



THE CAMFIL GROUP

1st Time use of CFSS
2018 December 11

CLEAN AIR SOLUTIONS



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- II. Activate your Camfil Account
- III. 1st time login & install CFSS
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Camfil Solution System

I. Introduction

Camfil Solution System - Introduction

The **Camfil Filtration Solution System (CFSS)** is a powerful platform to use for various calculations concerning Air filters and IAQ. Access to the platform and the software can be requested via the Internet/Intranet. Once the access rights have been approved You can login to the <https://cfss.camfil.net/cfss> to run the CFSS setup. When the CFSS has been successfully installed you can use the software you have been granted access to. The CFSS are designed to contain applications for:

- 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
- Consult Camfil RnD for more information regarding the software.



Depending on your access rights provided by the application owner of software you can access different software provided and powered by Camfil RnD

Camfil Solution System – Support

The Camfil Filtration Solution system (CFSS) is powered by Camfil RnD – Software group. To support you in any technical issues regarding the functionality of your software we have a support service which you can contact.

Technical Support

Regional technical support:

Europe - Christian Lindahl, Camfil AB, Sweden

US - Zied Driss, Camfil US, Riverdale

ASIA – Jia Wen Kan, Camfil Malaysia

Analysis Result Expert – Global

Ulf Johansson, Camfil AB

Analysis Result Expert – US

Don Thornburg, Camfil US, Riverdale

System Administrators:

Jia Wen Kan, Camfil Malaysia

Pinky Poh, Camfil Malaysia

Phoi San Fan, Camfil Malaysia

Owners of applications, Dec 2018

<i>LCC EU</i>	- Tobias Zimmer
<i>LCC US</i>	- Joe Gorman
<i>LCC ASIA</i>	- Jayant Kaushal
<i>LCC POWER</i>	- Joshua Kohn
<i>CAT</i>	- Tobias Zimmer
<i>CPE</i>	- Tobias Zimmer
<i>Comfort IAQ</i>	- Tobias Zimmer
<i>CREO</i>	- Lionel Savin
<i>HPE</i>	- Michael Feldtmann
<i>Clean</i>	- Michael Feldtmann
<i>MCCLD</i>	- Guillaume Gallet / Chris Ecob
<i>AMC</i>	- Guillaume Gallet
<i>CAir</i>	- Anders Olsson
<i>HPE-Design</i>	- Ulf Johansson

Camfil Solution System – Introduction

This is the start page of the Camfil Solution System.

On the top of the window You have five options to select:

File management, application selection, language control, window handling and information.

Depending on your access rights provided by the product manager and owner of software you can access different software provided and powered by Camfil RnD

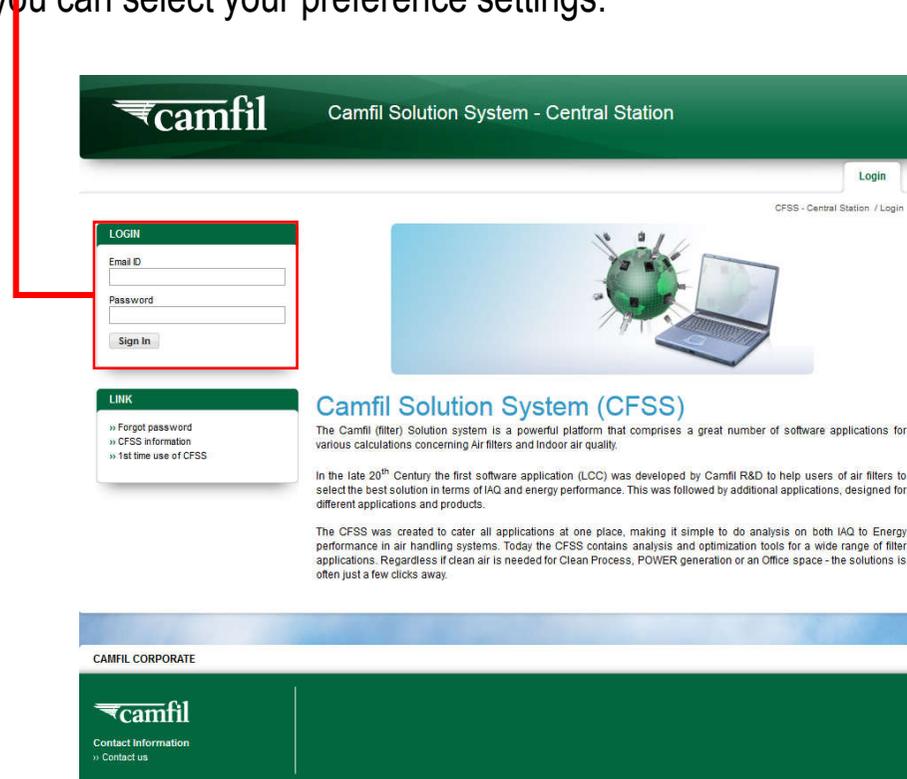


Camfil Solution System

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.



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'. A 'Login' button is visible in the top right corner. The main content area features a 'LOGIN' section with a red box around the 'Email ID' and 'Password' input fields and a 'Sign In' button. To the right of the login form is a graphic of a globe with a laptop. Below the login form is a 'LINK' section with three links: 'Forgot password', 'CFSS Information', and '1st time use of CFSS'. The page also includes a 'CAMFIL CORPORATE' section at the bottom with the Camfil logo and 'Contact Information' link.

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

Create Account

CFSS - Central Station / Create Account / Preference Settings

CREATE ACCOUNT

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

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
+605 366 8888 Ext-127

Fax No
+605 366 8880

Street
Plot 9A, Lorong Berman 1

City
Batu 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, Akemi Mok
Sign Out

Home

CFSS - Central Station / Home / Software

HOME

- » Home
- » Your Information
- » Software
- » 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
- » User Manual
 - » CFSS Information
 - » 1st Time Use of CFSS
 - » Life Cycle Cost (LCC)
 - » Clean Room & Energy Optimisation (CREO)

Software Application

CLEAN - ASIA (AS)
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.

Apply

CLEAN ROOM & ENERGY OPTIMISATION (CREO) - ASIA (AS)
The CREO (Clean Room and Energy Optimisation) application enable you to use the Camfil knowledge to create your own clean room application. This software can be used for calculating the Life Cycle Cost and cleanliness class for Clean process applications. Life time, energy consumption and the total operating cost of the filter installation is calculated. Various of Clean room configurations can be analysed ranging from ventilating to Laminar flow installations. A wide range of reports are available to serve the user, including Clean room classification, LCC reports, summary, as well as specifications of selected products. Additional information such as CO2 emissions and efficiency of the filter system is also provided.

Apply

CLEAN-AMC - ASIA (AS)
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.

Apply

COMFORT AIR TEST REPORTS (CAT) EU VERSION - ASIA (AS)
With the CAT you can get efficiency, classification data, pressure drop and construction information for the real operating airflow. This application is currently using the EN779 test data on many of Camfil comfort filters. This easy to use application is a very helpful tool to service users with basic filter performance information.

Apply

Activate your Account – Step 3

1. Wait for response from application owner
2. The response will be sent to your email
 - After you have completed Step 1 to 2, the system will email your request to application owner
 - Application owner has to approve your request
 - You will also receive an email from No-Reply@camfil.com to inform you that your activation has completed

Activate your Camfil Account – Step 4

1. Application owner approve the request
2. The answer – 2 emails – to your request will be sent to your email
 - a) Application request success
 - b) Account activated
3. Now you may start to log on to CFSS-Central Station and download the software

