



THE CAMFIL GROUP

1st Time use of CFSS
2021-04-26

CLEAN AIR SOLUTIONS



Content

- I. Camfil Filtration Solution System – Introduction
- II. Activate your Camfil Account

For CAIR and Clean AMC application additional steps apply:

- III. 1st time login & install CFSS (For CAIR and Clean AMC only)
- IV. 1st time run CFSS at your PC (for CAIR and Clean AMC only)
- V. Camfil Solution System – Main Window (for CAIR and Clean AMC only)

Camfil Solution System

I. Introduction

Camfil Solution System - Introduction

The **Camfil Filtration Solution System (CFSS)** is a platform to use for various calculations concerning Air filters and IAQ . Most applications with a few exceptions (CAIR and Clean AMC) are web applications. This means that you can run the applications on a web-browser on you computer or other device as long as you have access to the internet. Some examples are:

- Life cycle analysis of Camfil Filtration products in Air handling units (LCC)
- Calculation of clean room cleanliness classes (Clean)
- Air filter performance for HEPA and ULPA filters (HPE)
- Air filter performance for HVAC filters (CAT)
- Special application software

Applications

Business Segments:



Camfil Solution System – Application owners

Each application Camfil Filtration Solution system (CFSS) is owned by an application owner. The Application owner is responsible for the application and the content. The application owners can be found in the CFSS under You can find the application owners at:

“Software/Software Application Owner”

The application owner decides what functions and products are available in each application. They also decides about access rights to the respective application.

If you have requests of additional products, functions etc. contact the application owner.

CFSS - Central Station / Home / Software Application Owner



A screenshot of a web application's navigation menu. The menu is titled 'HOME' and contains a list of links organized into several categories. The categories are: Home, Your Information, Software (with a sub-link for Software Application Owner), Download Setup File, Announcement, Your Computer, Camfil Account (with sub-links for Your External User, Find User, Create External User, Release External User, Your Request, Pending Your Decision, Remove External User, Your Request, Be Account Manager, Pending Your Decision), User Manual (with sub-links for CFSS Information, 1st Time Use of CFSS, Introduction of CFSS-Central Station, Guide to manage Your External User, Reset Password, Life Cycle Cost (LCC), Clean Room & Energy Optimisation (CREO) - Online, Online Application), and Application Information.

Software Application

System Admin

- Responsible for software performance
- System support

SYSTEM ADMIN - Fan Phoi San

SYSTEM ADMIN - Ulf Johansson

SYSTEM ADMIN - Pinky Poh

SYSTEM ADMIN - Kan JiaWen

Region Admin

- Responsible for what software is applicable for the region
- System support

REGION ADMIN - Christian Lindahl



To enable Cam-Cleaner sales personnel to create: - Standardized sales method for Cam-Cleaner sales - Environment IAQ report - IAQ improvement simulation of Cam-Cleaner installation - Proof of concept IAQ report
Objectives: - Standardize sales method for Cam-Cleaner sales person - Cam-Cleaner sales person can easily operate C-Air with minimum computer knowledge - Allow customer to aware importance of IAQ - Allow customer to understand that Cam-Cleaner can help to improve their IAQ - Significantly increase the cam-cleaner solution sales to - Improve image of the Cam-Cleaner sales person

Owner:

REGION APPLICATION OWNER - Patrik Jansson

Camfil Solution System – Support

The CFSS is supported by regional technical support and the system administrators. If you have technical issues with the application you can contact them for further assistance.

Regional Technical support

Europe – Christian Lindahl, Camfil AB, Sweden

US – Don Thornburg, Camfil US, Riverdale

ASIA – Jia Wen Kan, Camfil Malaysia

System Administrators

Jia Wen Kan, Camfil Malaysia

Pinky Poh, Camfil Malaysia

Phoi San Fan, Camfil Malaysia

Camfil Solution System

II. Activate your Camfil Account

Activate your Camfil Account – Login

1. Open web browser and browse to <https://cfss.camfil.net/cfss>
2. At the **login section**, put in your Email ID and password. The system will redirect you to activation page where you can select your preference settings.

camfil Camfil Solution System - Central Station

Login

CFSS - Central Station / Login

LOGIN

Email ID

Password

Sign In

LINK

- » Forgot password
- » CFSS information
- » 1st time use of CFSS

Camfil Solution System (CFSS)

The Camfil (filter) Solution system is a powerful platform that comprises a great number of software applications for various calculations concerning Air filters and indoor air quality.

In the late 20th Century the first software application (LCC) was developed by Camfil R&D to help users of air filters to select the best solution in terms of IAQ and energy performance. This was followed by additional applications, designed for different applications and products.

The CFSS was created to cater all applications at one place, making it simple to do analysis on both IAQ to Energy performance in air handling systems. Today the CFSS contains analysis and optimization tools for a wide range of filter applications. Regardless if clean air is needed for Clean Process, POWER generation or an Office space - the solutions is often just a few clicks away.

CAMFIL CORPORATE

camfil

Contact Information

Contact us

Activate your Camfil Account – Step 1

1. After successfully authenticated, system will retrieve your information from server
2. Select the **country** you belong to (drop down list)
3. Select the **language** you prefer (drop down list)
4. Select the **currency** you prefer (drop down list)
5. Select the **calculation unit** you prefer (drop down list)
6. Click on “**Update & Continue**” to activate your Camfil account

camfil Camfil Solution System - Central Station Welcome, Akemi Mok Sign Out

CFSS - Central Station / Create Account / Preference Settings

CREATE ACCOUNT

1. Preference Settings

USER INFO

Email ID
Akemi.Mok@camfil.com.my

First Name
Akemi

Last Name
Mok

Company
Camfil Malaysia Sdn Bhd

Designation / Title
Material Planner

Department

Logistic

Tel. No
+602 366 8888 Ext-127

Fax No
+602 366 8880

Street
Plot 5A, Lorong Bemban 1

City
Siti Gajah

Zip / Postal Code
31000

State
Perak

1. Preference Settings

Which is your country?
Select Country

Which is your preference language?
Select Language

Which is your preference currency?
Select Currency

Which is your preference unit for calculation?
Select Unit

Update & Continue

Activate your Camfil Account – Step 2

1. **Select the software applications and functions** you want to access. Check the boxes. Observe that there may be several functions in one software application. Click on “Apply” then system will send your request to application owner.
2. **More functions;** If you at a later stage want to have access to more functions you can log in here and request more functions

