

GOTM

DATA

User Manual
Rev 004



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1 INSTALLATION

1.1 General

Summa GoData is a software tool that gathers data from your workflow. Once GoProduce is connected (see chapter 3 *Connecting GoData with GoProduce* for more information), 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.

1.2 Specifications

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

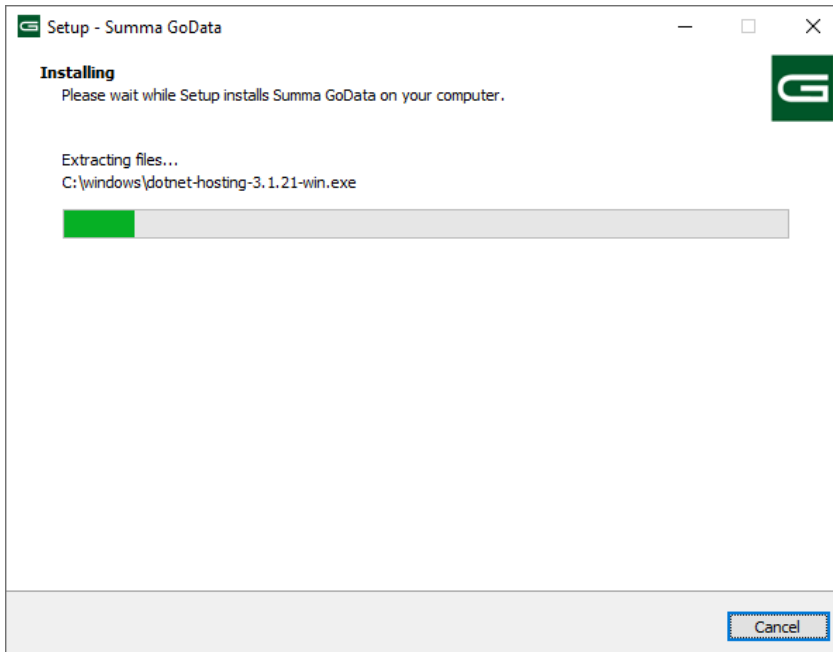
- Windows 10 (Professional - Enterprise)/11 (Professional - Enterprise) 64-bit, with the latest updates and Service Pack.
- It must have a network connection, at least to the internal network.
- At least 5 GB of free disk space is needed.

Additionally, please ensure the following:

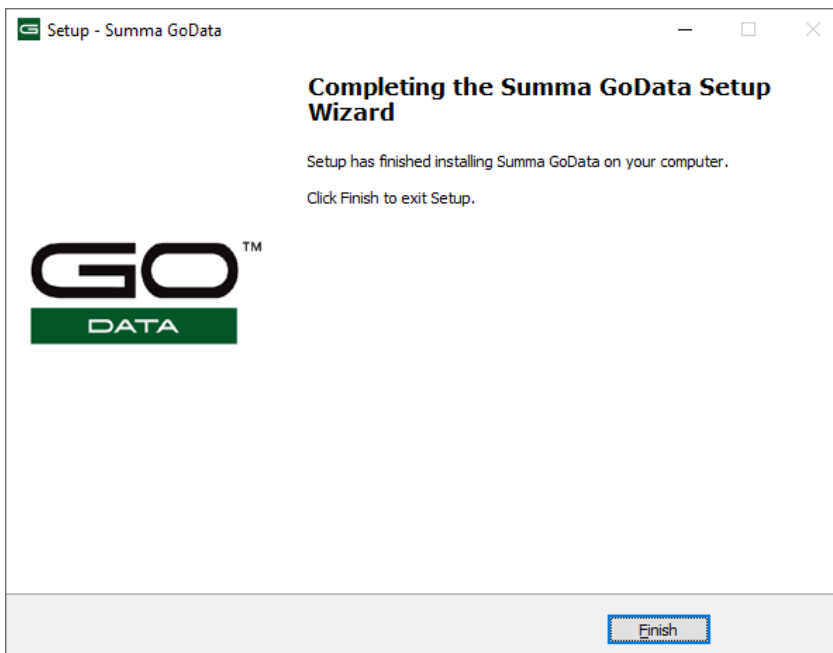
- Allow port 8009 if the PC has a configured firewall.
- Enable ping requests on the GoData PC, as GoProduce sends a ping request for verification.

1.3 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/>.



Start the activation and configuration procedure in the **About** screen of GoProduce if you have the required license. If you want to start a trial period, please refer to 1.5 *Request trial* **Error! Reference source not found.** on page 7.