Camfil Solution System

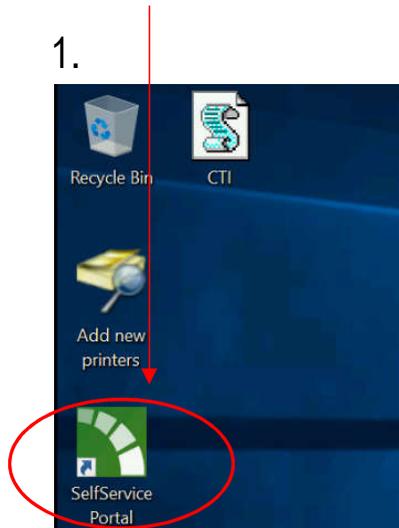
III. 1st time login & install CFSS

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

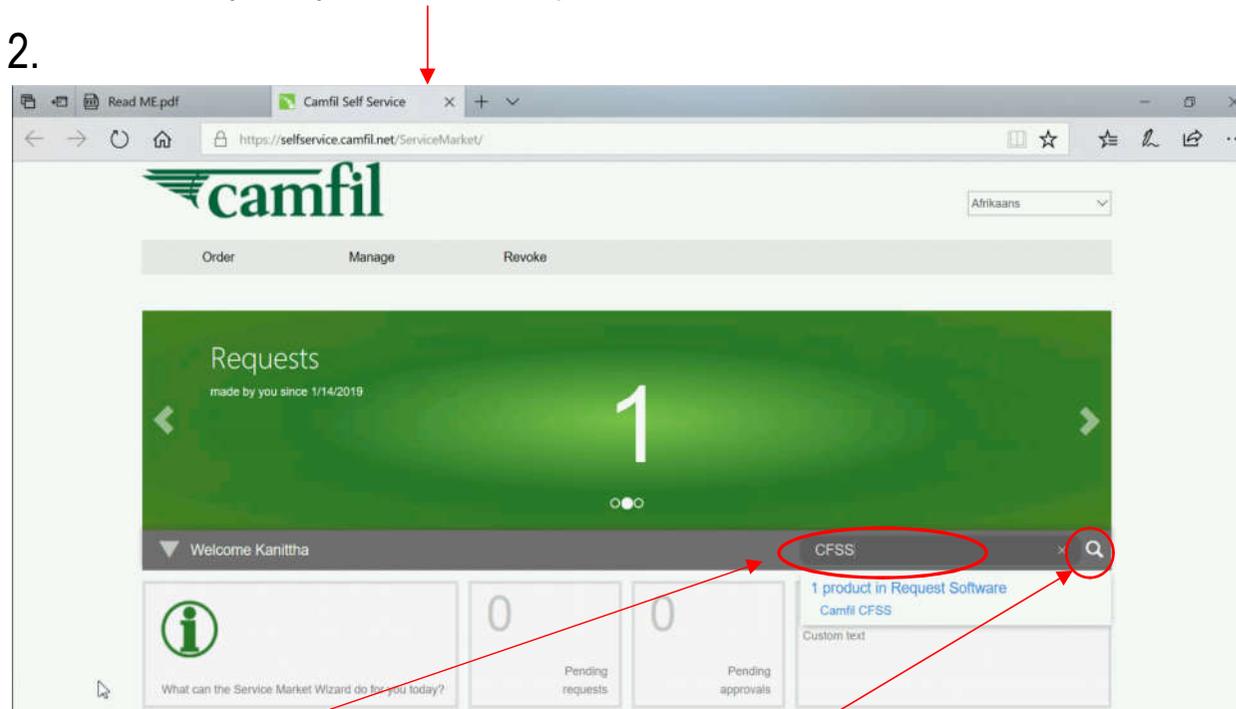
The below installation steps are **only for Lenovo computer users**, others than Lenovo computer users, you may skip to **page no. 21**

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

1.



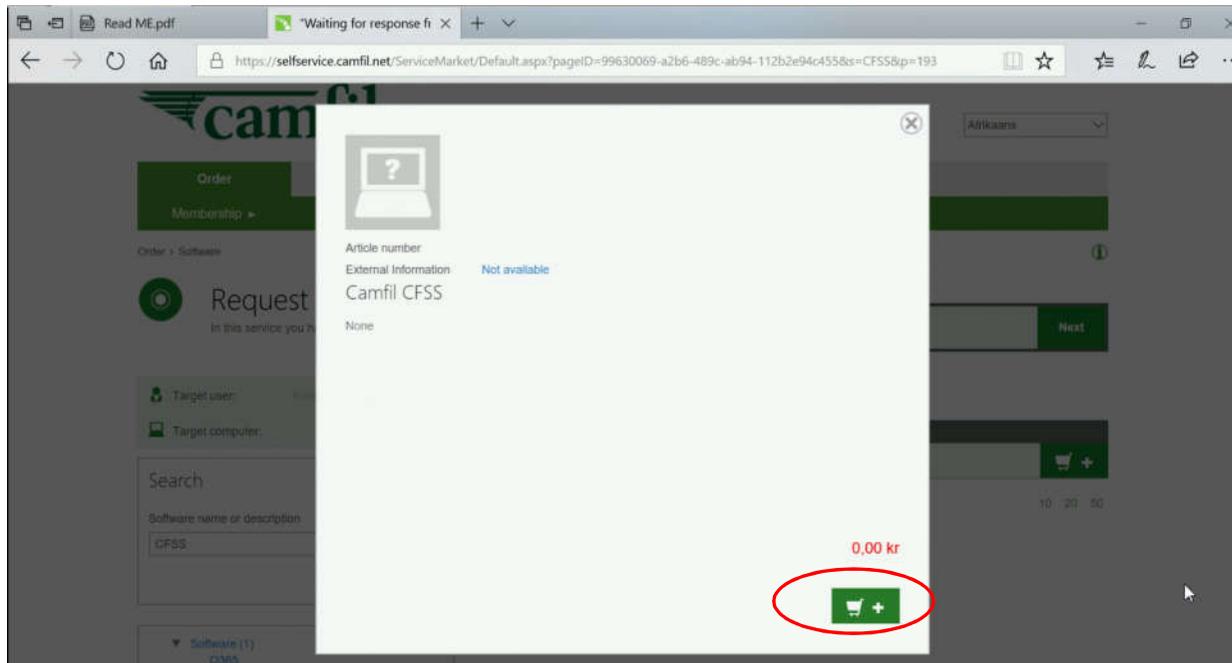
2.



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.*

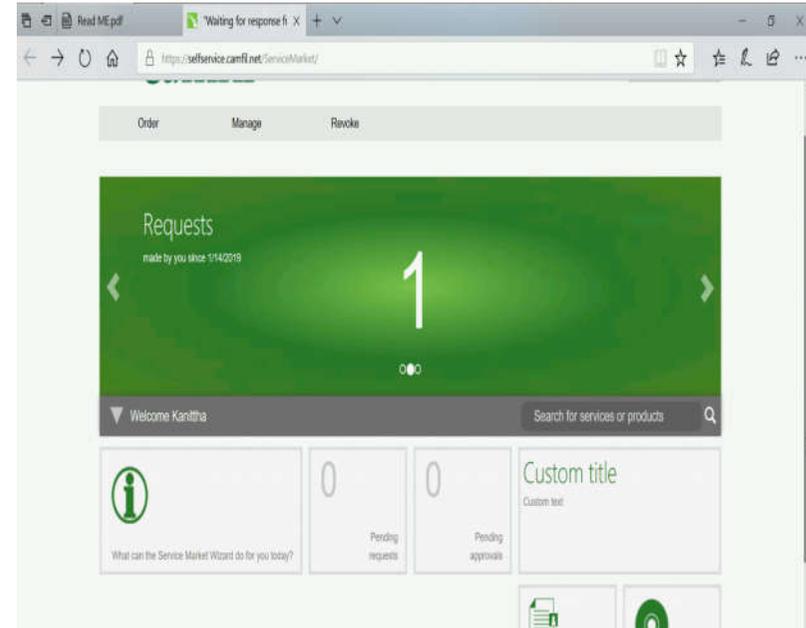
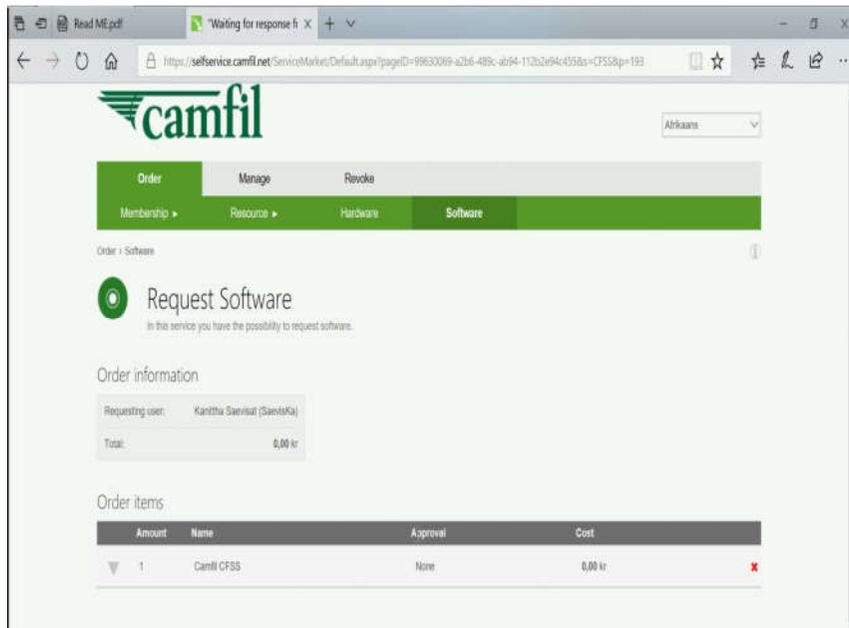
Alternate way to search for CFSS software in the portal → 1. Order > 2. Software > 3.type keyword **CFSS** and search > 4.Click **Add Cart** button

