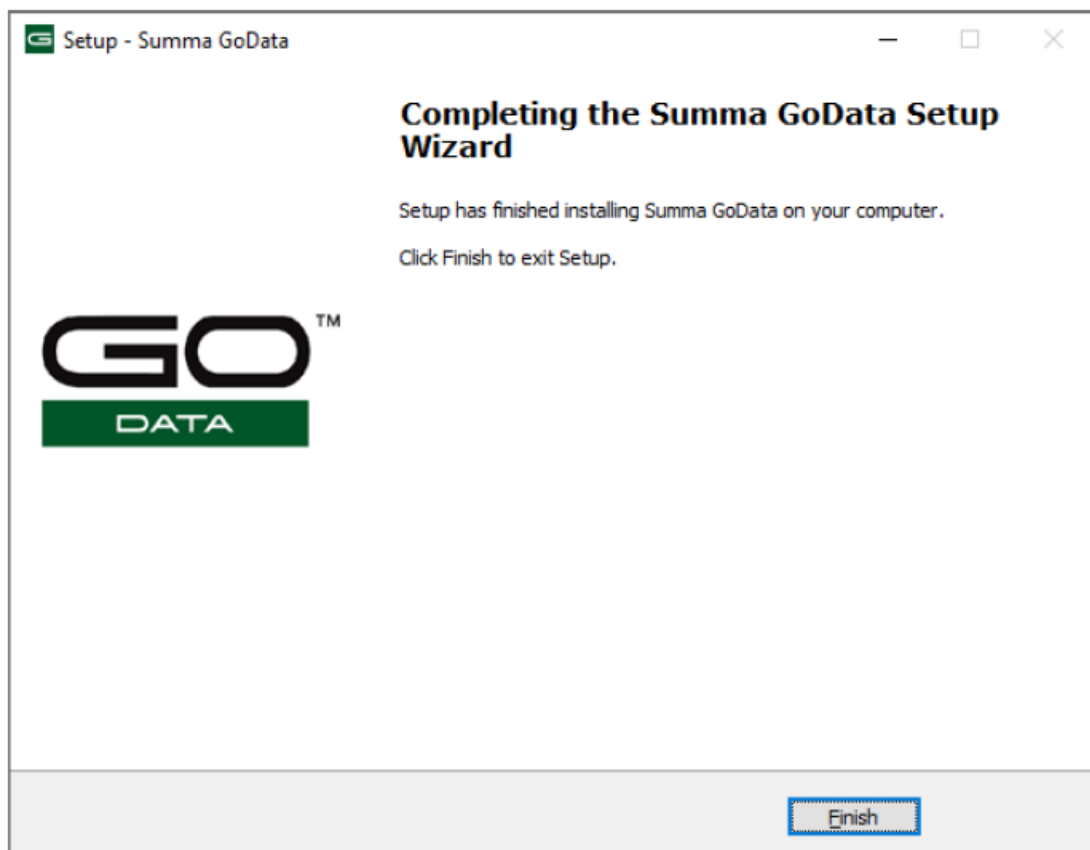
- Allow port 8009 if the PC has a configured firewall.
- Enable ping requests on the GoData PC, as GoProduce sends a ping request for verification.

## **Installation**

1. Double-click the installation program to start the setup. Follow the on-screen instructions to complete installation.
2. If the following screen appears, it can take some time to finish, especially on a clean install. The program has some dependencies on the IIS from Microsoft and may need to download and install some features.



3. The following screen appears when the installation is finished. Also, a web browser window should be opened showing the dashboard on <http://localhost:8009/>.