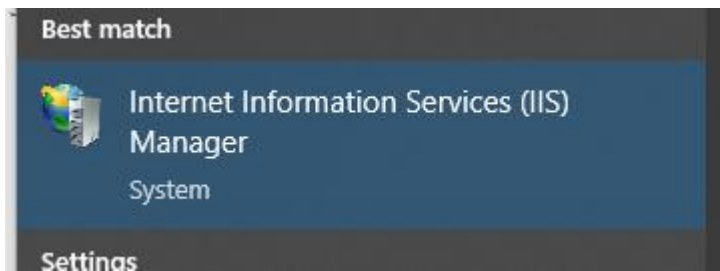
1.4 Microsoft IIS



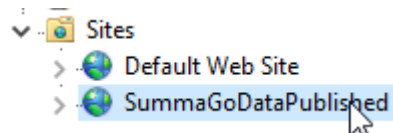
NOTE: The program has some dependencies on the IIS from Microsoft. We briefly inform about some basics on Microsoft IIS but refer to the documentation of Microsoft to check it more in depth.

1.4.1 IIS Manager

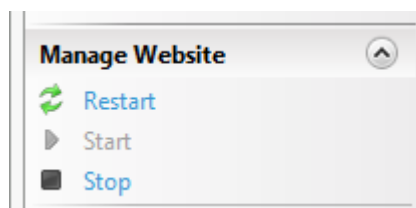
1. Click **Windows start** and search for **iss**.



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.



1.4.2 ISS Dependencies

1. Web Management Tools
 - a. **IIS Management Console**: The graphical user interface for managing IIS.
2. World Wide Web Services
 - a. Application Development Features
 - i. **.NET Extensibility 4.8**: Allows integration of .NET applications with IIS, supporting ASP.NET and other .NET applications.
 - ii. **Application Initialization**: Ensures that web applications are preloaded and initialized, improving response times for users.
 - iii. **ASP.NET 4.8**: Provides support for ASP.NET web applications.
 - iv. **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.
 - v. **ISAPI Extensions**: Enables support for ISAPI (Internet Server Application Programming Interface) extensions.
 - vi. **ISAPI Filters**: Intercept and process HTTP requests before they reach the application or extension.
 - vii. **Server-side Includes**: Allows you to include dynamic content within HTML pages.
 - b. Common HTTP Features
 - i. **Default Document**: Specifies default documents to serve when a user accesses a directory without specifying a specific file.
 - ii. **Directory Browsing**: Allows users to view the contents of a directory when no default document is present. It generates a directory listing.
 - iii. **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.
 - iv. **Static Content**: Enables serving static files (e.g., HTML, CSS, images) directly from the web server without any processing.
 - c. Health and Diagnostics
 - i. **HTTP Logging**: Logs HTTP requests and responses for troubleshooting and analysis.
 - d. Performance Features
 - i. **Static Content Compression**: Enables static content compression to improve performance by reducing data transfer size.
 - e. Security
 - i. **Request Filtering**: Provides request filtering capabilities, allowing you to block specific requests based on rules.