The screenshot shows the Camfil self-service portal interface. The navigation menu at the top includes 'Order', 'Manage', and 'Revoke'. The 'Order' menu is expanded, showing 'Membership', 'Resource', 'Hardware', and 'Software'. The 'Software' option is highlighted. Below the navigation, the 'Request Software' section is visible, with a 'Software Cart' showing '1 Product' and 'Total: 0 kr'. The search results section shows a table with one entry: 'Camfil CFSS' with an 'Article Number' and 'Price' of '0,00 kr'. The 'Add Cart' button (a green plus sign) is highlighted. The search input field contains the keyword 'CFSS' and the search button is also highlighted.

Product	Article Number	Price
Camfil CFSS		0,00 kr

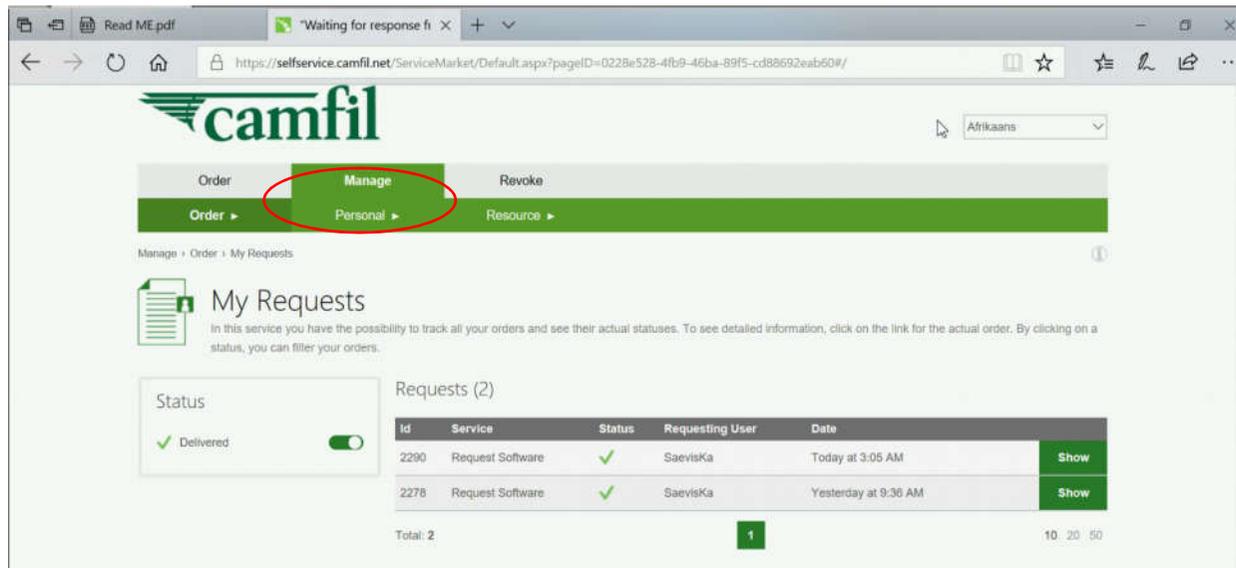
Lenovo User - 1st Time Login & Install CFSS – Step 4

Software requested successfully.



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

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



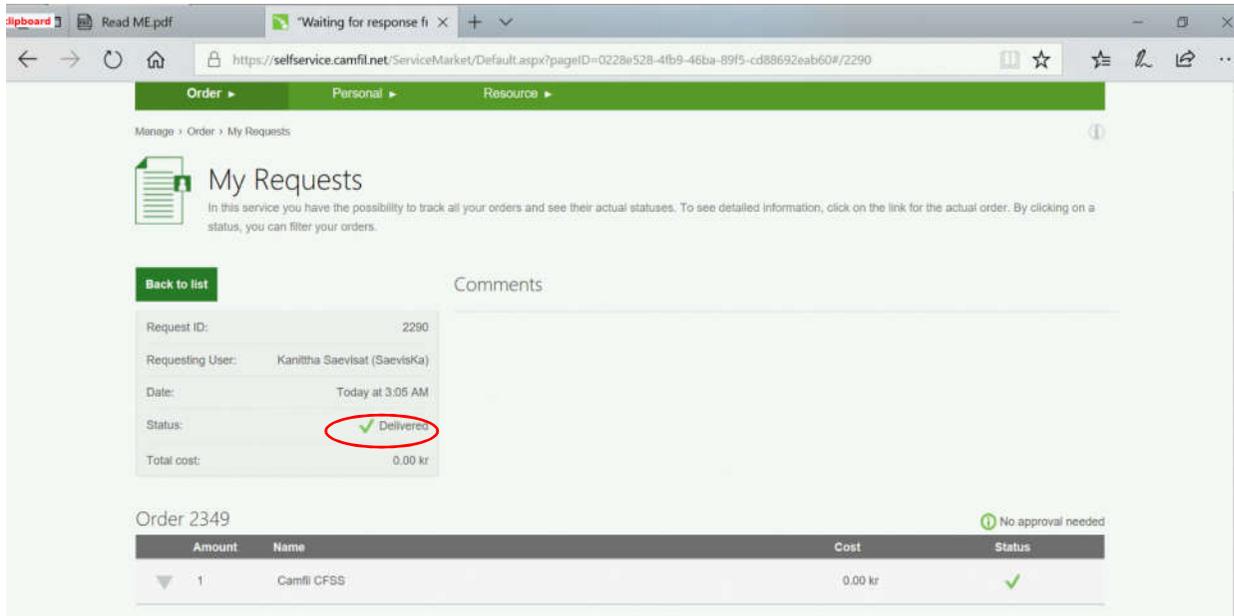
The screenshot shows the camfil selfservice portal. The 'Manage' menu item is circled in red, and the 'Personal' sub-menu is highlighted. Below the navigation bar, the 'My Requests' section is visible, showing a table of requests with columns for Id, Service, Status, Requesting User, and Date. The table contains two rows of data, both with a status of 'Delivered'.

Id	Service	Status	Requesting User	Date	
2290	Request Software	✓	SaevisKa	Today at 3:05 AM	Show
2278	Request Software	✓	SaevisKa	Yesterday at 9:30 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 displays 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 includes a "Back to list" button. The request details are as follows:

