



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)

The screenshot shows the Camfil Solution System - Central Station website. At the top, there is a green header with the Camfil logo and the text "Camfil Solution System - Central Station". Below the header, there is a "Login" button. The main content area is divided into two columns. The left column contains a "LOGIN" form with fields for "Email ID" and "Password", and a "Sign In" button. Below the login form is a "LINK" section with a list of links: "Forgot password", "User Manual", "1st time use of CFSS", "Reset Password", "Applications", and "Camfil IAQ". The right column features a banner image of a globe and a laptop, followed by the heading "Camfil Solution System (CFSS)". Below the heading, there is a paragraph of text describing the system as a powerful platform for various calculations concerning air filters and indoor air quality. Another paragraph mentions the development of the first software application (LCC) in the late 20th century. A final paragraph states that 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. At the bottom of the page, there are two footnotes: "** If you have forgotten or lost your password, please click here to initiate password reset procedure." and "** If this is your 1st time using CFSS-Central Station, please click here to download user guide."

Camfil Solution System

I. Introduction

Camfil Solution System - Introduction

The **Camfil Filtration Solution System (CFSS)** is a platform used 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 your 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




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.



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 Optimization (CREO) - Online
 - » Online Application
- » 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.



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

The screenshot displays the 'CREATE ACCOUNT' page in the Camfil Solution System - Central Station. The page is divided into a sidebar and a main content area. The sidebar contains user information such as Email ID, First Name, Last Name, and Company. The main content area features a form titled '1. Preference Settings' with four dropdown menus for selecting country, language, currency, and calculation unit. An 'Update & Continue' button is located at the bottom of the form. A red box highlights the form, and a red arrow points from the top box to a larger, zoomed-in version of the form below.

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

The screenshot displays the Camfil Solution System - Central Station interface. At the top, there is a green header with the Camfil logo on the left, the text "Camfil Solution System - Central Station" in the center, and "Welcome, Juan Palomino" and "Sign Out" on the right. Below the header, there are navigation tabs for "Home" and "Applications", with "Applications" being the active tab. A breadcrumb trail shows "CFSS - Central Station / Home / Software".

The main content area is titled "Software Application" and lists three applications:

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

On the left side of the interface, there is a "HOME" sidebar menu with the following items:

- 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

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. Look for the icon “Self Service Portal” on your desktop. Double click on it to request for CFSS Software.



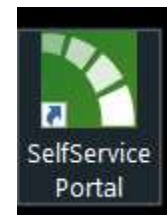
CAIR

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
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



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

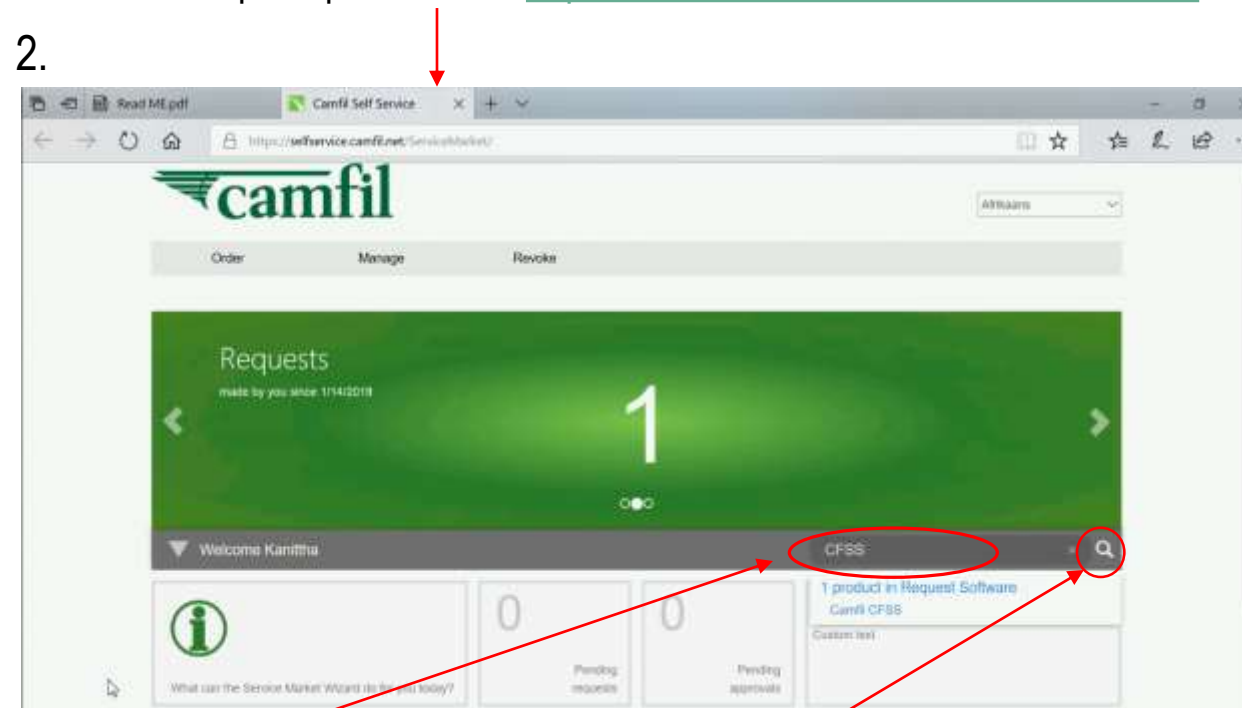
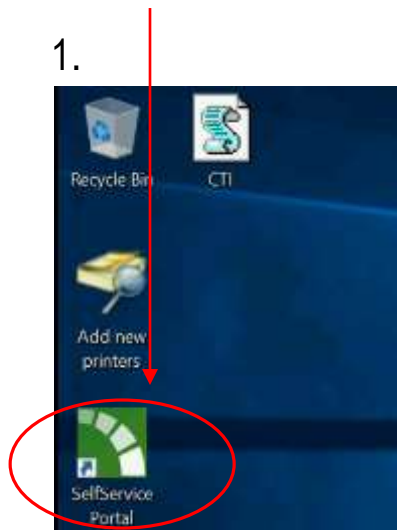