4. Start the activation and configuration procedure in GoProduce if you have the required license.

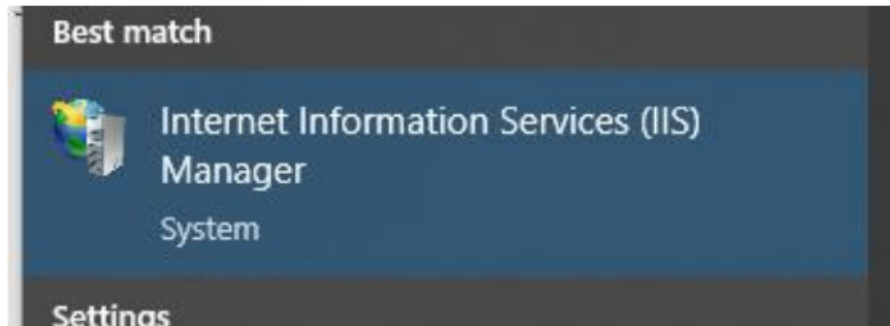
## Microsoft IIS

**NOTE:** The program has some dependencies on the IIS from Microsoft. We briefly inform about some basics on

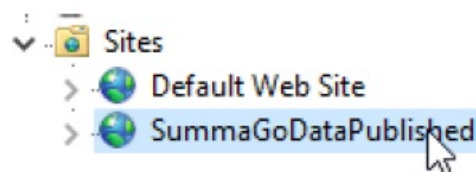
Microsoft IIS but refer to the documentation of Microsoft to check it more in depth.

## IIS Manager

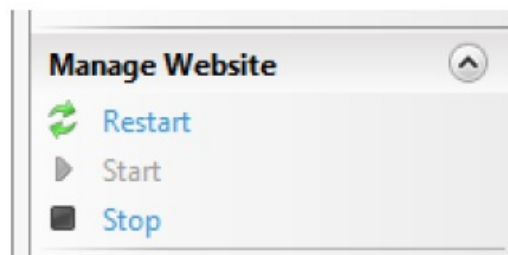
1. Click Windows start and search for iss.



2. When you expand the tree view of your PC, you should see SummaGoDataPublish.



3. On the right side you can manage or check the status of the GoData website.



## ISS Dependencies

1. Web Management Tools
  - IIS Management Console: The graphical user interface for managing IIS.
2. World Wide Web Services
  - Application Development Features
  - NET Extensibility 4.8: Allows integration of .NET applications with IIS, supporting ASP.NET and other .NET applications.
  - Application Initialization: Ensures that web applications are preloaded and initialized, improving response times for users.
  - ASP.NET 4.8: Provides support for ASP.NET web applications.
  - CGI (Common Gateway Interface): Enables execution of external programs (scripts) on the web server. It's commonly used for dynamic content generation, such as running Perl or Python scripts.
  - ISAPI Extensions: Enables support for ISAPI (Internet Server Application Programming Interface) extensions.
  - ISAPI Filters: Intercept and process HTTP requests before they reach the application or extension.
  - Server-side Includes: Allows you to include dynamic content within HTML pages.

## Common HTTP Features

1. Default Document: Specifies default documents to serve when a user accesses a directory without specifying a specific file.
2. Directory Browsing: Allows users to view the contents of a directory when no default document is present. It generates a directory listing.
3. HTTP Errors: This feature handles HTTP error responses (e.g., 404 Not Found, 500 Internal Server Error). It allows you to customize error pages or redirect users to specific URLs when errors occur.
4. Static Content: Enables serving static files (e.g., HTML, CSS, images) directly from the web server without any processing.