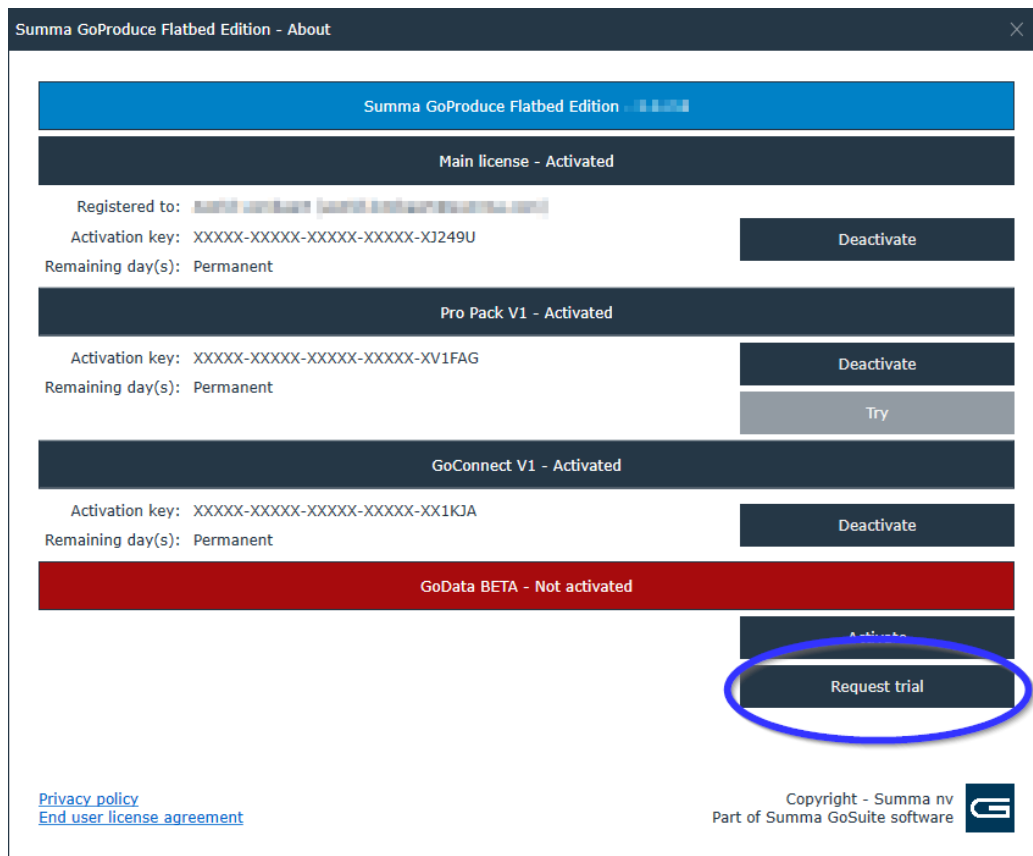
Turn Windows features on or off

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.

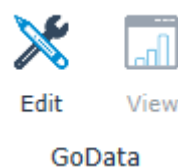
- Guarded Host
- Hyper-V
- Internet Information Services
 - FTP Server
 - Web Management Tools
 - IIS 6 Management Compatibility
 - IIS Management Console
 - IIS Management Scripts and Tools
 - IIS Management Service
 - World Wide Web Services
 - Application Development Features
 - .NET Extensibility 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

1.5 Request trial

When GoProduce Flatbed Edition or GoProduce Laser Edition is installed, its **About** screen allows you to try GoData.



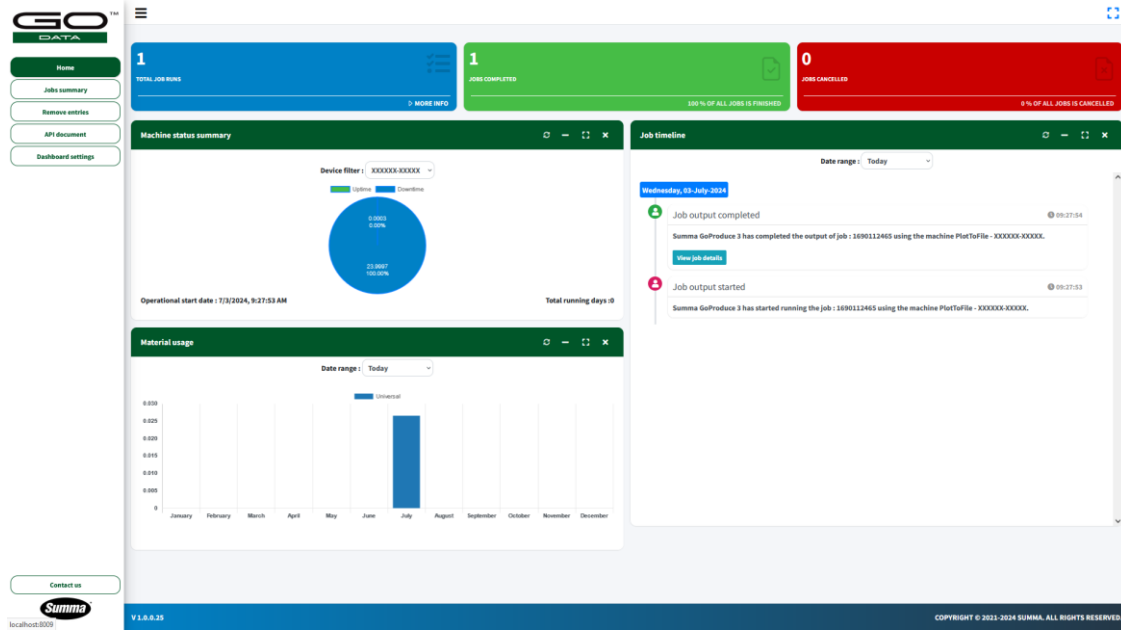
Click **Request Trial** to receive an email containing your trial key, which provides temporary access to GoData. Each trial key supports up to five installations of the GoProduce software, allowing you to connect up to five machines to GoData per trial. After entering the trial key and restarting Go Produce, the following buttons appear on the **General** tab in the GoProduce software:



2 BASIC DASHBOARD

2.1 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.