Welcome, Juan Palomino
Sign Out

Camfil Solution System - Central Station

Home Applications

CFSS - Central Station / Home / Software

HOME

- » Home
- » Your Information
- » Software
 - » Software Application Owner
- » Download Setup File
- » Announcement
- » Your Computer
- » Camfil Account
 - » Your External User
 - » Find User
 - » Create External User
 - » Release External User
 - » Your Request
 - » Pending Your Decision
 - » Remove External User
 - » Your Request
 - » Be Account Manager
 - » Pending Your Decision
- » User Manual
 - » CFSS Information
 - » 1st Time Use of CFSS
 - » Introduction of CFSS-Central Station
 - » Guide to manage Your External User
 - » Reset Password
 - » Life Cycle Cost (LCC)
 - » Clean Room & Energy Optimisation (CREO) - Online
 - » Online Application
 - » Application Information

Software Application

CAIR

To enable Cam-Cleaner sales personnel to create: - Standardized sales method for Cam-Cleaner sales - Environment IAQ report - IAQ improvement simulation of Cam-Cleaner installation - Proof of concept IAQ report

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Features:

- PRICING** - Only able access by Camfil user to avoid complication.
2021-apr-26 / Rejected by Anders Olsson / Pricing is not available

Status History

CLEAN

online

This unique software application can help the designer of a clean room to estimate the cleanliness class in clean rooms or in other spaces (offices, etc.) using Camfil filters. Depending on the number of people, the activity in the room, the ventilation system and the filter selection the clean room class is calculated. This is a very quick and accurate tool for the clean room designer to make the first estimation on what filter selection is needed. Comparison up to three different solutions can be obtained with just a few inputs.

Status History

CLEAN ROOM & ENERGY OPTIMISATION (CREO)

online

The CREO (Clean Room and Energy Optimisation) application enable you to use the Camfil knowledge to create your own

Activate your Account – Step 3

1. Wait for response from application owner
2. You will receive an email from No-Reply@camfil.com to inform you that your activation has completed
3. If you have been accepted, two confirmation emails to your request will be sent to you
 - a) Application request success
 - b) Account activated
4. You can start to use the Web application

Activate your Camfil Account – Step 4 (For CAIR and Clean AMC)

For some software you must have the application software installed to your computer due to that the system must be able to be used without internet connection. The applications that require installation is currently CAIR and Clean AMC. Following procedure applies for those applications:

1. Application owner has approved the request
2. If you have been accepted, two confirmation emails to your request will be sent to you
 - a) Application request success
 - b) Account activated
3. Now you may start to log on to CFSS-Central Station and download the software



CAIR

To enable Cam-Cleaner sales personnel to create: - Standardized sales method for Cam-Cleaner sales - Environment IAQ report - IAQ improvement simulation of Cam-Cleaner installation - Proof of concept IAQ report
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CLEAN-AMC

This application gives an overview of achievable AMC concentrations inside a cleanroom for different scenario. The target of this application is to simulate the cleanroom conditions once the filters have been installed, not to provide filter lifetime estimations.

Camfil Solution System

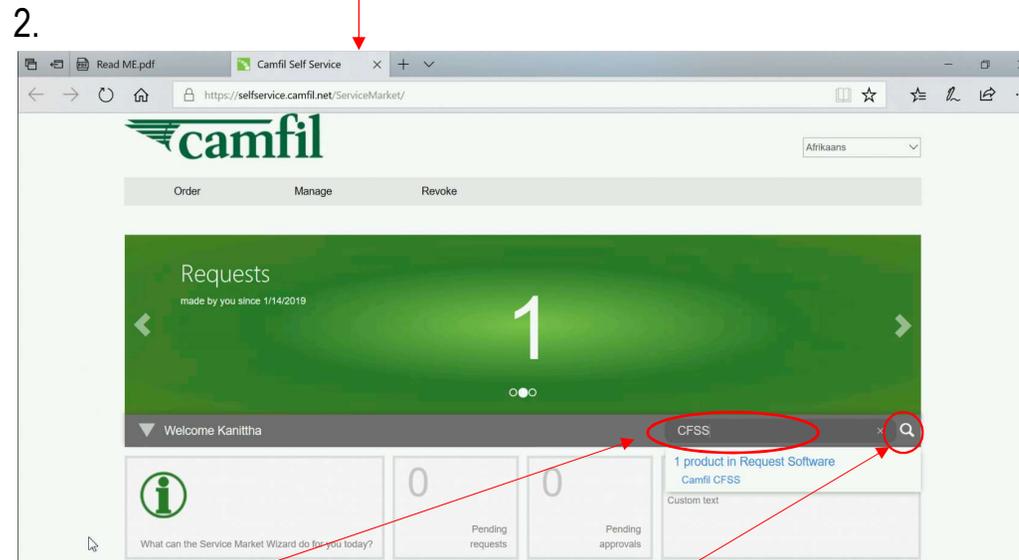
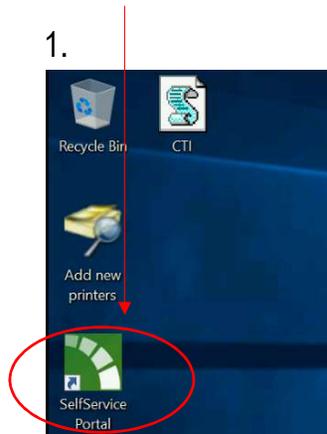


III. 1st time login & install CFSS

Lenovo User - 1st Time Login & Install CFSS – Step 1 & 3

The below installation steps are **only for Lenovo computer users**, others than Lenovo computer users, you may skip to **page no. 21**

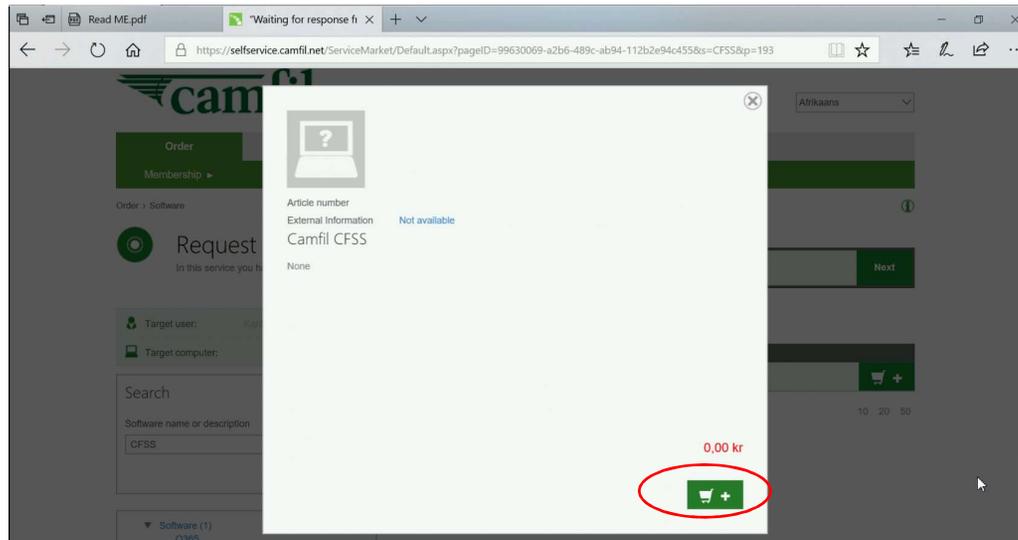
Double-click **SelfService Portal** icon at desktop to open browser <https://selfservice.camfil.net/ServiceMarket/>