III. 1st time login & install CFSS

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

The below installation steps are **only for Lenovo computer users**

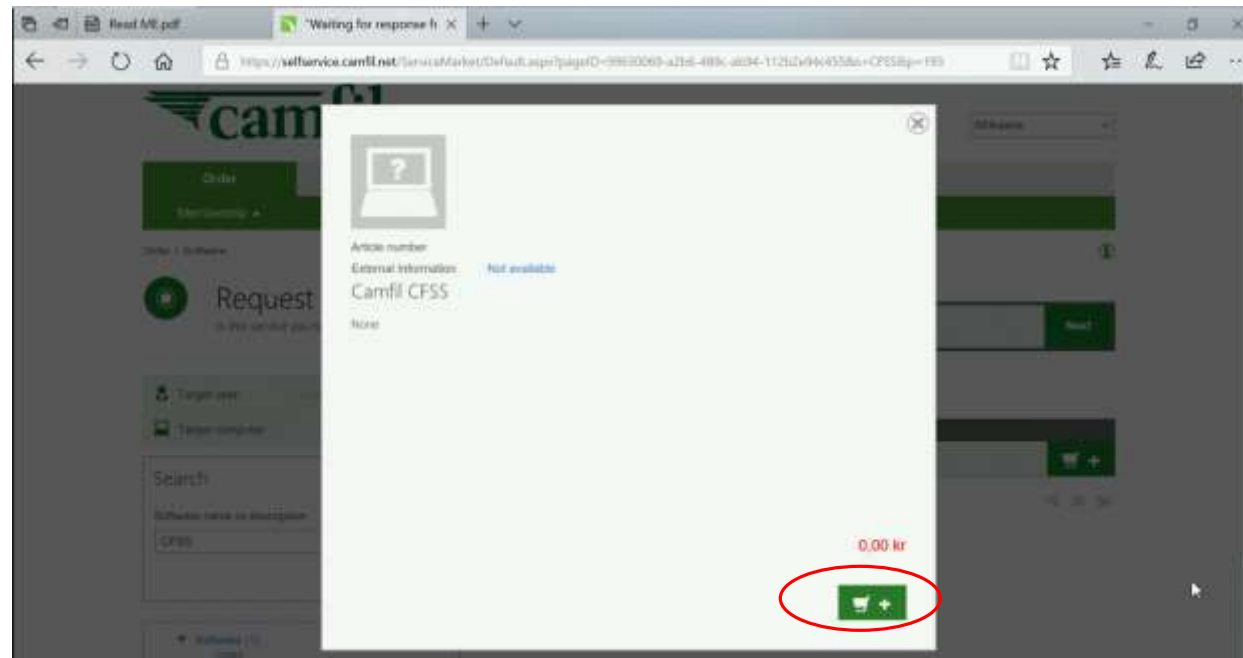
Double-click **SelfService Portal** icon at desktop to open browser <https://selfservice.camfil.net/ServiceMarket/>