## **Health and Diagnostics**

1. HTTP Logging: Logs HTTP requests and responses for troubleshooting and analysis.

## **Performance Features**

1. Static Content Compression: Enables static content compression to improve performance by reducing data transfer size.

## **Security**

1. Request Filtering: Provides request filtering capabilities, allowing you to block specific requests based on rules.

## Turn Windows features on or off

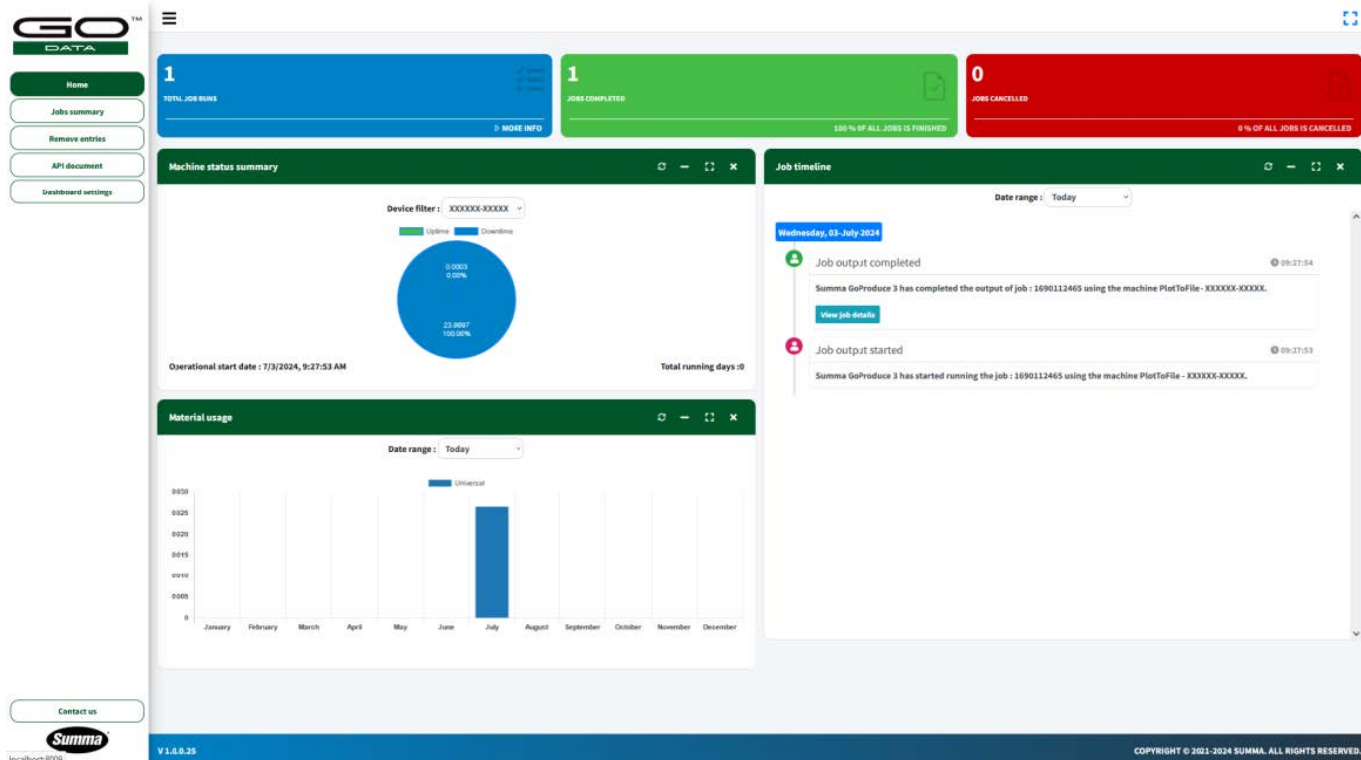
To turn a feature on, select its check box. To turn a feature off, clear its check box. A filled box means that only part of the feature is turned on.

- ☐ Guarded Host
- ☐ Hyper-V
- ☒ Internet Information Services
  - ☐ FTP Server
  - ☒ Web Management Tools
    - ☐ IIS 6 Management Compatibility
    - ☒ IIS Management Console
    - ☐ IIS Management Scripts and Tools
    - ☐ IIS Management Service
- ☒ World Wide Web Services
  - ☒ Application Development Features
    - ☐ .NET Extensibility 3.5
    - ☒ .NET Extensibility 4.8
    - ☒ Application Initialization
    - ☐ ASP
    - ☐ ASP.NET 3.5
    - ☒ ASP.NET 4.8
    - ☒ CGI
    - ☒ ISAPI Extensions
    - ☒ ISAPI Filters
    - ☒ Server-Side Includes
    - ☐ WebSocket Protocol
  - ☒ Common HTTP Features
    - ☒ Default Document
    - ☒ Directory Browsing
    - ☒ HTTP Errors
    - ☐ HTTP Redirection
    - ☒ Static Content
    - ☐ WebDAV Publishing
  - ☒ Health and Diagnostics
    - ☐ Custom Logging
    - ☒ HTTP Logging
    - ☐ Logging Tools
    - ☐ ODBC Logging
    - ☐ Request Monitor
    - ☐ Tracing
  - ☒ Performance Features
    - ☐ Dynamic Content Compression
    - ☒ Static Content Compression
  - ☒ Security
    - ☐ Basic Authentication
    - ☐ Centralized SSL Certificate Support
    - ☐ Client Certificate Mapping Authentication
    - ☐ Digest Authentication
    - ☐ IIS Client Certificate Mapping Authentication
    - ☐ IP Security
    - ☒ Request Filtering
    - ☐ URL Authorization
    - ☐ Windows Authentication