3. Type **CFSS** in the search box and click the *find* icon

Lenovo User - 1st Time Login & Install CFSS – Step 4

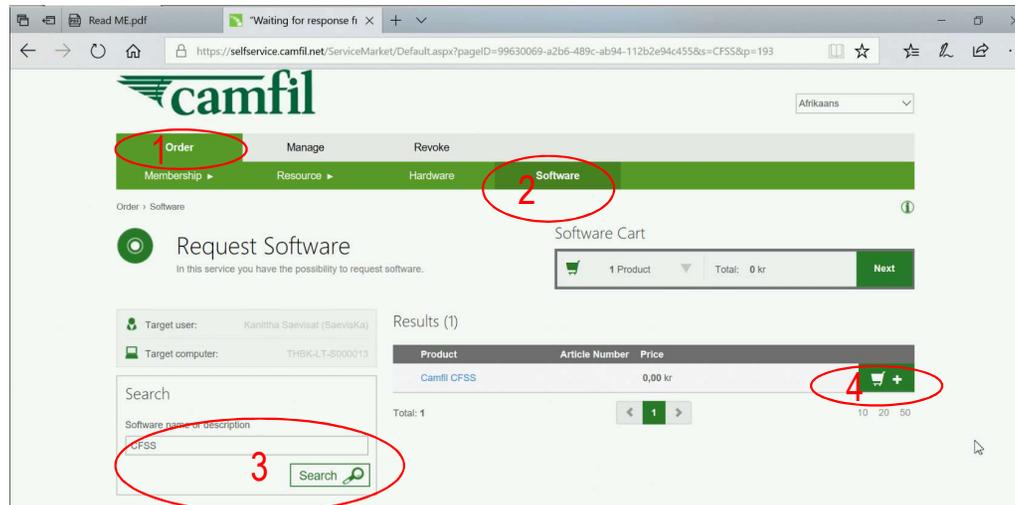
4. Click **Add Cart** button



Lenovo User - 1st Time Login & Install CFSS (Alternate option for Step 1-4)

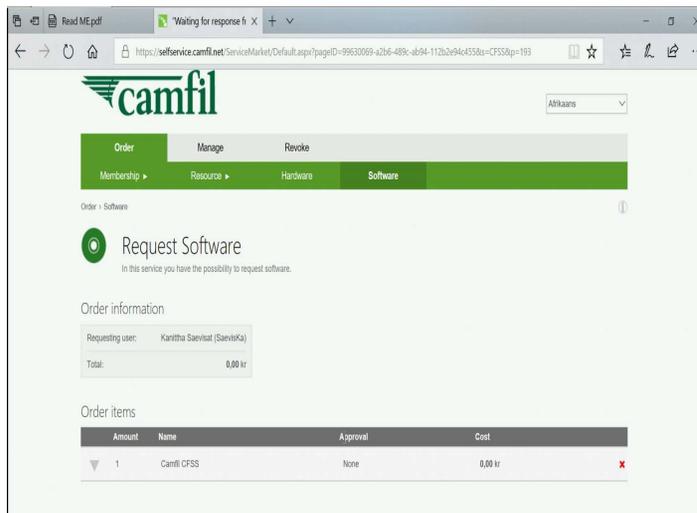
- *User may ignore the below steps if had done steps 1-4 at page no.14 & 15.*

Alternate way to search for CFSS software in the portal → 1. Order > 2. Software > 3.type keyword **CFSS** and search > 4.Click **Add Cart** button



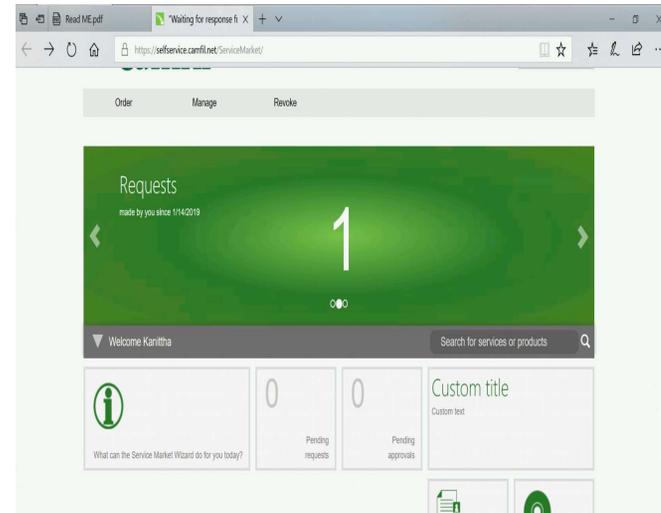
Lenovo User - 1st Time Login & Install CFSS – Step 4

Software requested successfully.



The screenshot shows the 'Request Software' page in the Camfil ServiceMarket. The page has a green header with the Camfil logo and a user dropdown menu set to 'Atikaans'. Below the header is a navigation bar with tabs for 'Order', 'Manage', and 'Revoke'. Under 'Order', there are sub-tabs for 'Membership', 'Resource', 'Hardware', and 'Software'. The main content area is titled 'Request Software' and includes a section for 'Order information' with fields for 'Requesting user: Karitha Saevisat (SaevisKa)' and 'Total: 0,00 kr'. Below this is a table for 'Order items'.