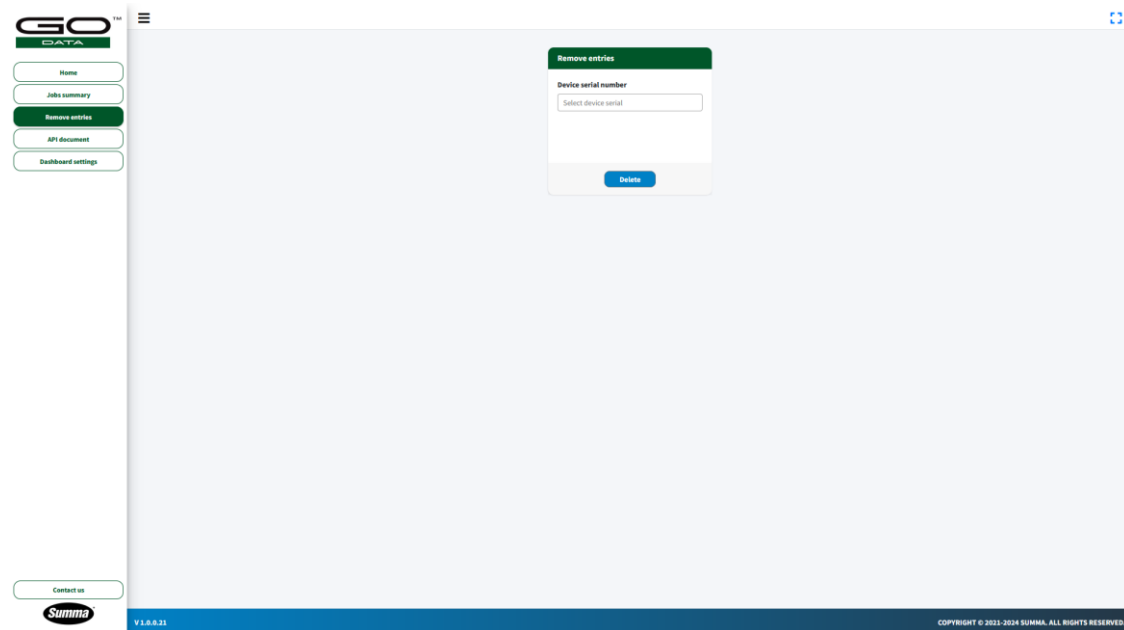
2.2 Job summary

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

Job name	Serial number	Device model	Start date	End date	Material name	Total job time	Job status
1890112465	XXXXXX-XXXXX	PlotToFile	03-07-2024 14:09:28	03-07-2024 14:09:29	Universal	0.0001	Job finished
1890112465	XXXXXX-XXXXX	PlotToFile	03-07-2024 14:09:25	03-07-2024 14:09:25	Universal	0.0001	Job finished
1890112465	XXXXXX-XXXXX	PlotToFile	03-07-2024 14:09:22	03-07-2024 14:09:23	Universal	0.0001	Job finished
1890112465	XXXXXX-XXXXX	PlotToFile	03-07-2024 14:09:19	03-07-2024 14:09:20	Universal	0.0002	Job finished
1890112465	XXXXXX-XXXXX	PlotToFile	03-07-2024 09:27:53	03-07-2024 09:27:54	Universal	0.0003	Job finished