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

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

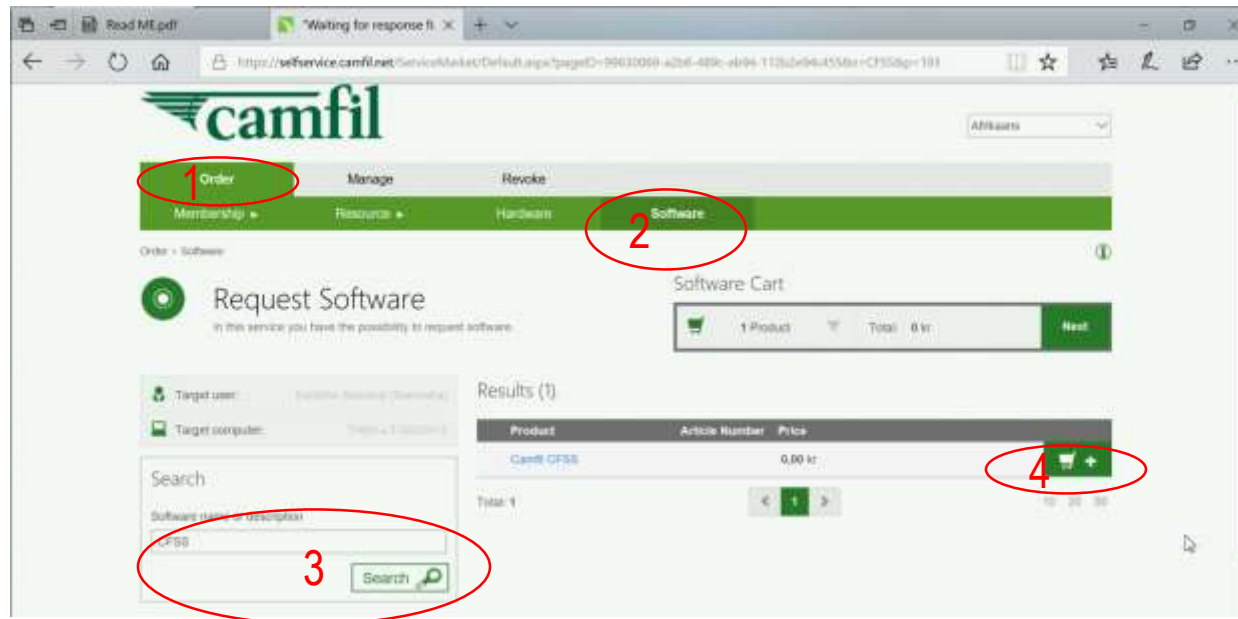
4. Click **Add Cart** button



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

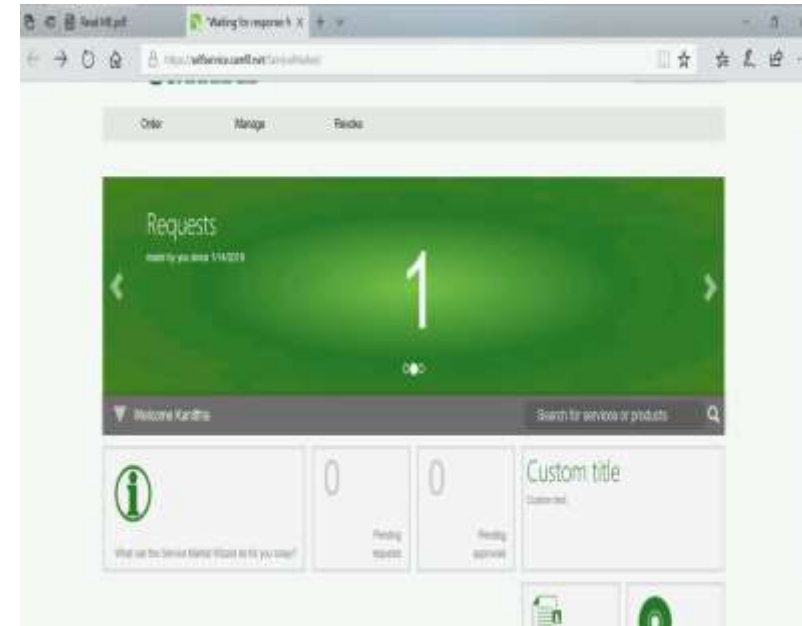
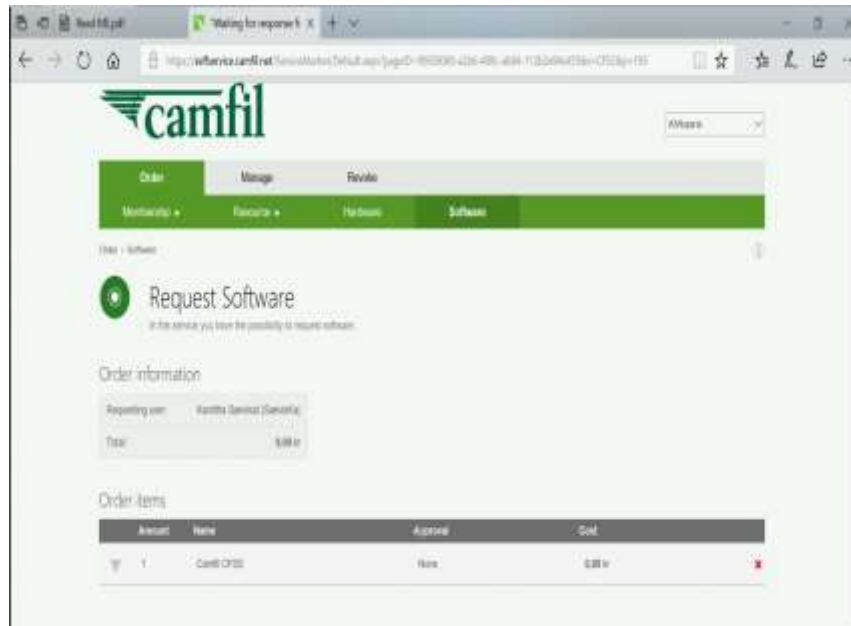
- *User may ignore the below steps if had done steps 1-4 at page no.14 & 15.*

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



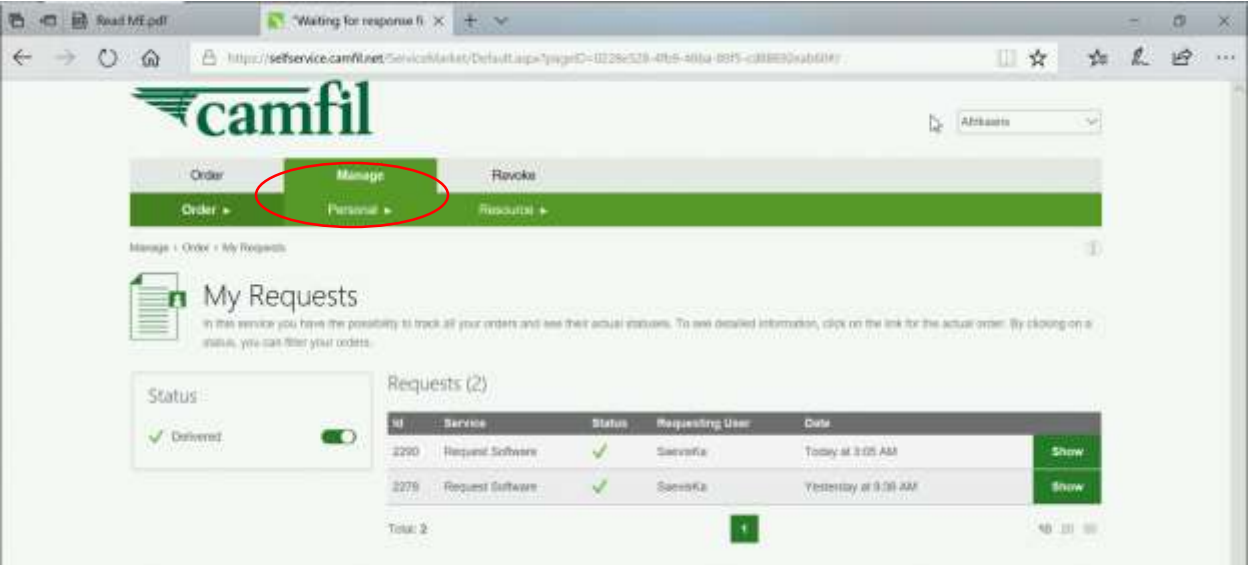
Lenovo User - 1st Time Login & Install CFSS – Step 4

Software requested successfully.