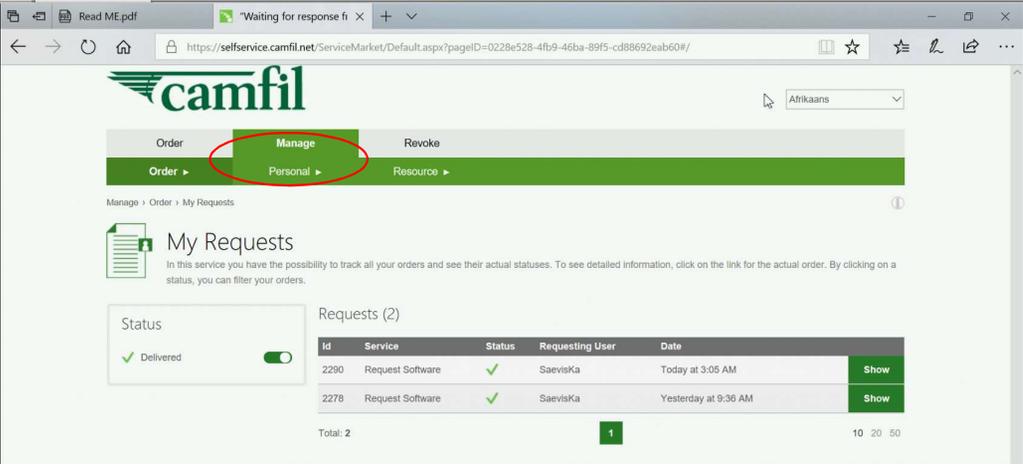
Amount	Name	Approval	Cost
1	Camfil CFSS	None	0,00 kr



The screenshot shows the Camfil ServiceMarket dashboard. The top navigation bar includes 'Order', 'Manage', and 'Revoke'. A large green banner displays 'Requests made by you since 11/4/2019' with a large number '1'. Below the banner is a search bar with 'Welcome Karitha' and 'Search for services or products'. The dashboard features several widgets: an information icon, a 'Pending requests' widget with a '0' count, a 'Pending approvals' widget with a '0' count, and a 'Custom title' widget with 'Custom text'. There are also icons for a document and a green circular icon at the bottom right.

Lenovo User - 1st Time Login & Install CFSS – Step 5

To check software request status, go to 1. Manage > 2. Personal



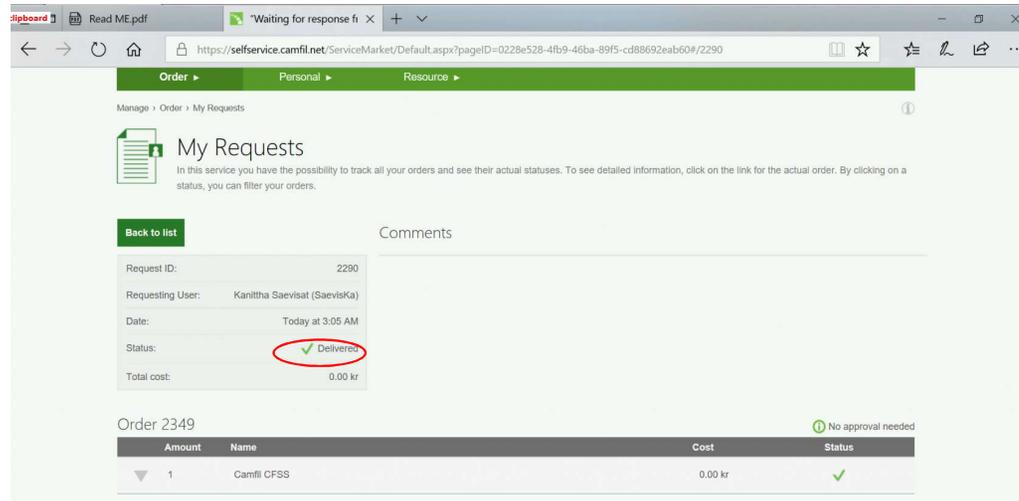
The screenshot shows the Camfil selfservice portal interface. The top navigation bar includes 'Order', 'Manage', and 'Revoke'. The 'Manage' menu is circled in red, and its 'Personal' sub-menu is highlighted. Below the navigation, the 'My Requests' section is visible, featuring a 'Status' filter set to 'Delivered' and a table of requests.

Id	Service	Status	Requesting User	Date	
2290	Request Software	✓	SaevisKa	Today at 3:05 AM	Show
2278	Request Software	✓	SaevisKa	Yesterday at 9:36 AM	Show

Total: 2

Lenovo User - 1st Time Login & Install CFSS – Step 5

- Users are required to wait for some time for the software request to be executed.
- Users may check the request status from time to time. If CFSS has been installed successfully, the status of the request will be shown as **Delivered**.

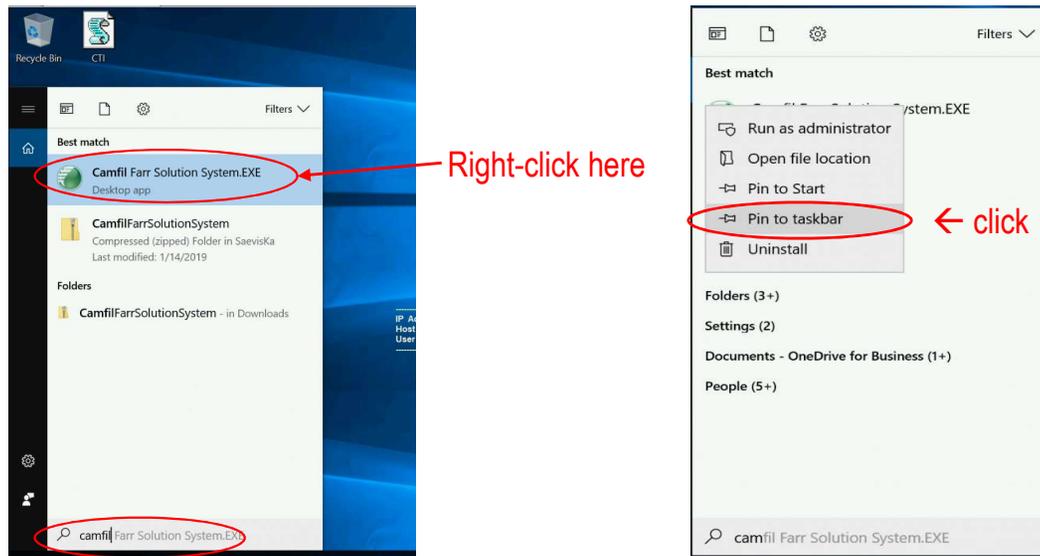


The screenshot shows a web browser window with the URL <https://selfservice.camfil.net/ServiceMarket/Default.aspx?pageID=0228e528-4fb9-46ba-89f5-cd88692eab60#/2290>. The page title is "My Requests" and it displays details for a request with ID 2290. The status is "Delivered", which is circled in red. Below the details is a table for "Order 2349" showing a single item: Camfil CFSS, with a cost of 0.00 kr and a status of "Delivered".