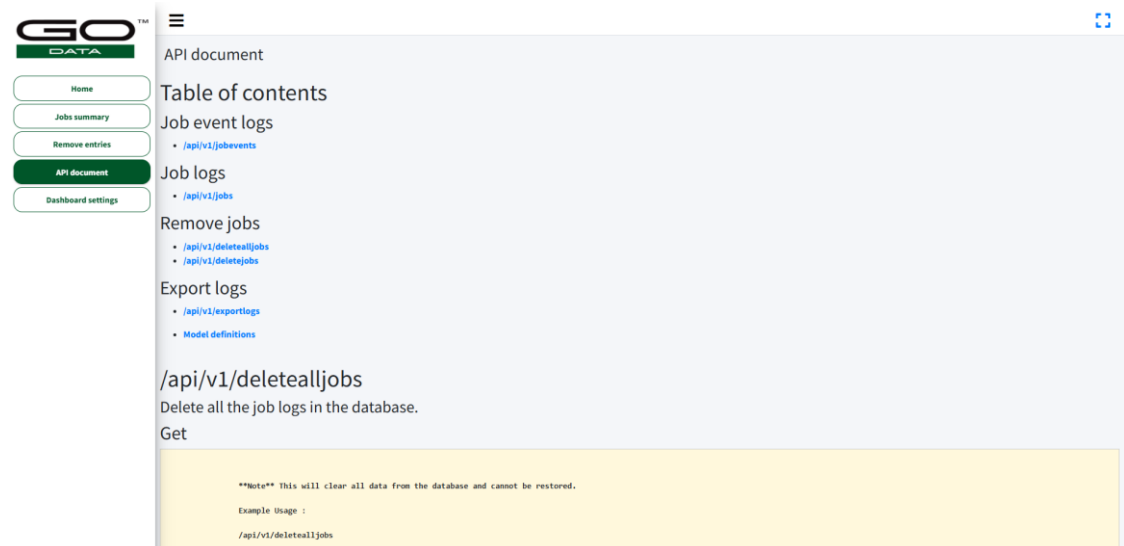
2.3 Remove entries

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



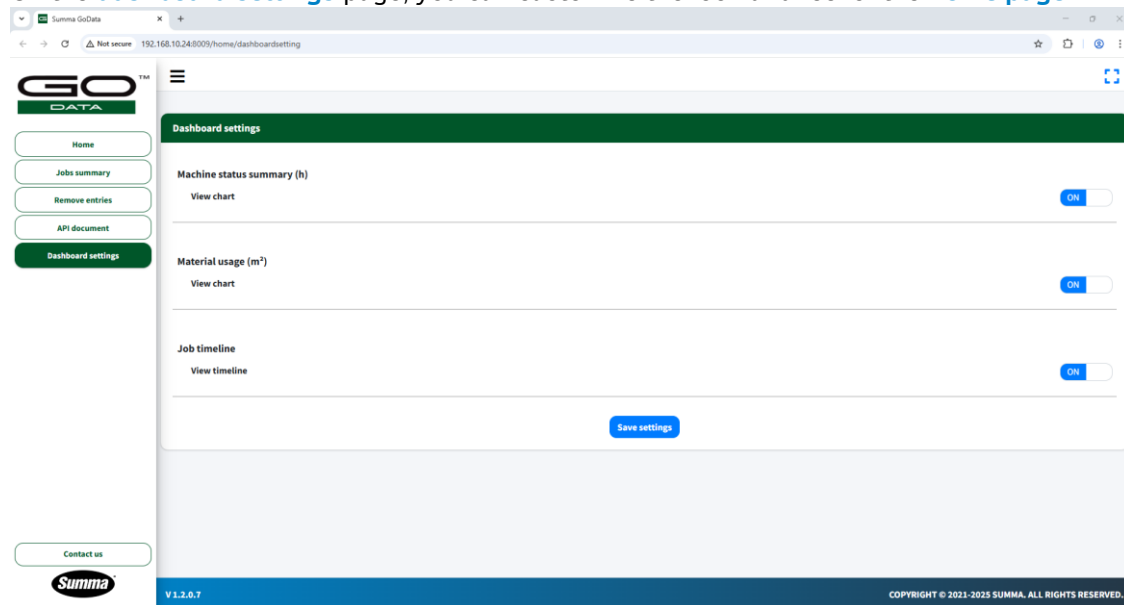
2.4 API document

The [API document](#) describes how to interact with GoData.



2.5 Dashboard settings

On the [dashboard settings](#) page, you can customize the look and feel of the [home page](#).



The screenshot shows a web browser window displaying the GoData dashboard settings page. The browser's address bar shows the URL `192.168.10.24:8009/home/dashboardsetting`. The page features a sidebar on the left with navigation buttons: Home, Jobs summary, Remove entries, API document, and Dashboard settings (which is highlighted). The main content area is titled "Dashboard settings" and contains three sections, each with a "View chart" link and a toggle switch:

- Machine status summary (h)**: View chart
- Material usage (m²)**: View chart
- Job timeline**: View timeline

At the bottom of the settings area is a "Save settings" button. The footer of the page includes the Summa logo, the version number "V 1.2.0.7", and the copyright notice "COPYRIGHT © 2021-2025 SUMMA. ALL RIGHTS RESERVED.".

3 CONNECTING GODATA WITH GOPRODUCE

When your GoData license is activated, the icons explained below are visible on the **General** tab in GoProduce.



Edit



View

GoData

Click the **Edit** icon to set up the connection with the server where the data will be saved.

Summa GoProduce Flatbed Edition - Event log config

Enable

Protocol

IP address

Port Number

Test connection Save Cancel

Click the **View** icon to view the dashboard with the stored info.