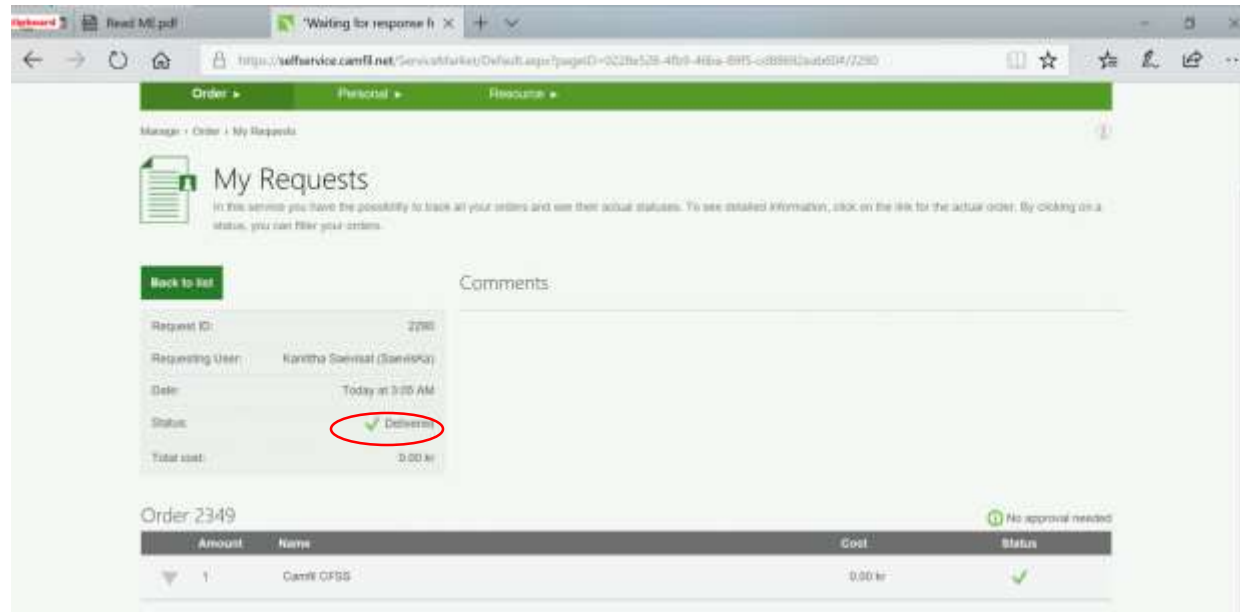
Lenovo User - 1st Time Login & Install CFSS – Step 5

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



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 the 'My Requests' page in the Camfil service portal. The page shows a request with the following details:

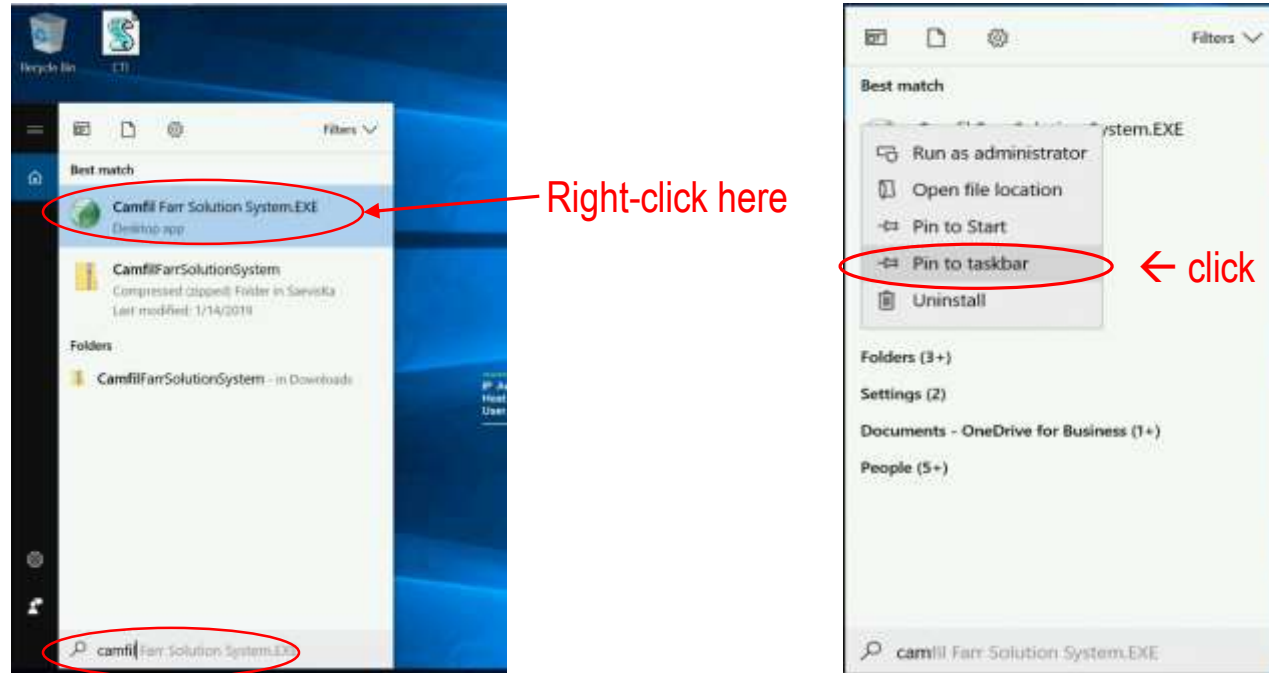
- Request ID: 2286
- Requesting User: Kancha Srinivas (Banipaka)
- Date: Today at 3:00 AM
- Status: **Delivered** (circled in red)
- Total cost: 0.00 hr

Below the details, there is a table for 'Order 2349' with the following data:

Amount	Name	Cost	Status
1	Camfil CFSS	0.00 hr	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.



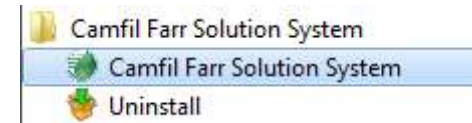
If encounter issue during installation process, you get support from local IT Support.