Amount	Name	Cost	Status
1	Camfil CFSS	0.00 kr	Delivered

Lenovo User - 1st Time Login & Install CFSS – Step 6

- User may find CFSS.exe from Windows search after it has been delivered successfully.
- Right-click on CFSS.exe and click Pin to taskbar.



If encounter issue during installation process, you get support from local IT Support.

NOT For Lenovo Computer User: 1st time login & install CFSS – Step 1

Address: <https://cfss.camfil.net/cfss>

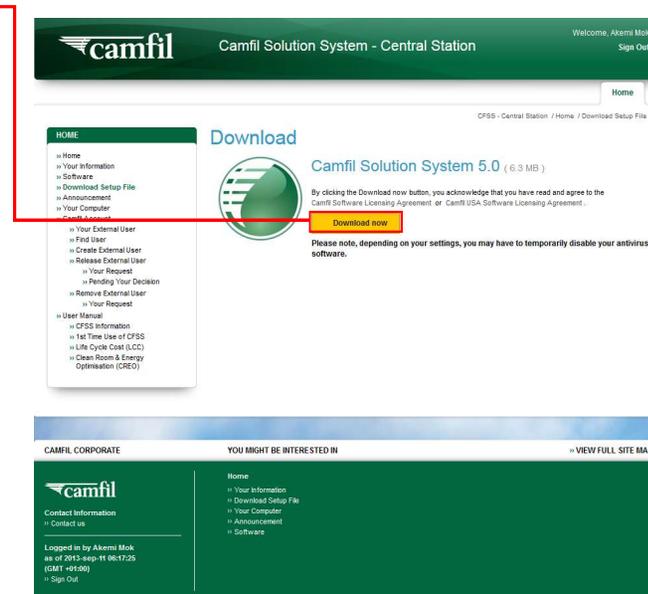
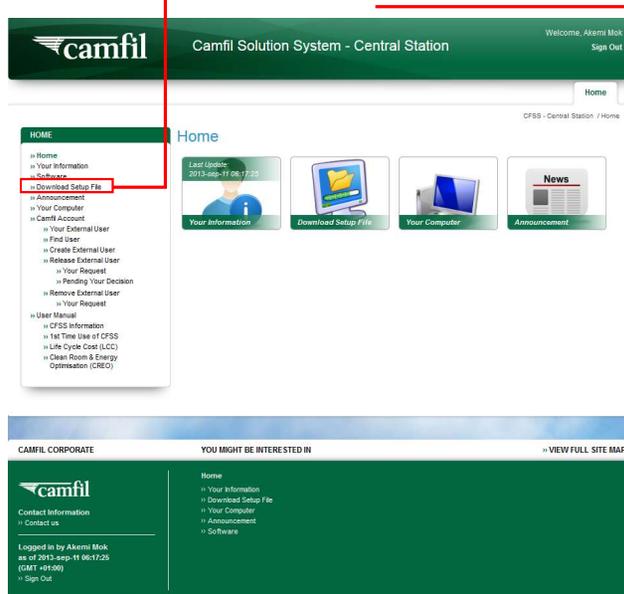
1. Open web browser and browse to <https://cfss.camfil.net/cfss> to get to the login screen
2. At the **login section**, put in your Email ID and password
3. Click on the “Sign In” button



The screenshot shows the Camfil Solution System - Central Station login page. The page has a green header with the Camfil logo and the text "Camfil Solution System - Central Station". Below the header, there is a "Login" section with a form containing "Email ID" and "Password" fields, and a "Sign In" button. To the right of the form is a graphic of a globe and a laptop. Below the form, there is a "LINK" section with links for "Forgot password", "CFSS information", and "1st time use of CFSS". To the right of the links is a section titled "Camfil Solution System (CFSS)" with a description of the system. At the bottom of the page, there is a footer with the Camfil logo and "Contact Information" link.

NOT For Lenovo Computer User: 1st time login & install CFSS – Step 2

1. Click on the **“Download Setup File”** and system will redirect you to download setup file page.
2. Click on **“Download now”**



NOT For Lenovo Computer User: 1st time login & install CFSS – Step 3

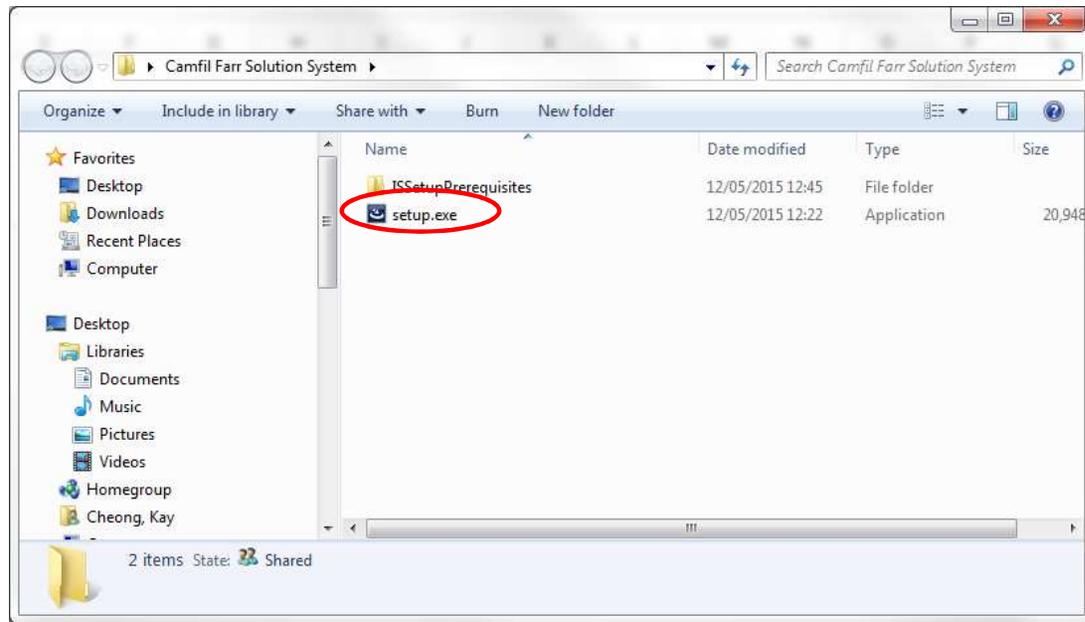
1. After you have clicked on the “**Download now**”, a dialog box should appear
2. Click “**Save**”
3. System will automatically save the CamfilFarrSolutionSystem file