## BASIC DASHBOARD

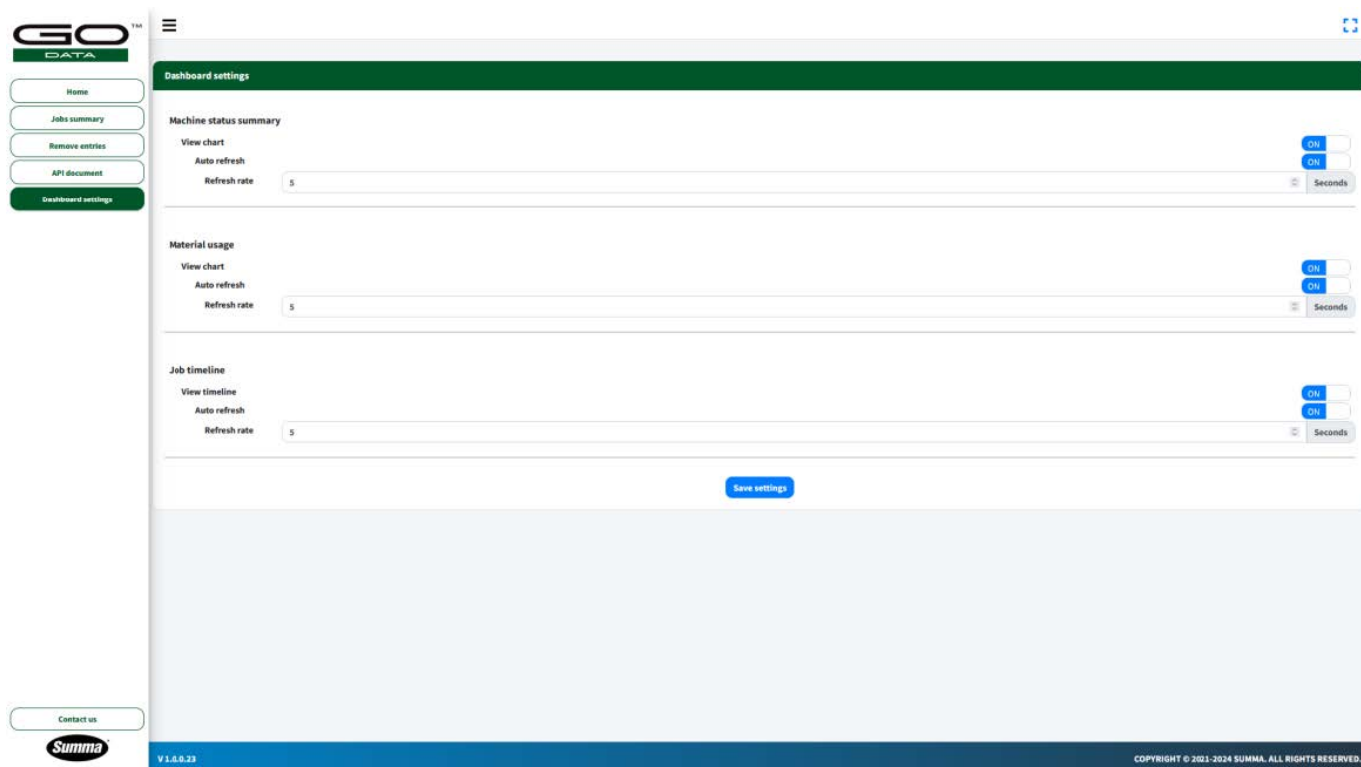
### Home page

The home page of the basic dashboard of Summa GoData features a menu on the left side and detailed information on the right. To highlight its capabilities, we've included a machine status summary that can be selected by serial number, a job timeline and an overview on material usage.