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



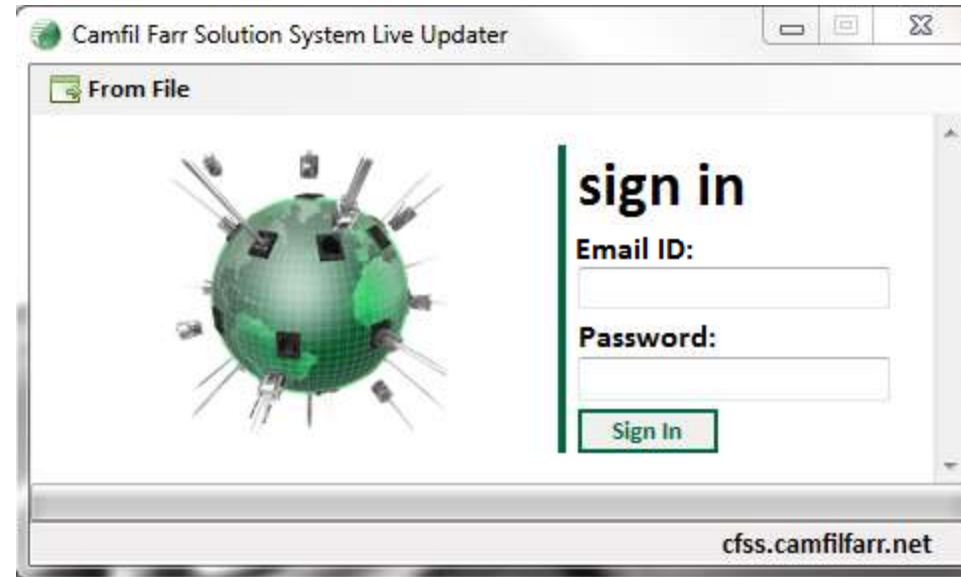
1st time run CFSS at your PC – Step 2

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

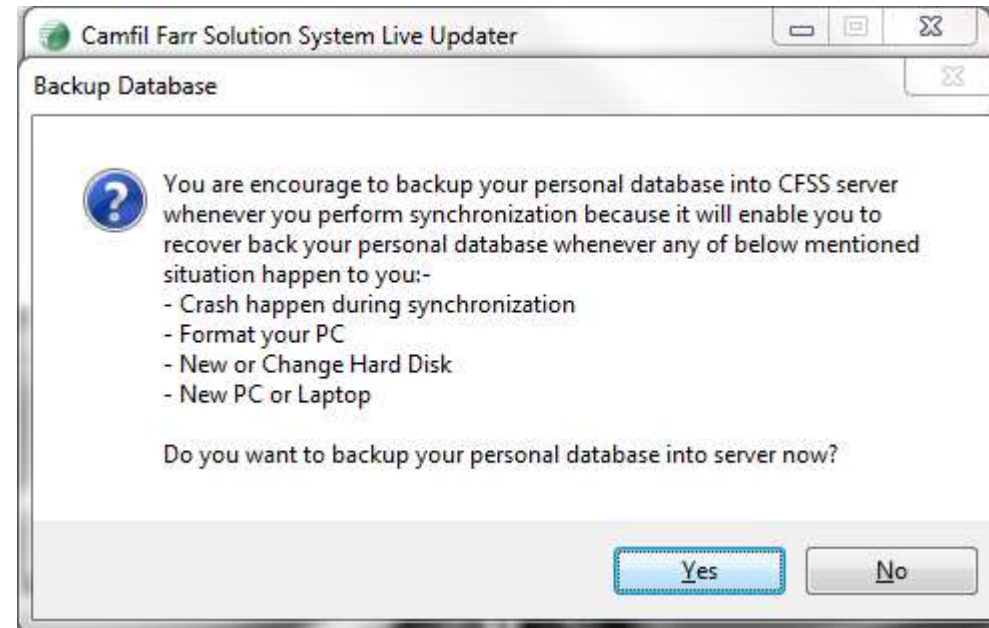
1. Key in Your **Email ID and Password**
2. Click on the **“Sign In”** button



1st time run CFSS at your PC – Step 4

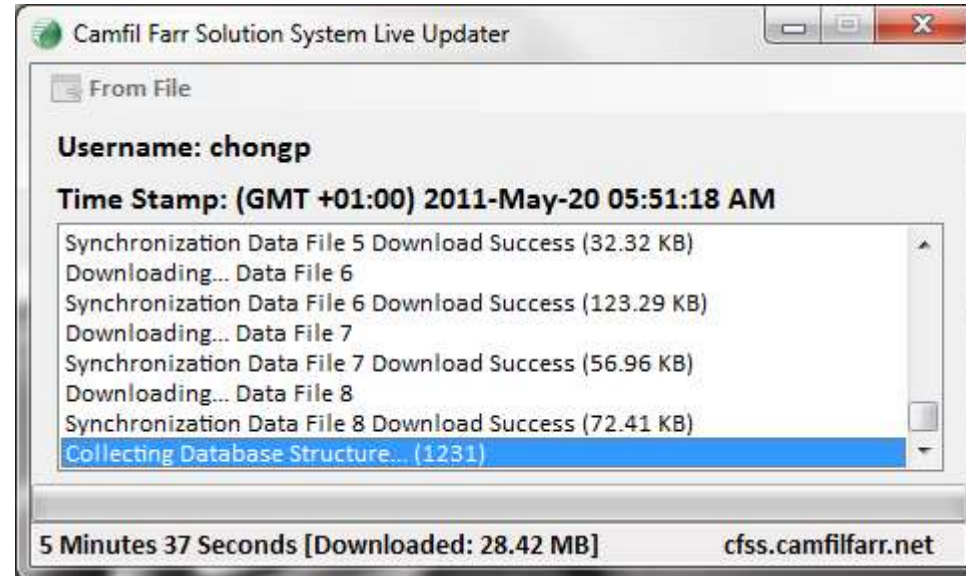
1. After successfully downloaded all the required files from server then system will prompt to ask whether you want to perform personal database backup. It is advisable to always backup your personal database so that you can always retrieve your personal database from server whenever you face:

- 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



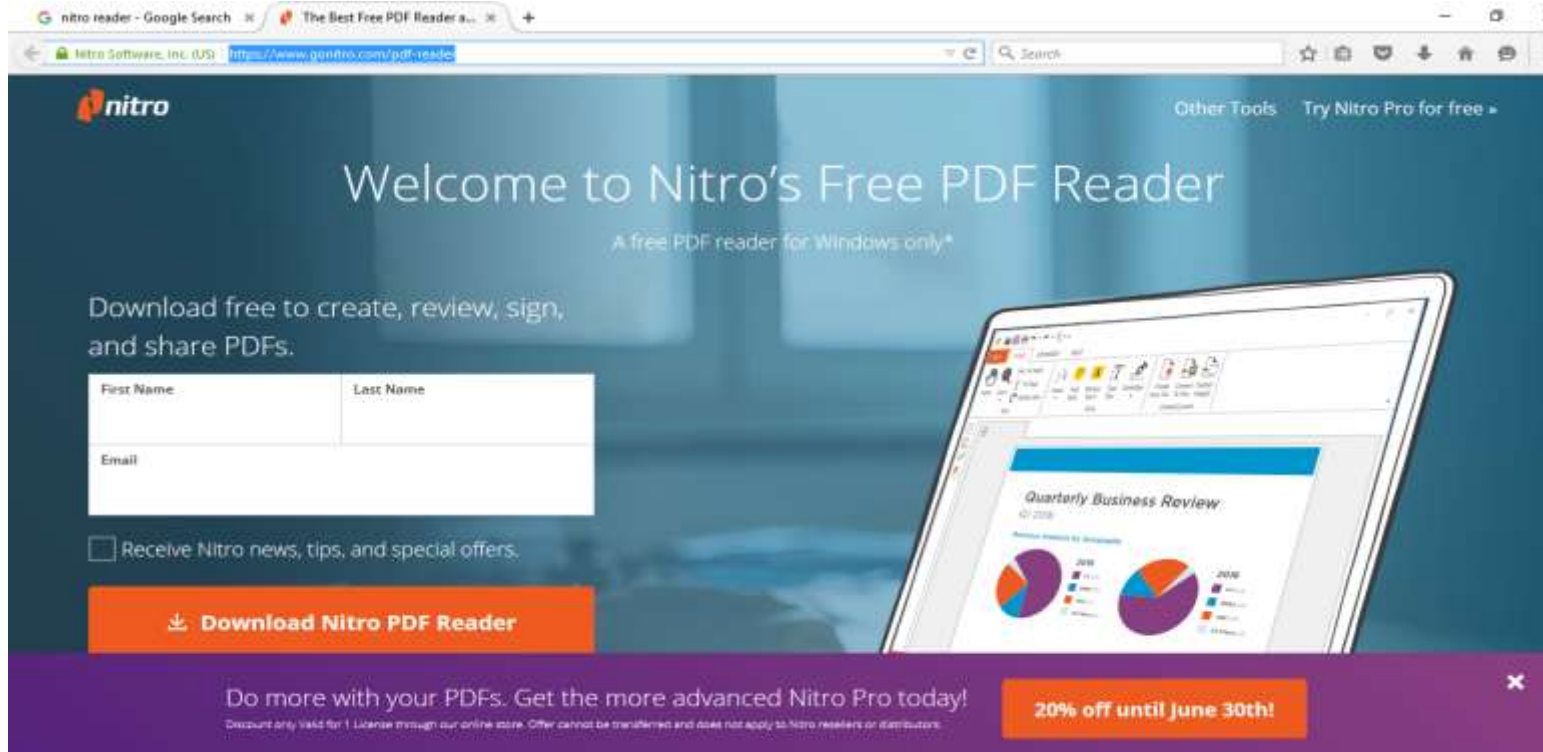
1st time run CFSS at your PC – Step 6

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



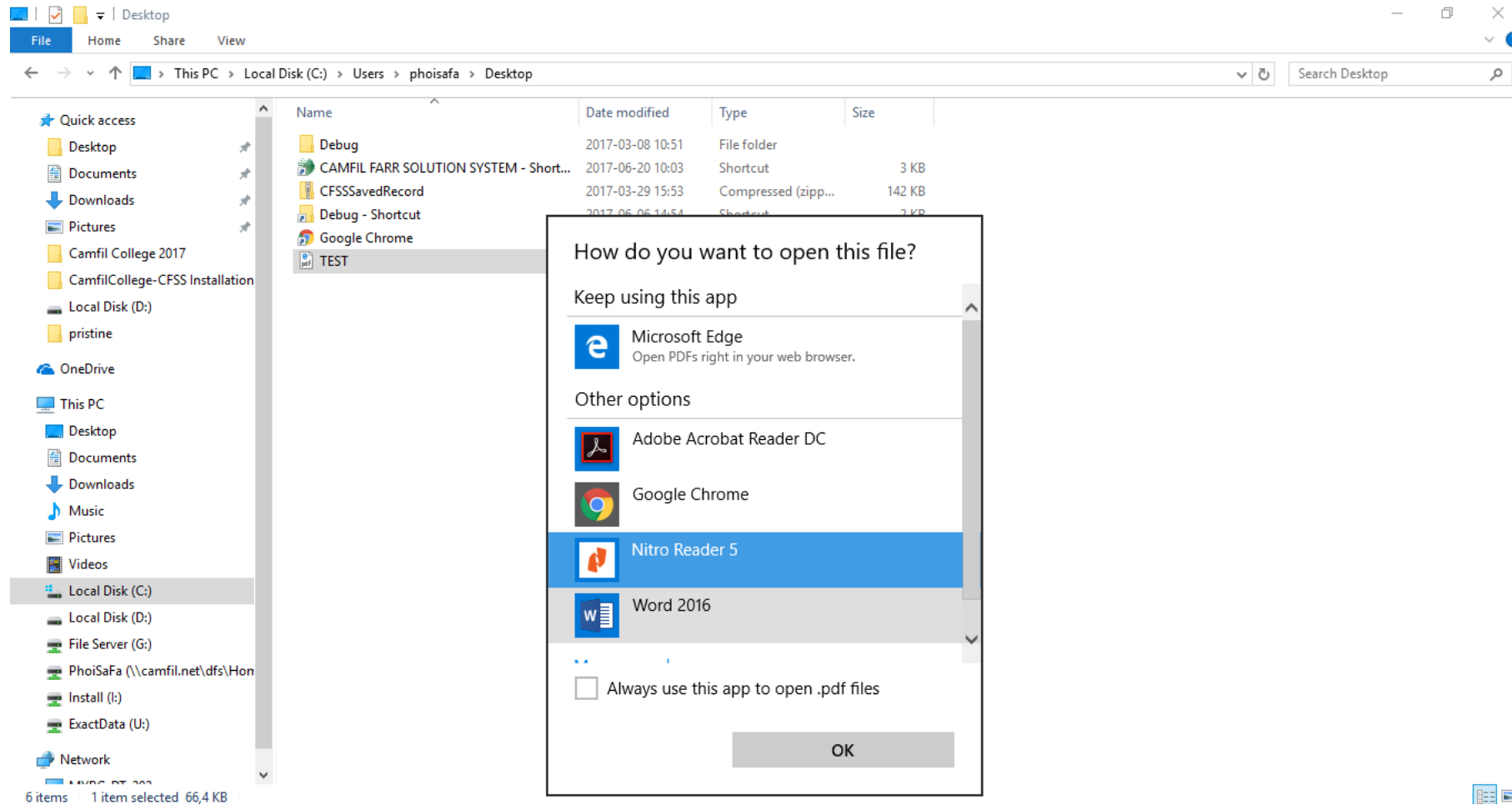
The application generate results in PDF format, therefore PDF reader is required to be installed. If you have problem to view the results with your PDF software, kindly install the Nitro reader (FREE) and make it as the default software to open the PDF file.