The screenshot displays the Camfil Solution System - Central Station interface. The top navigation bar includes the Camfil logo, the text "Camfil Solution System - Central Station", and a user profile for "Welcome, Akemi Mok" with a "Sign Out" link. A "Home" button is visible in the top right. The main content area features a "Download" section for "Camfil Solution System 5.0 (6.3 MB)". A yellow "Download now" button is present, with a note below it: "Please note, depending on your settings, you may have to temporarily disable your antivirus software." A sidebar on the left lists various navigation options under "HOME". At the bottom of the page, a footer section includes "CAMFIL CORPORATE", "YOU MIGHT BE INTERESTED IN", and "VIEW FULL SITE MAP". A dialog box is open at the bottom of the browser window, asking "Do you want to run or save CFSSSetup.msi (6.28 MB) from cfsc.camfilfarr.net?". The "Run" button in this dialog box is circled in red.

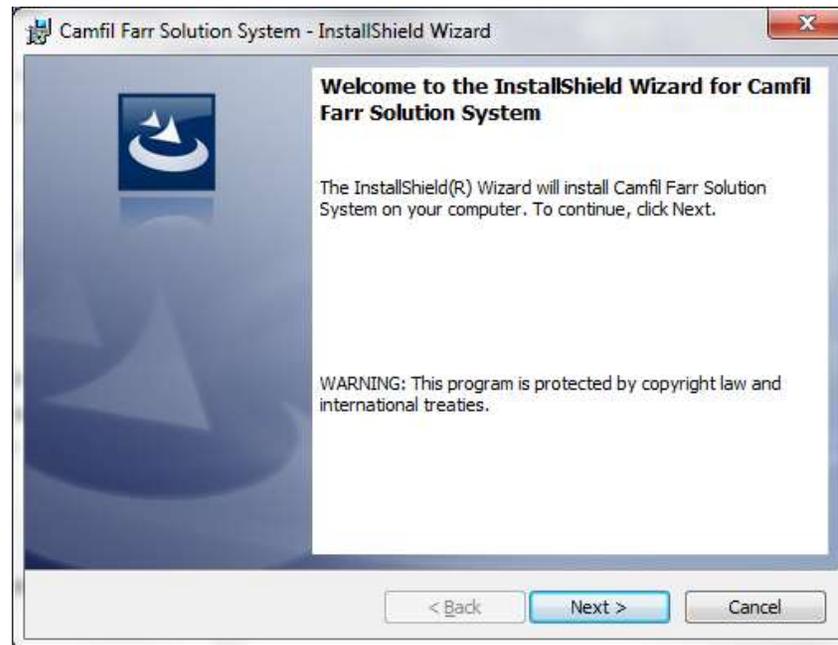
NOT For Lenovo Computer User: 1st time login & install CFSS – Step 4

1. Double click the setup.exe
2. System will trigger the setup procedure.



NOT For Lenovo Computer User: 1st time login & install CFSS – Step 5

1. For some computers the system may redirect you to another site in order to download additional files (dot net system). In doubt consult Camfil IT dept.
2. This is the first page of CFSS setup after successfully download the setup file into PC
3. Click “**Next**” to continue setup



NOT For Lenovo Computer User: 1st time login & install CFSS – Step 6

- 1) You must accept the **End User License Agreement** to continue on the setup
- 2) Click "**Next**" to continue



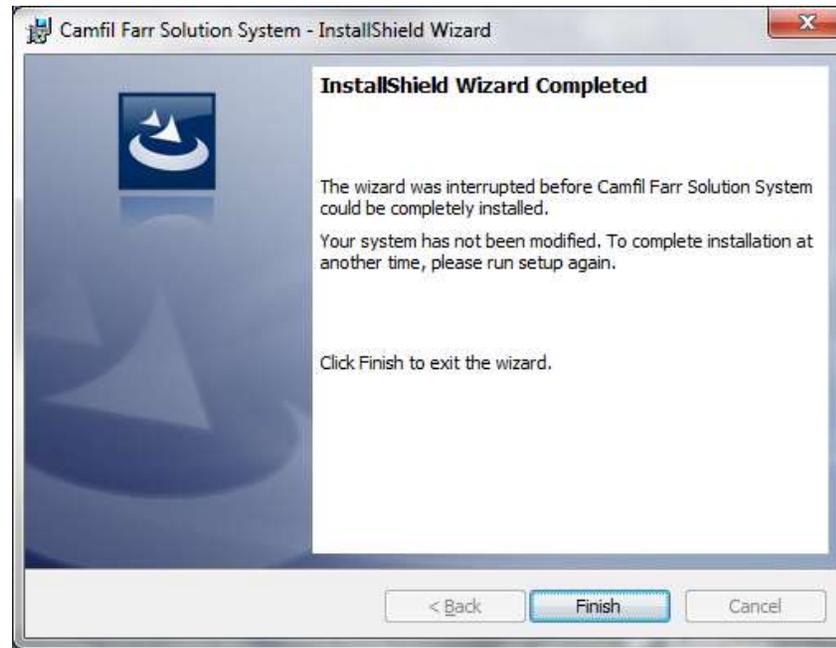
NOT For Lenovo Computer User: 1st time login & install CFSS – Step 7

1. This is the folder where the software is being installed, **DO NOT CHANGE** this
2. Click “**Install**” to continue setup



NOT For Lenovo Computer User: 1st time login & install CFSS – Step 8

1. Click “**Finish**” to finalize installation



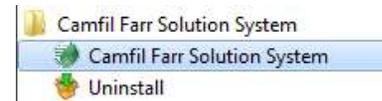
If encounter issue during installation process, you get support from local IT Support.