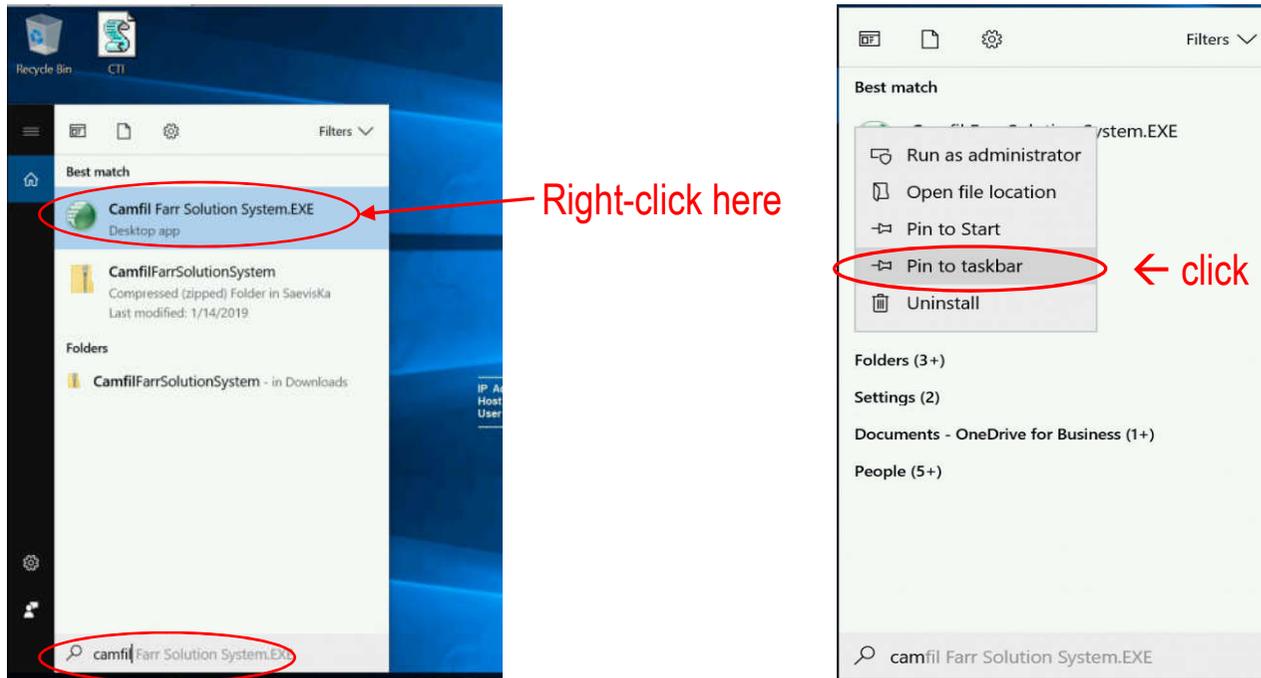
Request ID:	2290
Requesting User:	Kanitha Saevisat (SaevisKa)
Date:	Today at 3:05 AM
Status:	✓ Delivered
Total cost:	0.00 kr

Below the details, there is a section for "Order 2349" with a note "No approval needed". A table lists the order items:

Amount	Name	Cost	Status
1	Camfil CFSS	0.00 kr	✓

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

camfil Camfil Solution System - Central Station

Login

CFSS - Central Station / Login

LOGIN

Email ID

Password

Sign In

LINK

- ⇒ Forget 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.

CAMIL CORPORATE

camfil

Contact Information
⇒ Contact us

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](#)”

The image displays two screenshots of the Camfil Solution System - Central Station web interface. The left screenshot shows the 'HOME' page with a red box around 'Download Setup File' in the left sidebar. The right screenshot shows the 'Download' page for 'Camfil Solution System 5.0 (6.3 MB)' with a red box around the 'Download now' button. Red lines connect the 'Download Setup File' link in the left sidebar to the 'Download now' button in the right screenshot.

Left Screenshot (HOME page):

- Header: camfil Camfil Solution System - Central Station. Welcome, Akemi Mok. Sign Out.
- Navigation: Home
- HOME sidebar menu:
 - Home
 - Your Information
 - Software
 - 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
 - User Manual
 - CFSS Information
 - 1st Time Use of CFSS
 - Life Cycle Cost (LCC)
 - Clean Room & Energy Optimization (CREO)

- Main Content: Home. Last Update: 2013-sep-11 06:17:25. Tiles: Your Information, Download Setup File, Your Computer, Announcement.
- Footer: CAMFIL CORPORATE, YOU MIGHT BE INTERESTED IN, VIEW FULL SITE MAP.

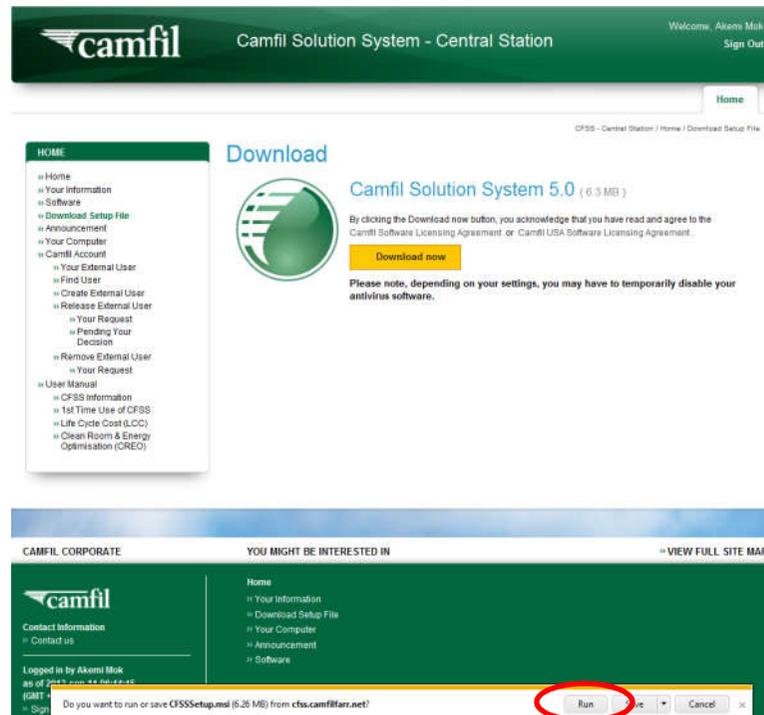
Right Screenshot (Download page):

- Header: camfil Camfil Solution System - Central Station. Welcome, Akemi Mok. Sign Out.
- Navigation: Home
- HOME sidebar menu:
 - Home
 - Your Information
 - Software
 - Download Setup File
 - 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
 - User Manual
 - CFSS Information
 - 1st Time Use of CFSS
 - Life Cycle Cost (LCC)
 - Clean Room & Energy Optimization (CREO)

- Main Content: Download. Camfil Solution System 5.0 (6.3 MB). By clicking the Download now button, you acknowledge that you have read and agree to the Camfil Software Licensing Agreement or Camfil USA Software Licensing Agreement. Download now button. Please note, depending on your settings, you may have to temporarily disable your antivirus software.
- Footer: CAMFIL CORPORATE, YOU MIGHT BE INTERESTED IN, VIEW FULL SITE MAP.

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

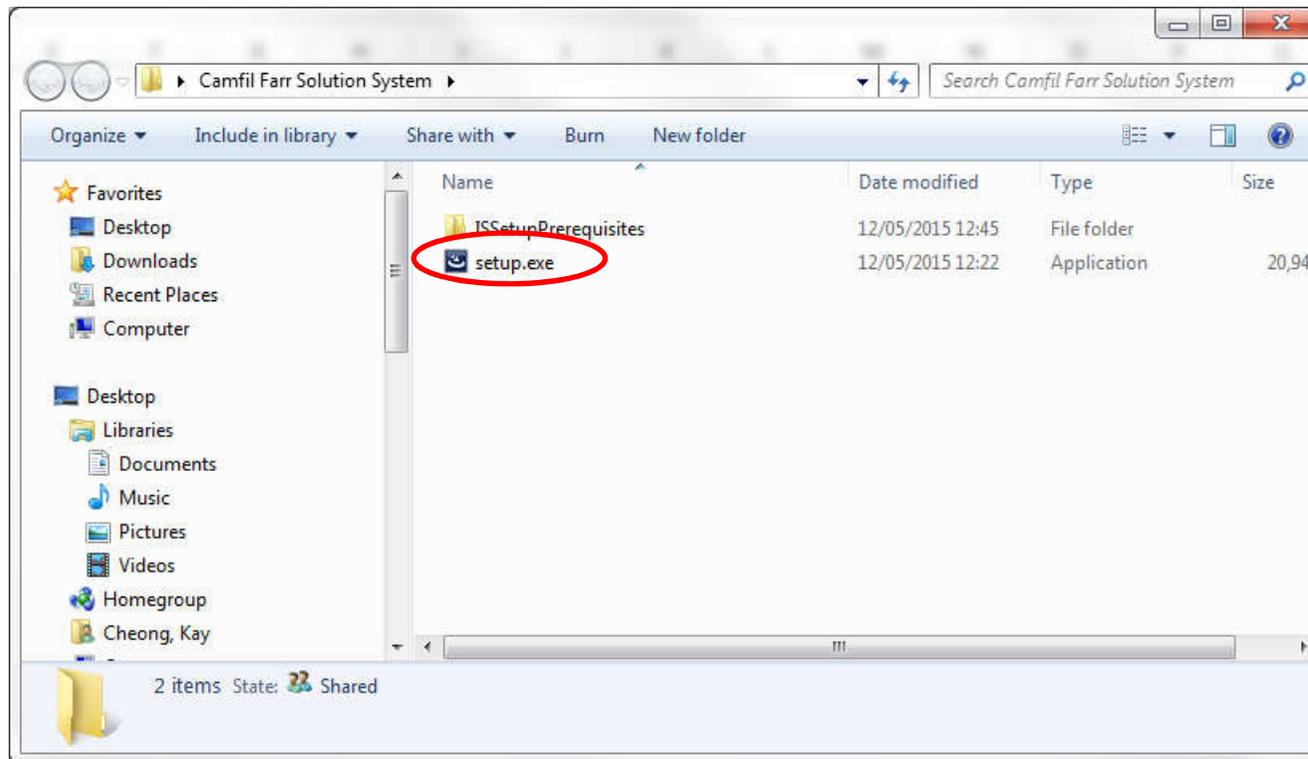
1. After you have clicked on the “**Download now**”, a dialog box should appear
2. Click “**Save**”
3. System will automatically save the CamfilFarrSolutionSystem file