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



The screenshot shows a web browser window displaying the Nitro PDF Reader website. 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 a sub-heading "A free PDF reader for Windows only*". Below this, a call to action states "Download free to create, review, sign, and share PDFs." A form with three input fields is present: "First Name", "Last Name", and "Email". A checkbox option is available for "Receive Nitro news, tips, and special offers." A prominent orange button labeled "Download Nitro PDF Reader" is positioned below the form. On the right side of the page, there is an illustration of a tablet displaying a "Quarterly Business Review" document with two pie charts. At the bottom of the page, a purple banner promotes Nitro Pro with the text "Do more with your PDFs. Get the more advanced Nitro Pro today!" and a "20% off until June 30th!" offer. A small "x" icon is visible in the bottom right corner of the banner.

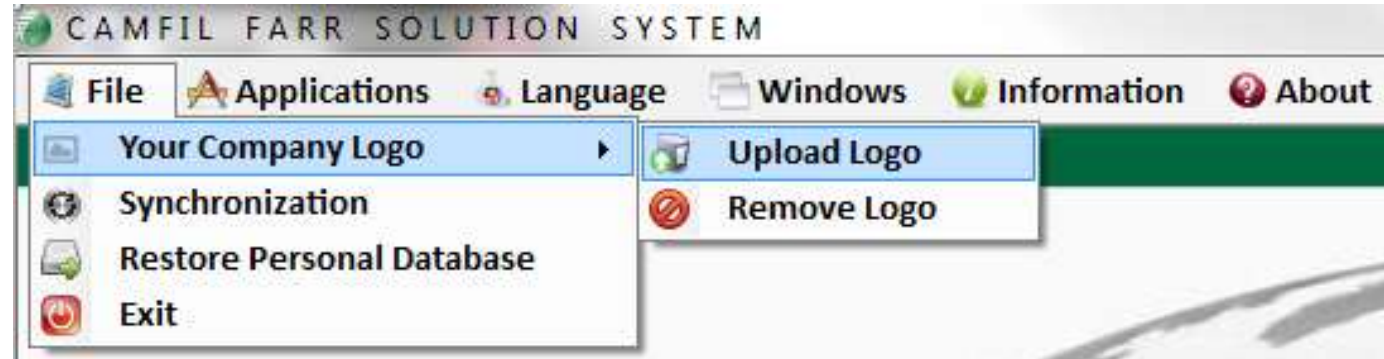
Find a PDF file located at your PC, open the file as below