## Job summary

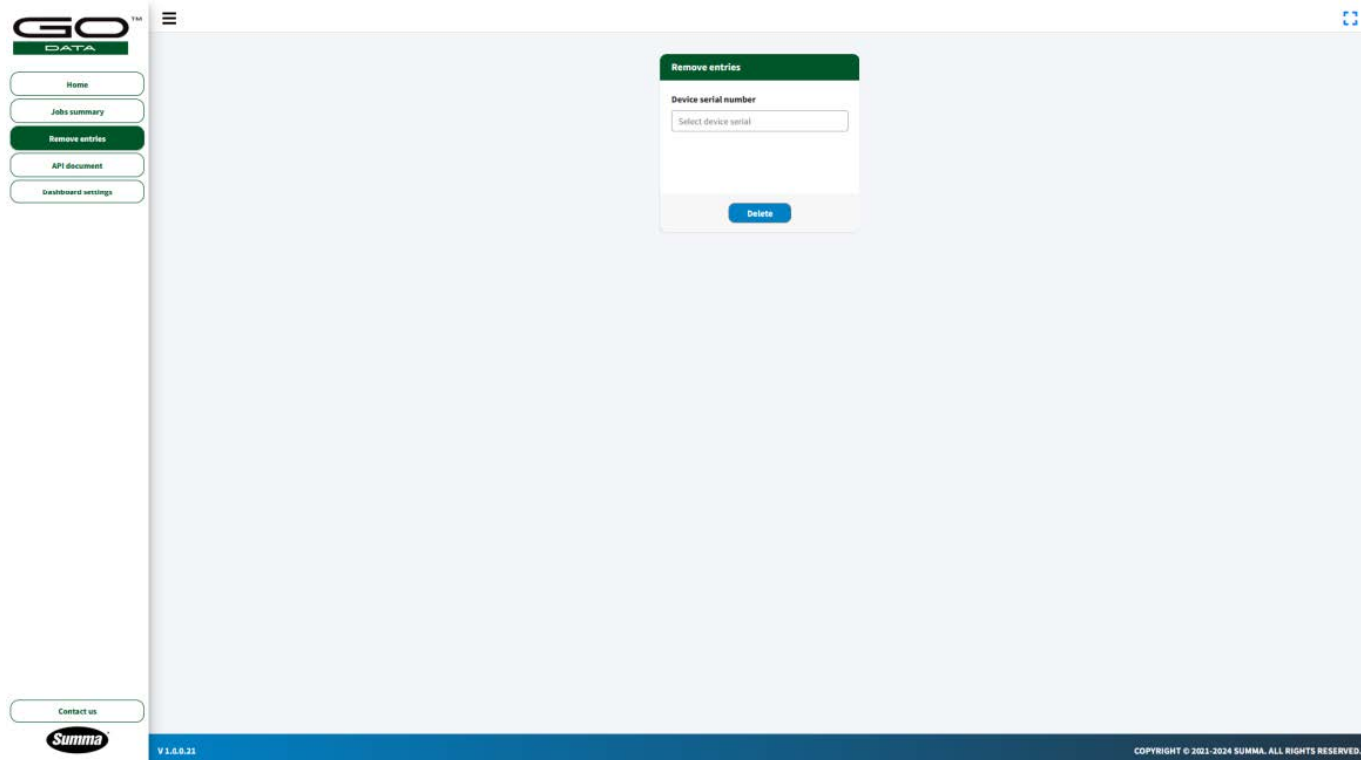
The job summary page shows a comprehensive list of all jobs that have run, both completed and cancelled.



