

**Document Title:** User Guide: API Sync IAF CERTSEARCH Database

**Version:** 1.5.0

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## 1. INTRODUCTION & LIABILITY

Welcome to CB Automation, the premier enterprise compliance engine for Certification Bodies. This software provides automated document generation, surveillance tracking, and direct API integration with the IAF CertSearch database. **Important Notice:** By installing this self-hosted software, the Client assumes full responsibility for their server environment, data security, and the legal validity of the generated certificates.

## 2. SYSTEM REQUIREMENTS

### Operating System:

Linux (Ubuntu/CentOS recommended) or Windows (XAMPP).

### Web Server:

Apache or Nginx.

### PHP Version:

8.2 or 8.4.

### Database:

MariaDB 10.4+ or MySQL 8.0+.

### Required PHP Extensions:

mysqli, curl, gd, zip, mbstring.

### Tools:

Composer (for dependency management).

## 3. DEPLOYMENT & INSTALLATION

Installation procedures are covered in the *Quick Start Guide*. Please refer to that manual for step-by-step deployment instructions. For a visual walkthrough of the IAF CERTSEARCH Database reporting process outlined below, please watch the full video tutorial on our website: Navigate to <https://consulting-ua.eu/cb-automation.php>, locate the “IAF Reporting Module,” or view the video directly [here](#).

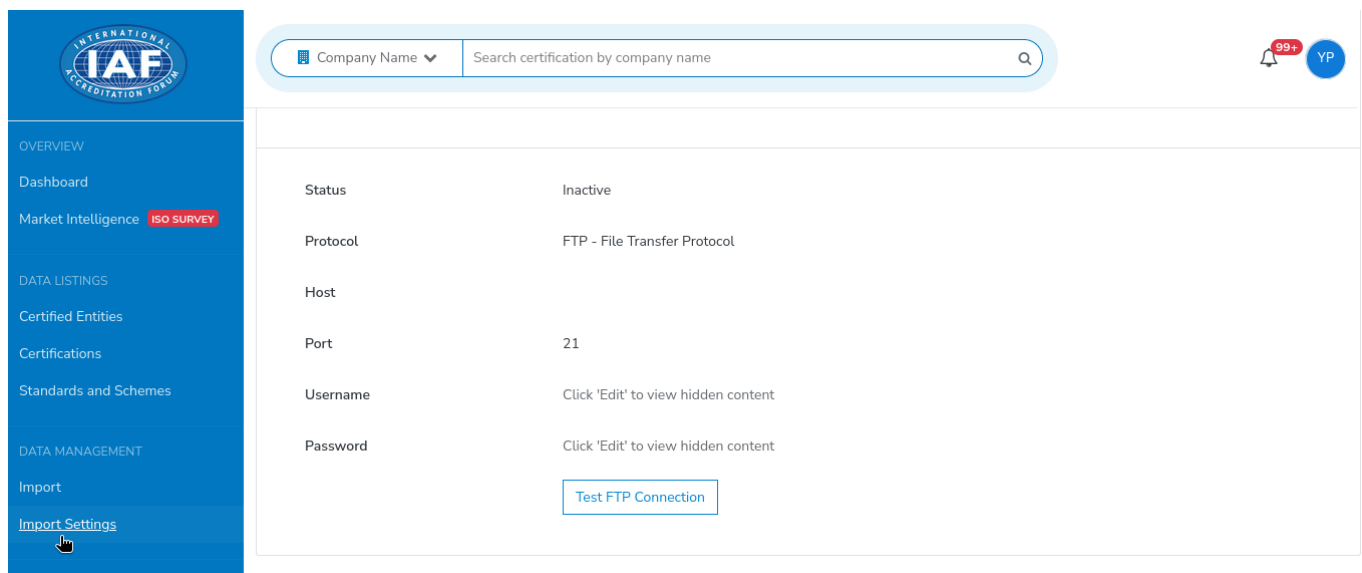
## 4. REPORTING TO THE IAF CERTSEARCH DATABASE

After installing the CB Automation App (hereafter referred to as "the App") and issuing your first Certificates, those records must be reported to the IAF CERTSEARCH Database (<https://www.iafcertsearch.org>). Historically a difficult manual process, the CB Automation native API integration reduces this workflow to just a few clicks.