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 greeting "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 "Download now" button is highlighted in yellow. Below the button, a note states: "Please note, depending on your settings, you may have to temporarily disable your antivirus software." A "HOME" sidebar menu is on the left. At the bottom, a dialog box is open with the text "Do you want to run or save CFSSSetup.msi (6.25 MB) from chs.camfilfarr.net?". The "Run" button in the dialog box is circled in red.

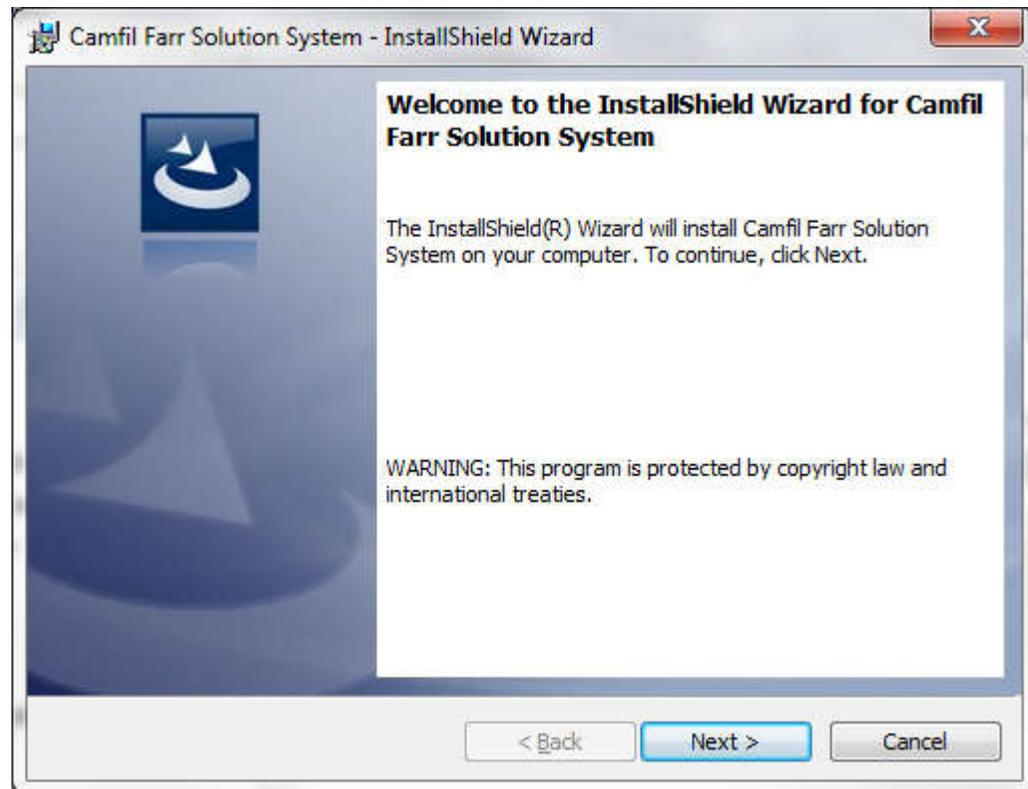
NOT For Lenovo Computer User: 1st time login & install CFSS – Step 4

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



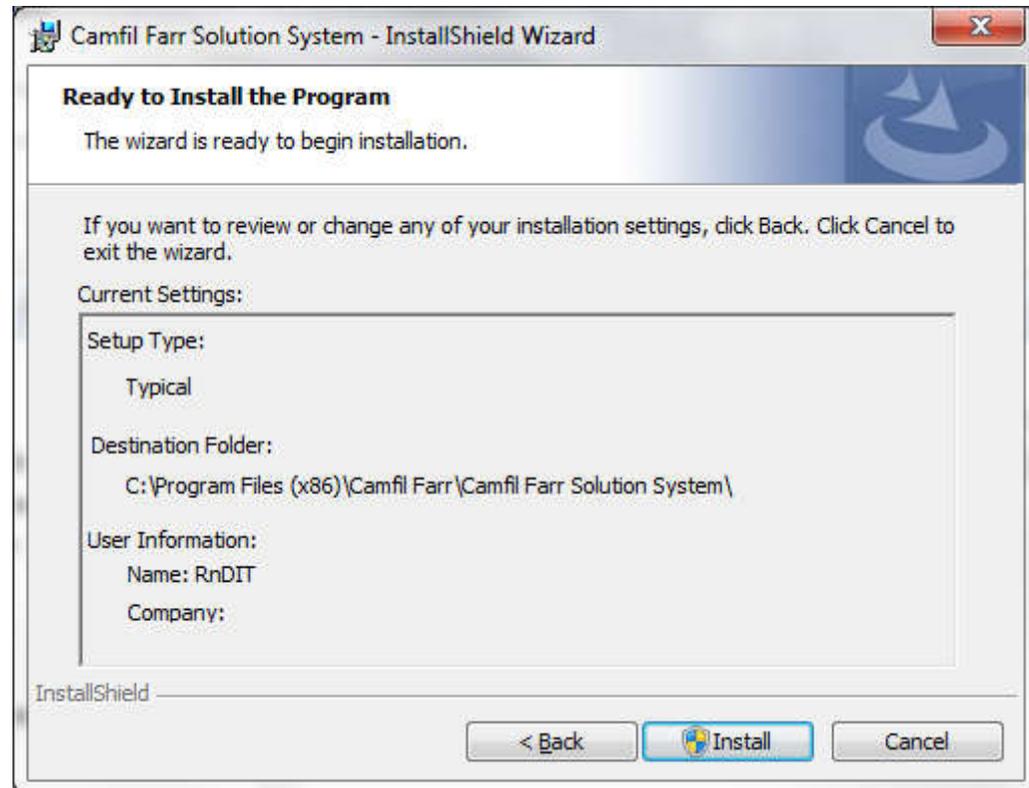
NOT For Lenovo Computer User: 1st time login & install CFSS – Step 6

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



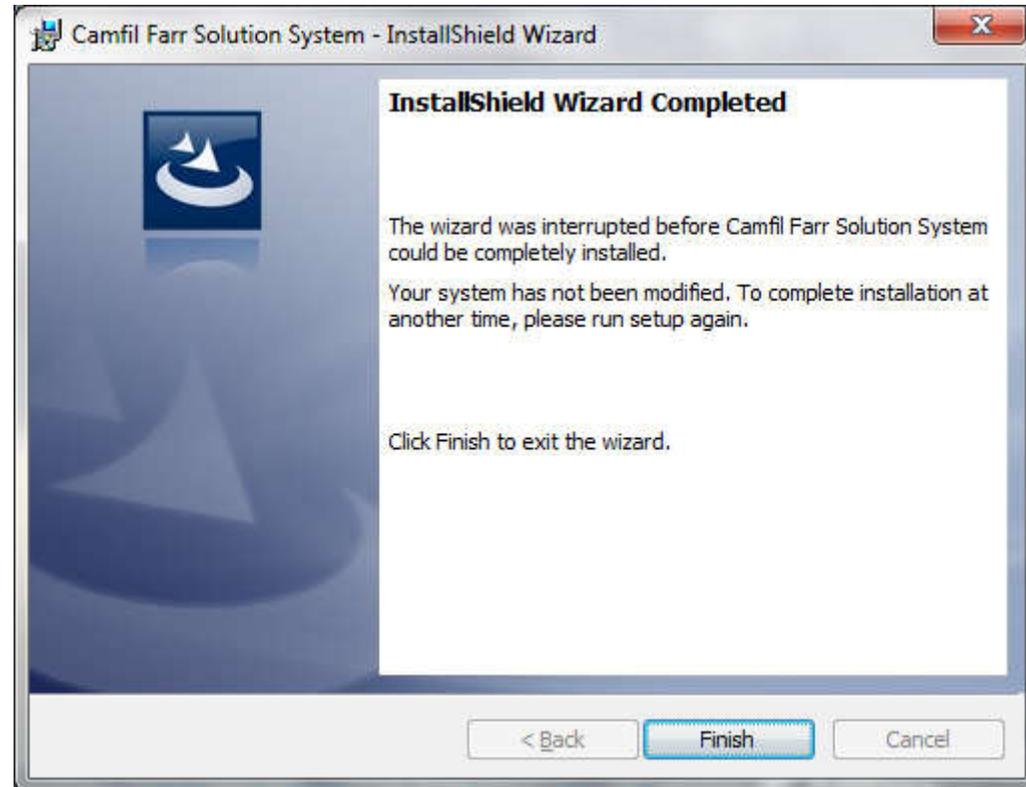
NOT For Lenovo Computer User: 1st time login & install CFSS – Step 7