## Remove entries

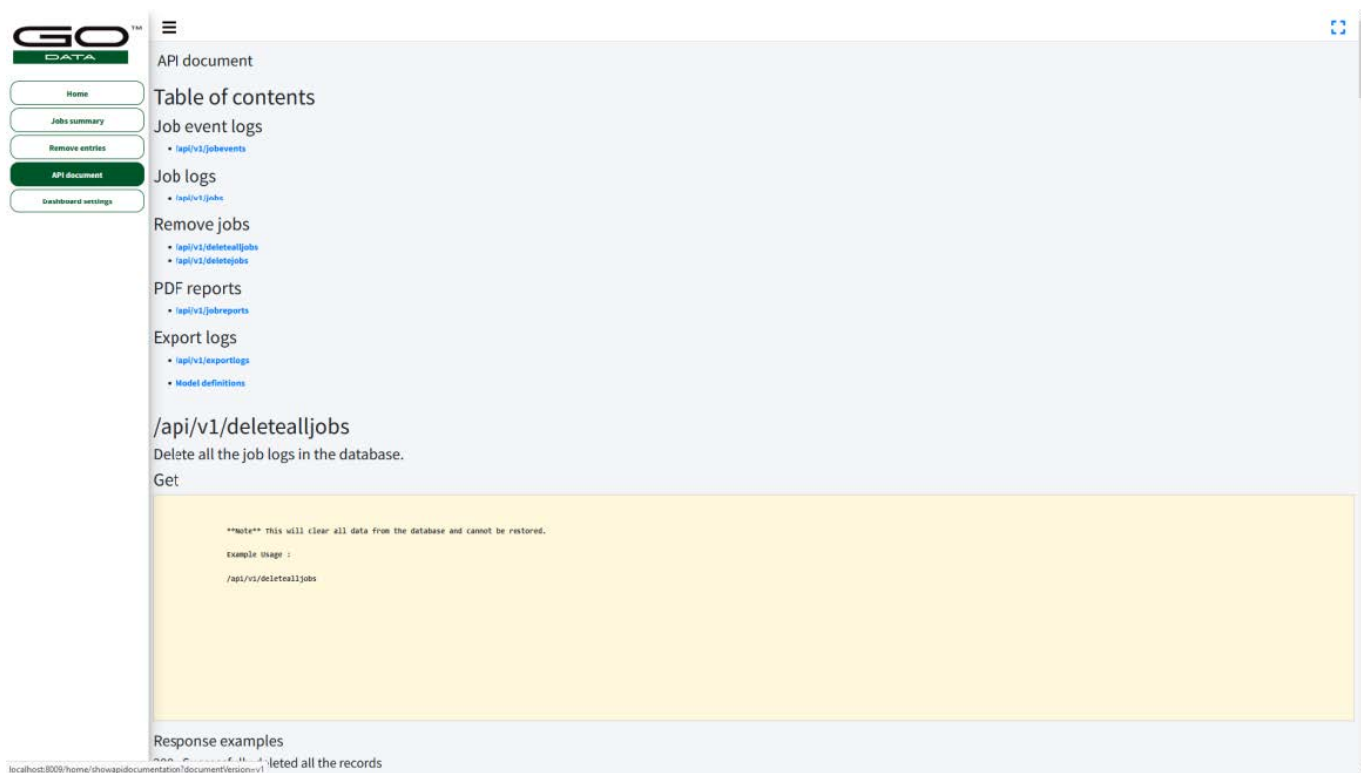
On the remove entries page, you can delete all jobs from the database linked to a specific device serial number.