Camfil Solution System

IV. 1st time run CFSS at your PC

1st time run CFSS at your PC – Step 1

1. After successfully installed CFSS into your PC, you can find an shortcut icon with name “**Camfil Farr Solution System**” on your desktop
2. Another shortcut is : “**Start > Programs > Camfil Farr Solution System**”
3. Both shortcuts can be used for run CFSS on your PC



1st time run CFSS at your PC – Step 2

1. Every time you run CFSS, the system will ask user want to perform a Synchronization with server.
2. Make sure that you have connection to the intranet/internet
3. For first time run, system will force you to perform synchronization
4. You must synchronize your computer at least once a month to be sure that you have the latest information



1st time run CFSS at your PC – Step 3

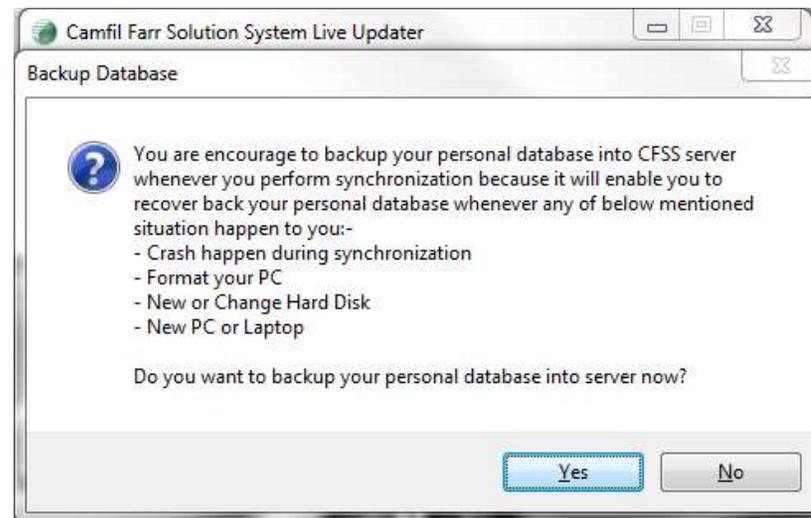
1. Key in Your **Email ID and Password**
2. Click on the “**Sign In**” button



1st time run CFSS at your PC – Step 4

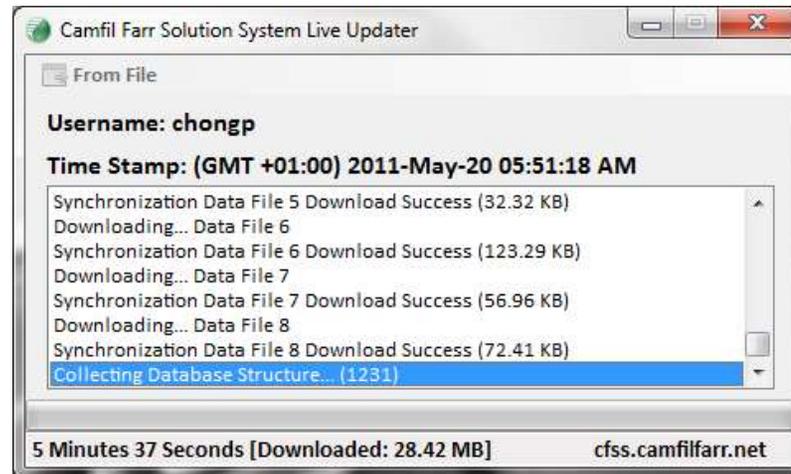
1. After successfully downloaded all the required files from server then system will prompt to ask whether you want to perform personal database backup. It is advisable to always backup your personal database so that you can always retrieve your personal database from server whenever you face:

- A Crash happen during synchronization
- Change format on your PC
- New or Change hard disk
- New PC or Laptop



1st time run CFSS at your PC – Step 5

- 1) After LOGIN this page will appear (user status of synchronization with the server). Once system has completed synchronization process the system will auto start CFSS.
- 2) The CFSS will auto start



1st time run CFSS at your PC – Step 6

1. This is the start page of the CFSS
2. Now you can start to work with your applications



CLEAN AIR SOLUTIONS



The application generate results in PDF format, therefore PDF reader is required to be installed. If you have problem to view the results with your PDF software, kindly install the Nitro reader (FREE) and make it as the default software to open the PDF file.

<https://www.gonitro.com/pdf-reader>

nitro

Other Tools Try Nitro Pro for free »

Welcome to Nitro's Free PDF Reader

A free PDF reader for Windows only*

Download free to create, review, sign, and share PDFs.

First Name Last Name

Email

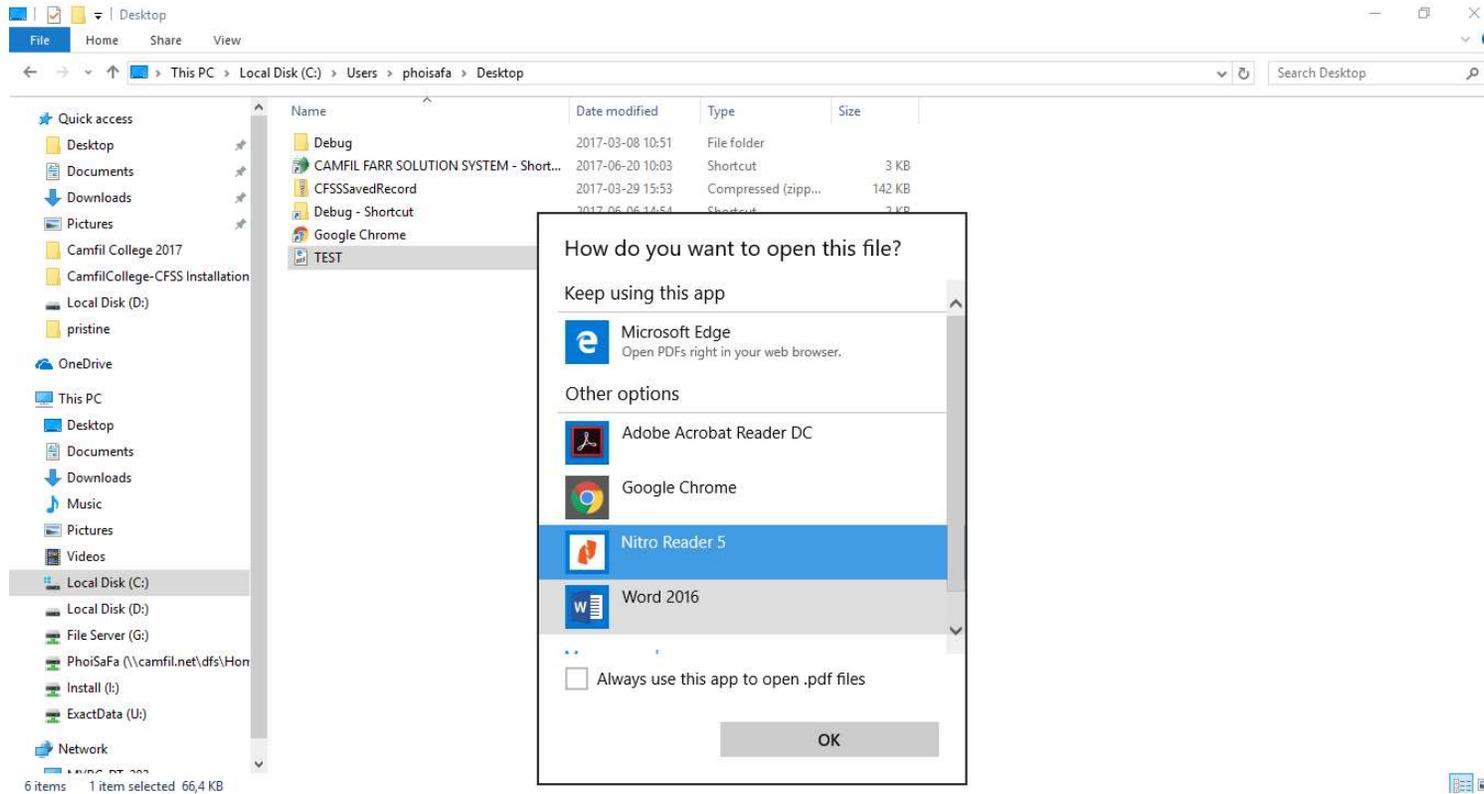
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Find a PDF file located at your PC, open the file as below