**4.1. Account Registration:** Ensure you have an active, configured account with the IAF CERTSEARCH Database.

### 4.2. Generating the API Key:

Log into your IAF CERTSEARCH account. Navigate to **Import Settings > API Integration** and click **Generate Key**. Once the key is generated, click **Copy** (as shown in the screenshots below):



The screenshot shows the IAF CERTSEARCH user interface. On the left is a blue sidebar with the IAF logo and navigation menu. The main content area displays API integration settings for a specific company. At the top, there is a search bar with a dropdown for 'Company Name' and a search icon. The settings are as follows:

Status	Inactive
Protocol	FTP - File Transfer Protocol
Host	
Port	21
Username	Click 'Edit' to view hidden content
Password	Click 'Edit' to view hidden content

Below the settings is a button labeled 'Test FTP Connection'.

INTERNATIONAL ACCREDITATION FORUM  
IAF

Company Name ▾ Search certification by company name

Overview

Dashboard

Market Intelligence **ISO SURVEY**

Data Listings

Certified Entities

Certifications

Standards and Schemes

Data Management

Import

Import Settings

Import Settings / API Integration

## API Integration

Manage your data import process according to your preference by configuring your default import settings.

FTP Settings **API Integration** Global Mapping Auto Import Settings Template Versionin

### Generated API Keys **i**

To connect securely to the IAF CertSearch, third-party systems needs an IAF CertSearch generated key with necessary resources.

Copy Delete API Key

to the IAF CertSearch, third-party systems needs an IAF CertSearch generated key with necessary p

### 4.3. Configuring the App:

Provide this key to your IT team or configure it directly:

Locate the `cb_cert_functions.php` file inside the `/includes` directory of your CB Automation base path (e.g., `C:\CB_APP\includes` on Windows, or `/var/www/html/cb_app/includes` on Linux).

Open the file using a plain text or code editor (Do not use Microsoft Word, as it may insert hidden formatting).

Find the following line: `define('IAF_API_KEY', '68ebd104ef892');`

Replace the default key (68ebd104ef892) with the exact key you copied from the IAF CERTSEARCH Database. Do not alter any surrounding quotation marks or syntax.

Save and close the file. The system is now authorized to transmit data:

```
cb_cert_functions.php X
home > sites > cb > includes > cb_cert_functions.php
1 <?php
2 // FILE: includes/cb_cert_functions.php
3
4 // -----
5 // 1. CONFIGURATION
6 // -----
7 define('IAF_API_KEY', '68ebd104ef892');
8 define('IAF_API_URL', 'https://api.iafcertsearch.org/api/client/v2/cb/');
9
10 // -----
11 // HELPER: TRANSLITERATION (Safe Declaration)
12 // -----
13 if (!function_exists('transliterate_ua_to_en_iaf')) {
14     function transliterate_ua_to_en_iaf($string) {
15         if (empty($string)) return '';
16
17         // 1. Semantic Dictionary (Process Regions, Cities, and Address Abbreviations)
18         $dictionary = [
19             // Standard Address Abbreviations
20             'вул.' => 'Str.', 'вулиця ' => 'Street ',
21             'буд.' => 'Bld.', 'будинок ' => 'Building ',
22             'кв.' => 'Apt.', 'квартира ' => 'Apartment ',
23             'оф.' => 'Off.', 'офіс ' => 'Office ',
24             'м.' => 'City ', 'місто ' => 'City ',
25             'обл.' => 'Region', 'область' => 'Region',
26             'р-н' => 'District', 'район' => 'District',
27             'просп.' => 'Ave.', 'проспект ' => 'Avenue ',

```

#### 4.4. Generating the Report:

1. Log into CB Automation and navigate to **CB Cert Report**.
2. In the **IAF Data Manager** interface, check the boxes next to the clients you wish to report to the database.
3. Click the **Preview & Edit Snapshot** button.
4. This opens the **IAF Data Preview** screen, which automatically transliterates Ukrainian/Russian Cyrillic names into standard English. Review and edit any data as necessary.
5. If you make modifications, you must click **Save Changes** before proceeding. (*Note: Saved modifications are permanent for future reports, so verify their accuracy*).
6. Once verified, click **Confirm and Upload**. If you need to restart the process, click **Wipe**

Data to reset the batch.