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



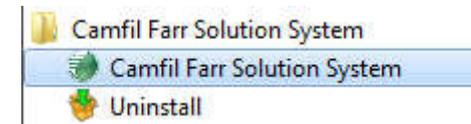
If encounter issue during installation process, you get support from local IT Support.

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



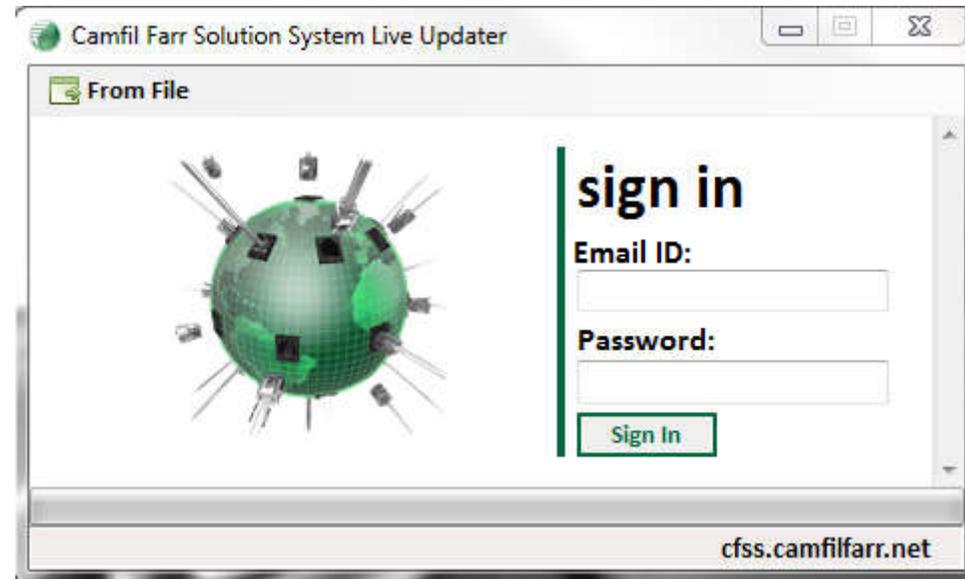
1st time run CFSS at your PC – Step 2

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



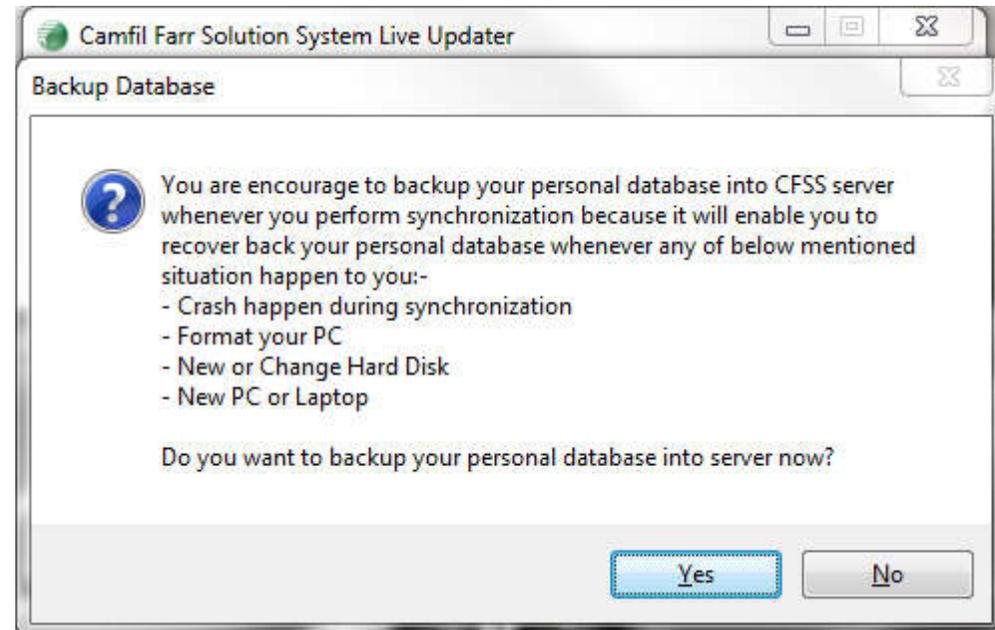
1st time run CFSS at your PC – Step 3

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



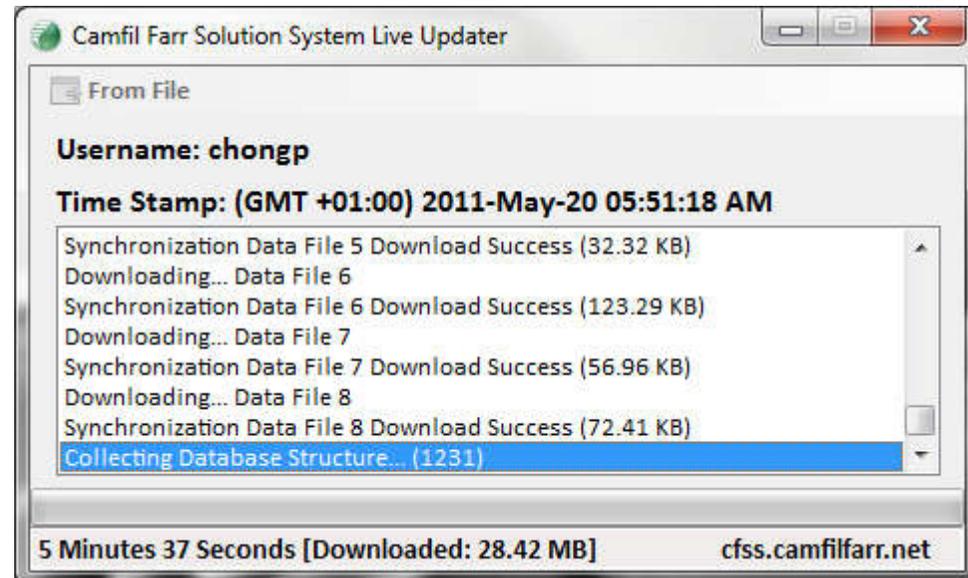
1st time run CFSS at your PC – Step 4

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



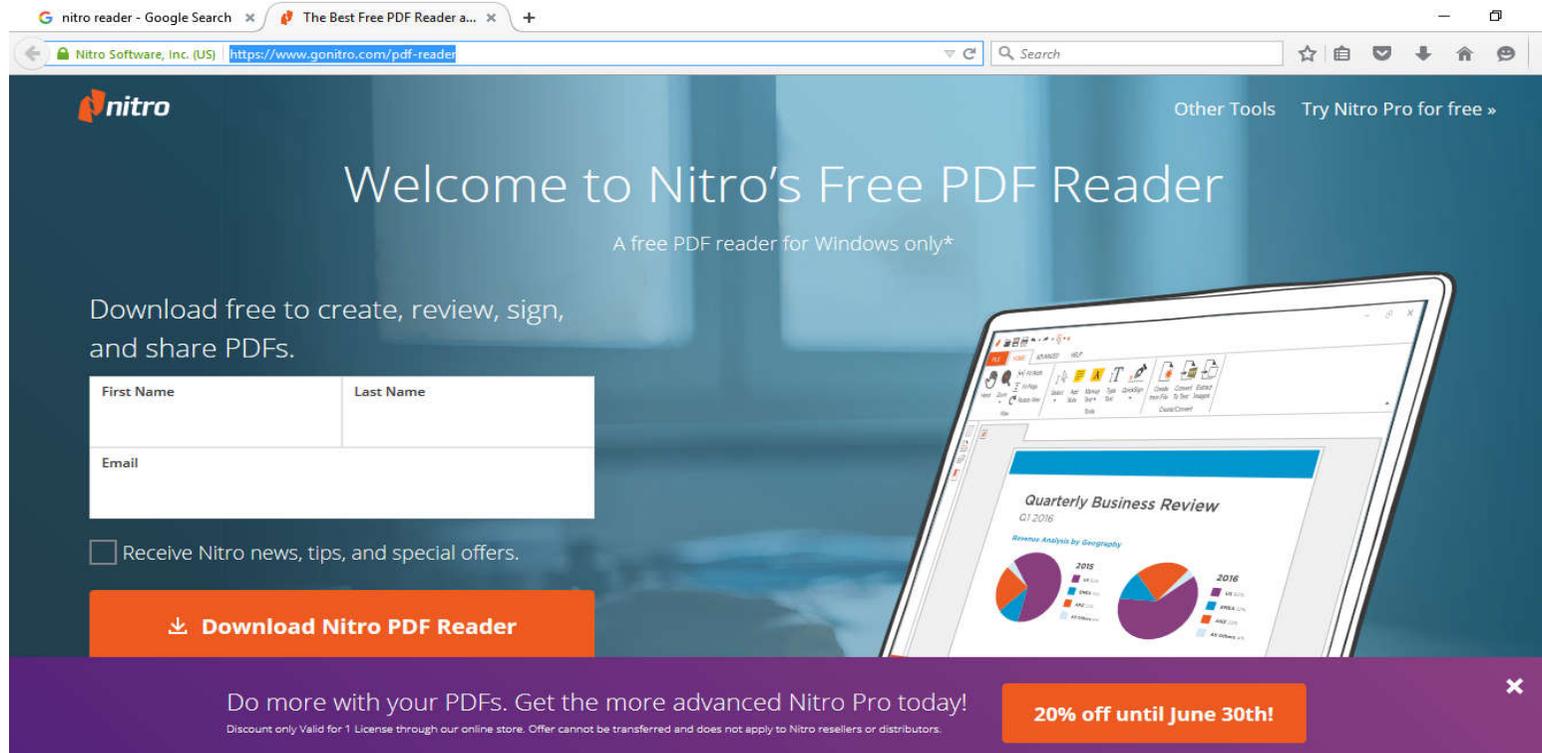
1st time run CFSS at your PC – Step 6

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



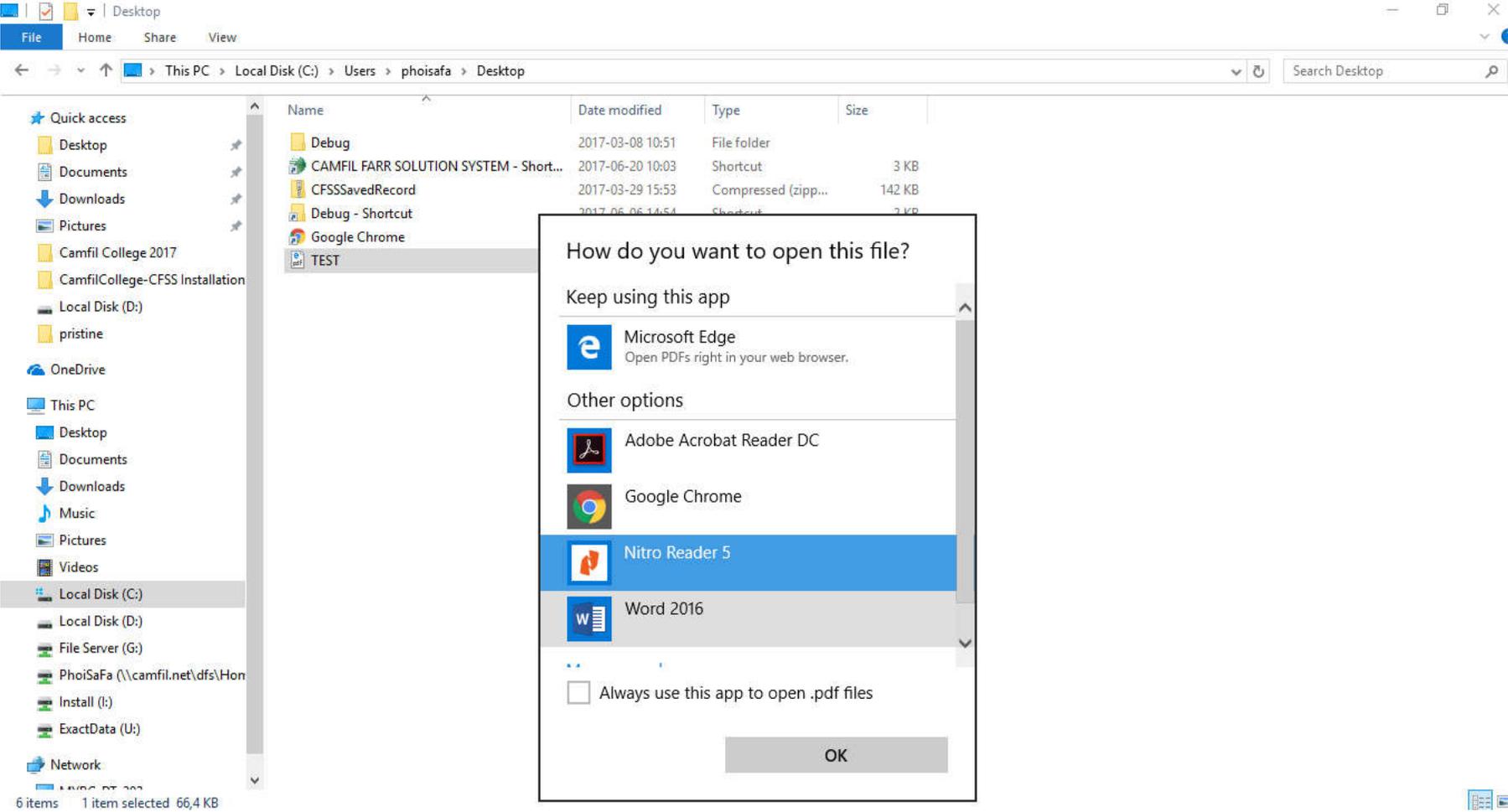
The application generate results in PDF format, therefore PDF reader is required to be installed. If you have problem to view the results with your PDF software, kindly install the Nitro reader (FREE) and make it as the default software to open the PDF file.

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



The screenshot shows a web browser window with the URL <https://www.gonitro.com/pdf-reader>. The page features the Nitro logo in the top left corner and navigation links for "Other Tools" and "Try Nitro Pro for free" in the top right. The main heading reads "Welcome to Nitro's Free PDF Reader" with the subtext "A free PDF reader for Windows only*". Below this, there is a call to action: "Download free to create, review, sign, and share PDFs." A form with input fields for "First Name", "Last Name", and "Email" is present, along with a checkbox for "Receive Nitro news, tips, and special offers." A prominent orange button labeled "Download Nitro PDF Reader" is at the bottom left. On the right, a tablet displays a "Quarterly Business Review" document with two pie charts comparing 2015 and 2016 data. At the bottom, a purple banner promotes "20% off until June 30th!" for Nitro Pro.