Camfil Solution System

V. Main Window

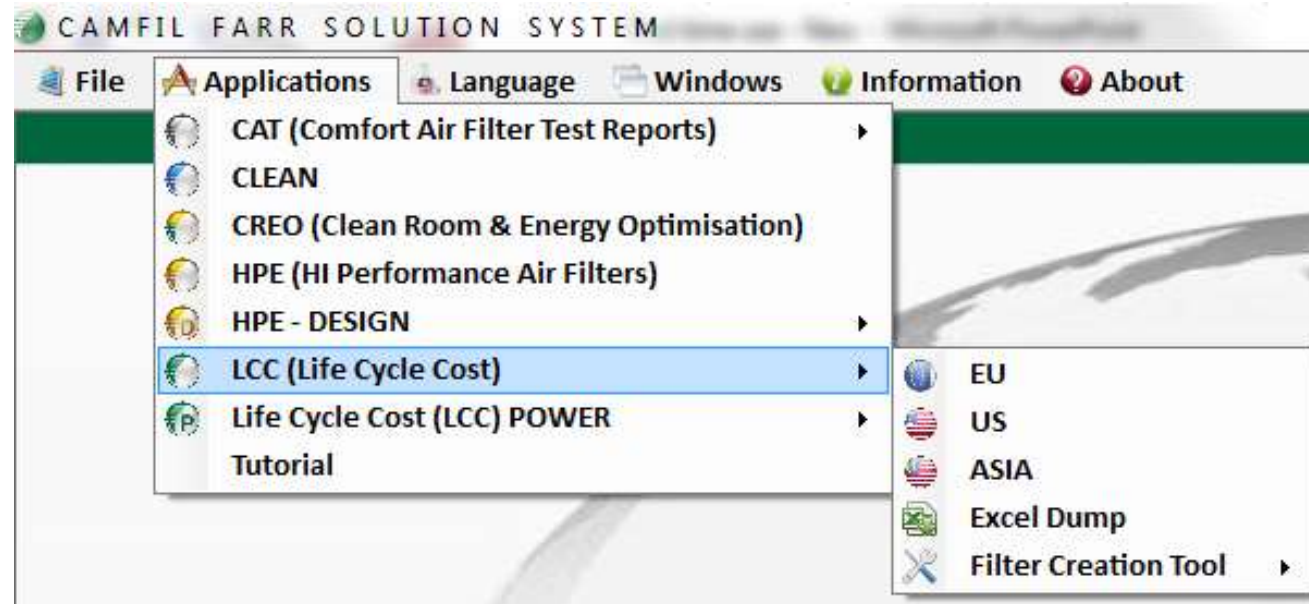
CFSS – Main Window – File



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

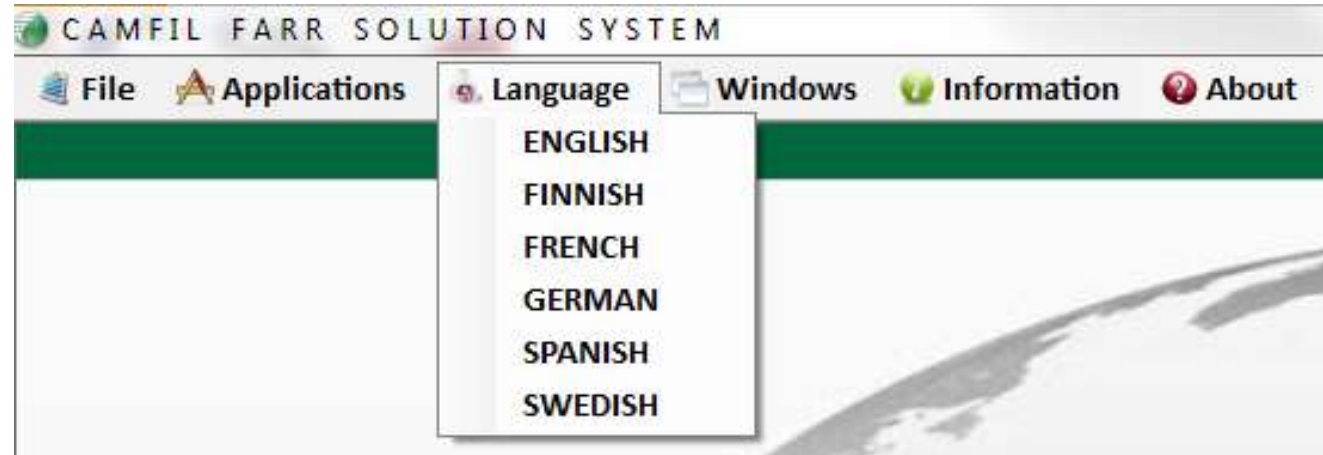
CFSS – Main Window – Applications



With the **Applications** option you can:

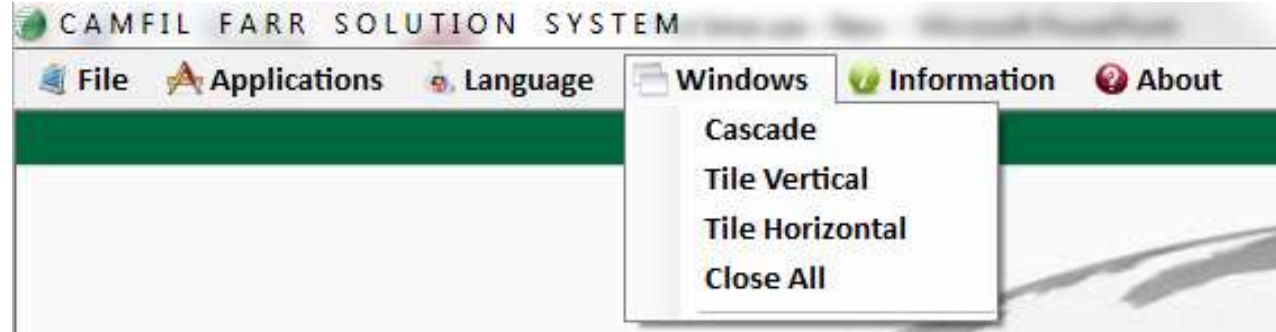
- **Select the application** you want to work with. Camfil has developed a number of different software applications. To learn more contact Camfil RnD – software support or consult this manual. To access more applications, please look in the :
 - ii. “Activate your Camfil Account”
 - iii. “1st time login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

CFSS – Main Window – Language



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

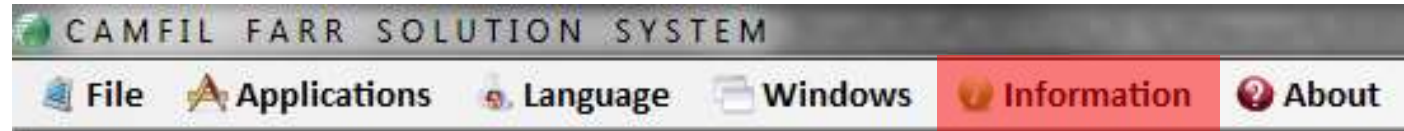
CFSS – Main Window – Windows



With the **Windows** option you can:

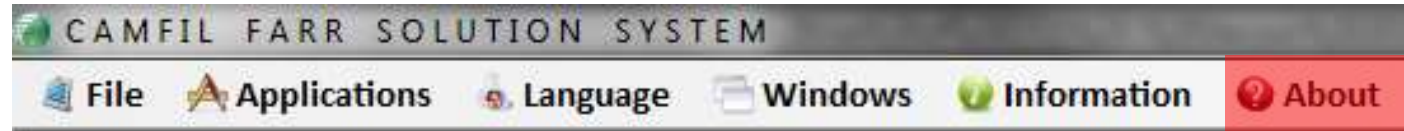
- 1) **Arrange the active windows on the screen.** This can be useful when several programs are running under the same session.

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