## Reports

### REPORTING TOOLS

- CB Cert Report**
- IAF Certification Reports
- Summary Reports
- Company Certificate Overview

### LIVE CERTIFICATE FEED

- 80143.QMS.EN.050-26**  
Marius 2026-03-19
- 80143.QMS.050.01-024**  
Marius 2026-03-19
- 80143.FSMS.025-26**  
Rivonia РИВОНЬКА 2026-03-19

## IAF Data Manager

[← Back to Dashboard](#)

Live Database Report | Confirmed Reports (History)

Show per page: 25 | Search: Search by Company, Cert Number, or EDRPOU... [Search](#)

Select certificates to generate a Snapshot for IAF Reporting. You can preview and edit data before uploading.

<input type="checkbox"/>	Client Name	Certificate Number	Issue Date	Status	Report Status
<input type="checkbox"/>	7 Service	80143.QMS.050-26	2025-04-20	Active	New
<input type="checkbox"/>	7 Service	80143.QMS.EN.050-26	2026-03-19	Active	New
<input type="checkbox"/>	7 Service	80143.QMS.050.01-024	2026-03-19	Active	New
<input checked="" type="checkbox"/>	ПРИВАТНЕ ПІДПРИЄМСТВО "СОМ"	80143.FSMS.025-26	2026-03-19	Active	New
<input checked="" type="checkbox"/>	ПРИВАТНЕ ПІДПРИЄМСТВО "СОМ"	80143.FSMS.025.01-26	2026-03-19	Active	New
<input checked="" type="checkbox"/>	ТОВ «ДОНСПЕЦБУД 07»	80143.EMS.030-26	2026-03-18	Active	New
<input checked="" type="checkbox"/>	ТОВ «ДОНСПЕЦБУД 07»	80143.EMS.030.01-26	2026-03-18	Active	New
<input checked="" type="checkbox"/>	ФІРМА «КИМС»	80143.QMS.049-26	2026-03-18	Active	New
<input checked="" type="checkbox"/>	ФІРМА «КИМС»	80143.QMS.EN.049-26	2026-03-18	Active	New
<input type="checkbox"/>	ФІРМА «КИМС»	80143.QMS.049.01-26	2026-03-18	Active	New
<input checked="" type="checkbox"/>	ТОВ «ДРУЖБА ОЙЛ»	80143.QMS.048-26	2026-03-17	Active	Reported
<input checked="" type="checkbox"/>	ТОВ «ДРУЖБА ОЙЛ»	80143.FSMS.024-26	2026-03-17	Active	Reported



Once the report is dispatched, you will receive a JSON response file detailing exactly what the IAF CERTSEARCH Database accepted.

A successful upload will return an HTTP 200 status code, which is automatically stored in your App's logs as proof of reporting.

When returning to the

## CB Cert Report

page, successfully reported companies will display a new

### "Reported"

status. To prevent duplicate data entries, these companies can no longer be selected for initial reporting.

The screenshot shows the 'IAF Data Manager' interface. A modal window titled 'Log #17 Response' is open, displaying a JSON response:

```
Array
(
  [data] => Array
  (
    [success] => 1
  )
)
```

The background shows a table of upload logs with columns for ID, Date, Name, Status, and Actions. The table contains 7 rows of data, all with a 'Success' status.

✓	ТОВ «ДРУЖБА ОЙЛ»	80143.QMS.048-26	2026-03-17	Active	Reported
✓	Already Reported ДИЛ»	80143.FSMS.024-26	2026-03-17	Active	Reported
✓	ТОВ «ДРУЖБА ОЙЛ»	80143.EMS.029-26	2026-03-17	Active	Reported

Your clients are now successfully registered in the international IAF CERTSEARCH Database.

Visit us at <https://consulting-ua.eu/index.php> for future updates or send us an email to [support@consulting-ua.eu](mailto:support@consulting-ua.eu)