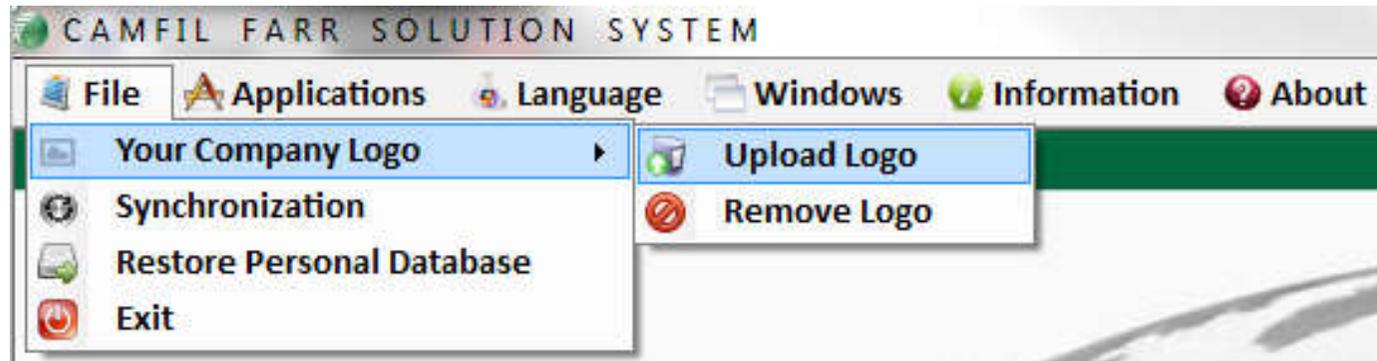
Find a PDF file located at your PC, open the file as below



Camfil Solution System

V. Main Window

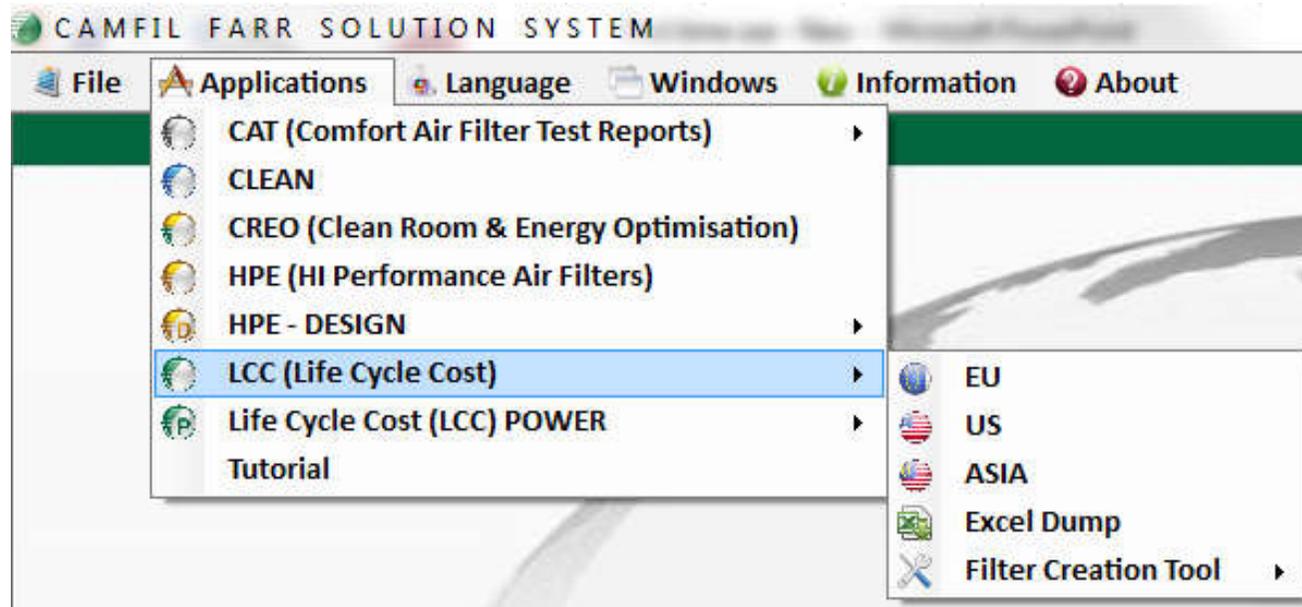
CFSS – Main Window – File



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

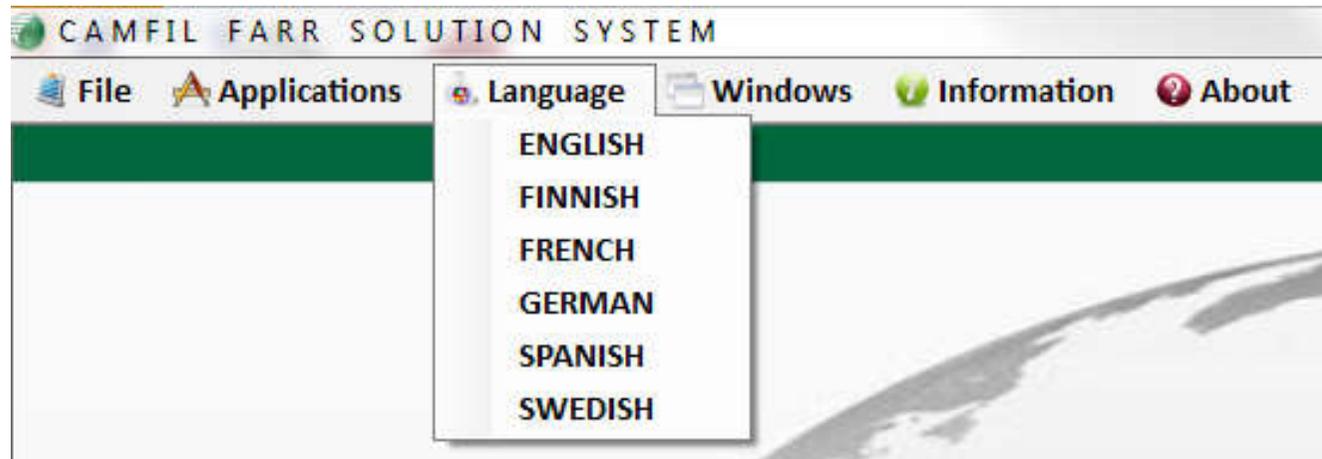
CFSS – Main Window – Applications



With the **Applications** option you can:

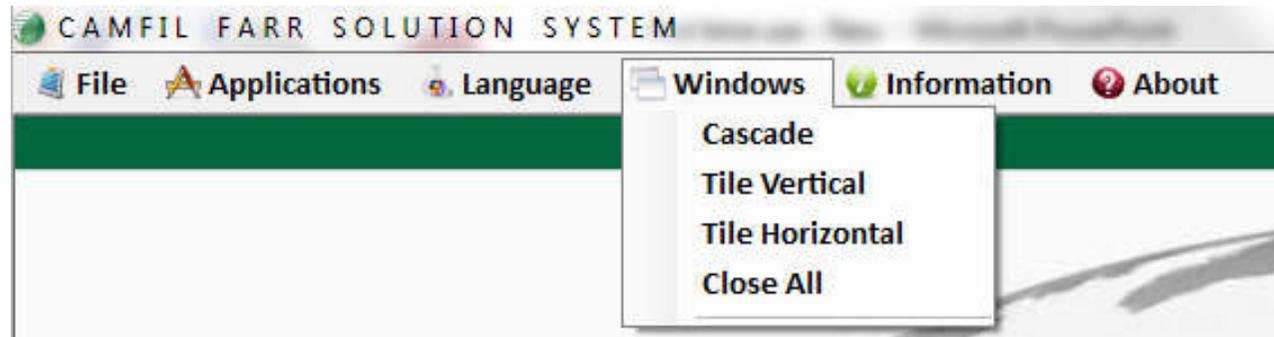
- **Select the application** you want to work with. Camfil has developed a number of different software applications. To learn more contact Camfil RnD – software support or consult this manual. To access more applications, please look in the :
 - ii. “Activate your Camfil Account”
 - iii. “1st time login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

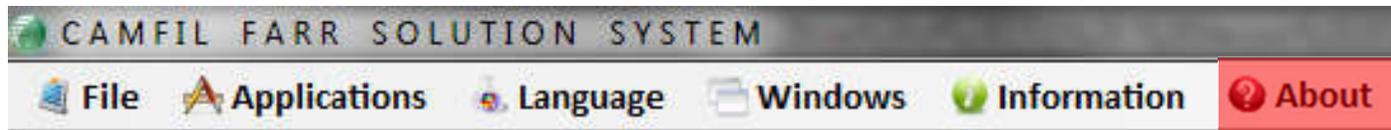
- 1) **Arrange the active windows on the screen.** This can be useful when several programs are running under the same session.

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