Camfil Solution System

V. Main Window

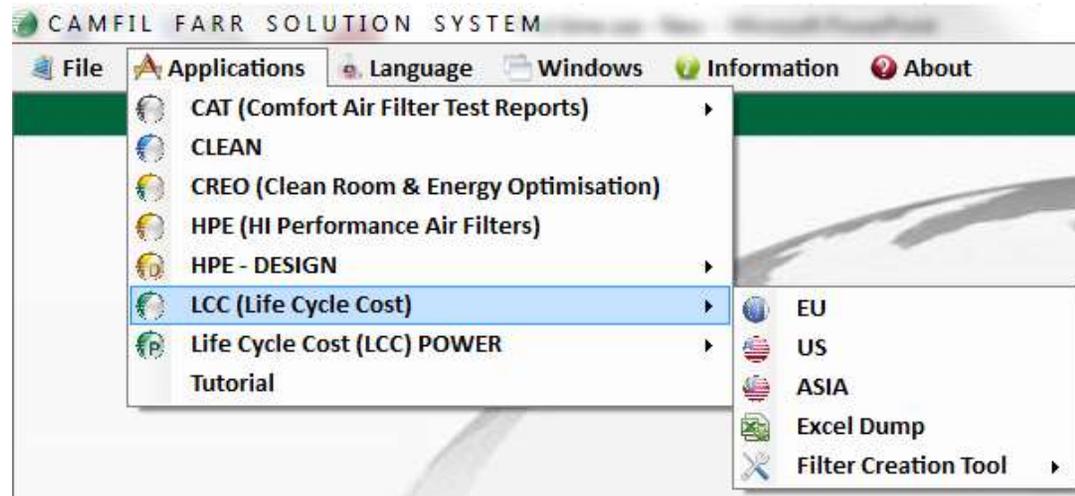
CFSS – Main Window – File



The **File** option is used for:

- 1) **Upload a company logo** that will be used in the printouts of your reports. You may also remove the current logo.
- 2) You may perform synchronization again by using the "**Synchronization**" function. You must be connected to the internet to do this. This function will allowed you to trigger synchronization without require select from start menu.
- 3) **Restore Personal Database** allowed you to restore your backup personal database from server into your local PC.
- 4) You can **Exit** the Camfil Solution System

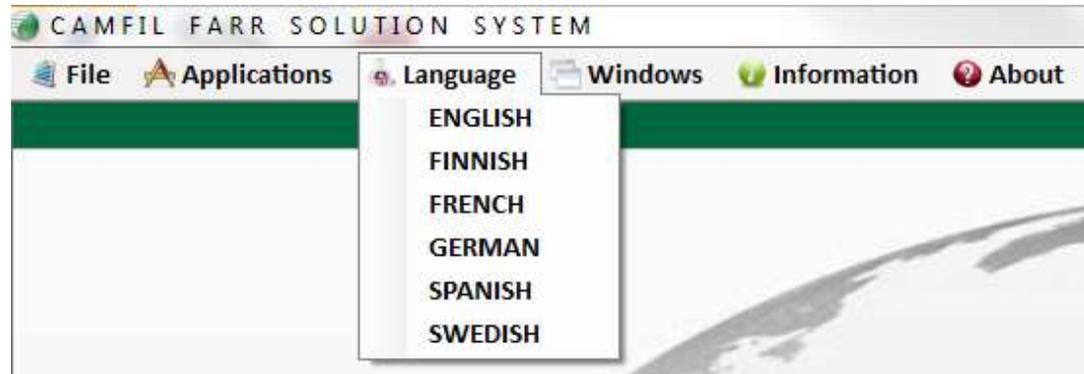
CFSS – Main Window – Applications



With the **Applications** option you can:

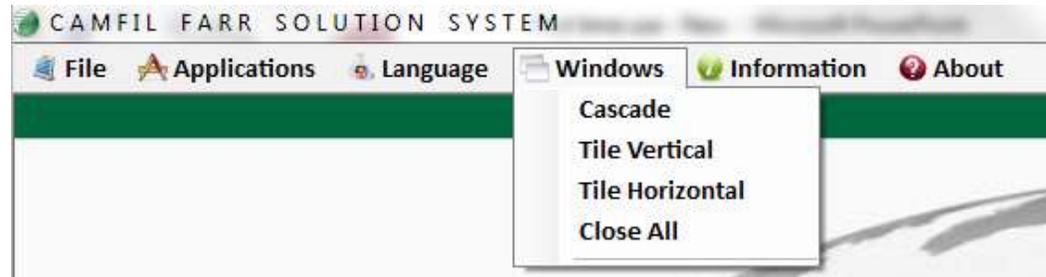
- **Select the application** you want to work with. Camfil has developed a number of different software applications. To learn more contact Camfil RnD – software support or consult this manual. To access more applications, please look in the :
 - ii. “Activate your Camfil Account”
 - iii. “1st time login & install CFSS”

CFSS – Main Window – Language



With the **Language** option you can **select the language** you prefer.

CFSS – Main Window – Windows



With the **Windows** option you can:

- 1) **Arrange the active windows on the screen.** This can be useful when several programs are running under the same session.

CFSS – Main Window – Information



With the **Information** option you can get **information** on the current software you have access to

CFSS – Main Window – About



With the **About** option you can get information about the Camfil Filtration Solution System version running on your computer

Camfil Solution System

Good Luck & Enjoy