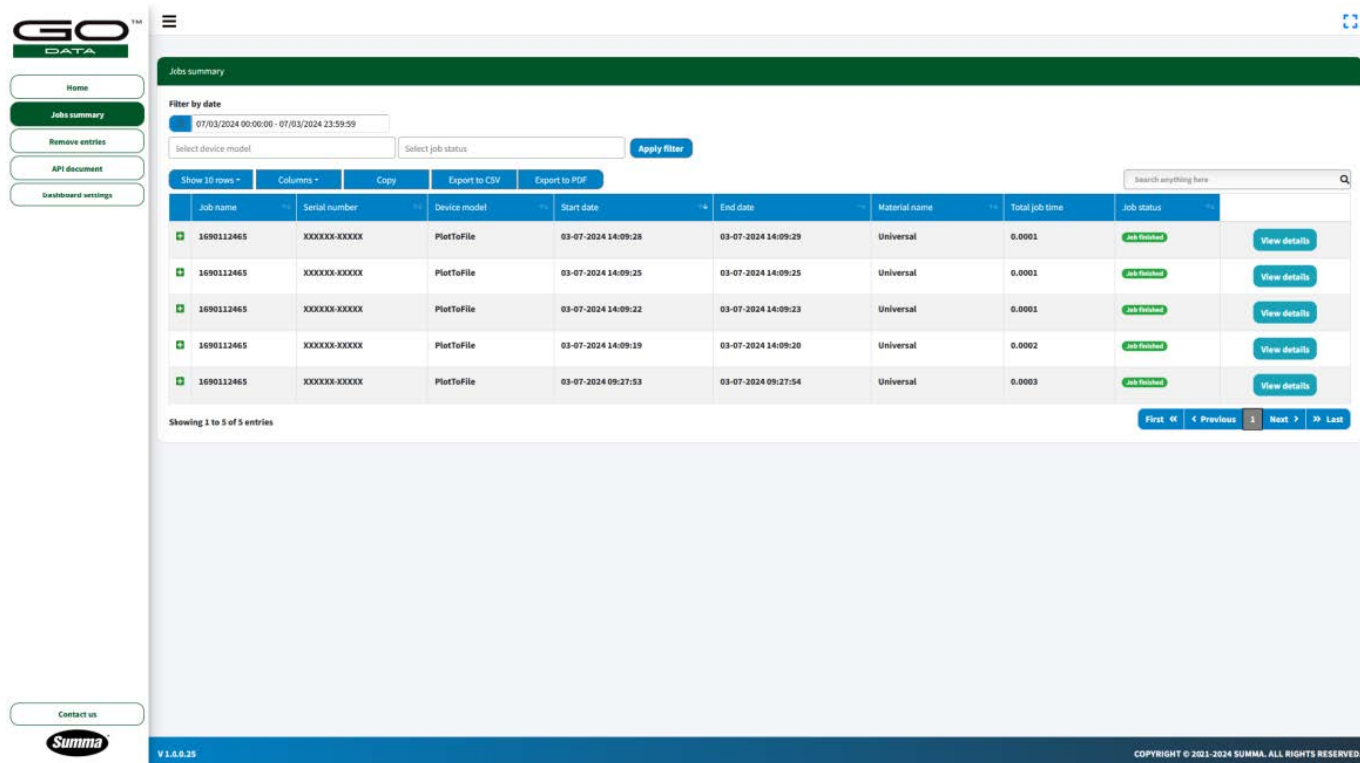
## API document

The API document describes how to interact with GoData.



## Dashboard settings

On the dashboard settings page, you can customize the look and feel of the home page.



The API document describes how to interact with GoData.

## Frequently Asked Questions

- **Q: Can I install GoData on any computer?**

A: We recommend installing GoData on a computer that can be accessed from your production floor for easy connection with GoProduce.



- **Q: What is the purpose of connecting GoProduce to GoData?**

A: Connecting GoProduce to GoData allows the collection of job information for analysis and reducing machine downtime.

- **Q: How do I manage Microsoft IIS for GoData?**

A: Use the IIS Manager to access SummaGoDataPublish and manage the GoData website. Ensure necessary dependencies are installed.

## Documents / Resources

  	<a href="#">Summa GoData Software</a> [pdf] User Manual GoData Software, Software
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## References

- [ASP.NET Core | Open-source web framework for .NET](#)
- [Summa.com](#)

- [User Manual](#)

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