



## Installing the Infront Terminal



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## 1.0 Installing the Infront Terminal

### 1.1 The EXE installer

This is the installer used by most normal users – who want to install Infront on their own computer.

The user does not need to be an administrator in order to install the software, but does need to be an administrator to uninstall any existing installations of Infront with version lower than 7.1.

[DOWNLOAD \(.EXE\)](#)

### 1.2 The MSI installer

Only available for download from the web:

[NETWORK INSTALLER \(.MSI\)](#)

This is not an installer that normal users should use (although it does no harm). It is meant for IT Administrators that need to “roll-out” the terminal to all their users on a local network.

When the MSI installer is run, it appears to do nothing. But it unpacks the (.exe) installer and registers a task that runs it next time any normal user logs on to the machine. Then the (.exe) installer runs, installs as normal and runs the Infront terminal.

### 1.3 System requirements

In order to run the Infront Professional Terminal, these are the minimum requirements:

- Operating System: Windows 7 or newer
- Processor: 2 GHz Intel or more
- Internal Memory (RAM): 4096MB or more
- Screen: 1024x768 resolution (1920x1024 or higher will offer the best experience)
- Monitors: The program can run on one or multiple monitors
- Hard Disk: approx 100 MB required for the program
- Internet Connection: 2/2mbit or higher (depending on data volumes)

## 2.0 IT Admins who are upgrading Infront for their users

If users on the local network have older versions of Infront installed (5.x, 6.x, 7.0.x), it is advised to roll-out the MSI uninstaller (uninstalls older versions of Infront) at the same time the MSI installer is rolled out.

[NETWORK INSTALLER \(.MSI\)](#) [NETWORK UNINSTALLER \(.MSI\)](#)

Note: If an administrator does not include the uninstaller for roll-out, users who have Infront 5.x, 6.x, 7.0.x will find that both the old icon and the new icon will exist on their desktop and start menu (both called “Infront” by default). The user may then need help of their administrator to uninstall older version.

## 2.1 Auto-update

After running the installer for a user in any of the two ways above, there should be no need to ever run the full initial installer again (although there is no harm in doing so). Instead the Infront terminal will be notified about new versions from Infront's servers and will auto-update itself after each login as needed.

## 2.2 Auto-update switched off

We understand that there are corporate IT policies which may prohibit auto-updates of software in strict environments. This .MSI installer does not include any auto-update features.

It installs to "C:\Program Files (x86)\Ontrade" This installer version does not install into "C:\Users\%USERNAME%\AppData\Local\Ontrade" with a subfolder for the version.

[CORPORATE INSTALLER \(.MSI\)](#)

## 2.3 Installation on local Citrix server

This version supports a new Registry REG\_SZ setting:

HKEY\_LOCAL\_MACHINE\SOFTWARE\Infront\Ontrade\Startup\AppDataRoaming=1.

When this is set, the terminal will use AppData\Roaming instead of AppData\Local.

[CORPORATE INSTALLER \(.MSI\)](#)

## 2.4 Technical information

- Previous versions of the Terminal (7.0 and earlier) required administrator rights to install and installed into "C:\Program Files (x86)\Ontrade"
- After the uninstall this folder will now be empty or removed. This is normal.
- The new version does not require administrator rights to install and installs into "C:\Users\%USERNAME%\AppData\Local\Ontrade" with a subfolder for the version.

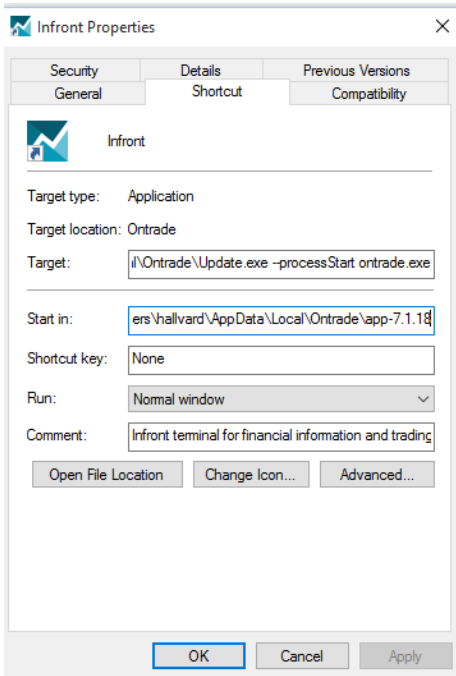
It is normal that the previous upgrade version is also left there.

Example:

Name	Date modified	Type	Size
app-7.1.17	07.10.2016 13.20	File folder	
app-7.1.18	10.10.2016 21.56	File folder	
packages	10.10.2016 21.56	File folder	
app.ico	30.09.2016 12.22	Icon	100 KB
SquirrelSetup.log	11.10.2016 16.42	Text Document	142 KB
Update.exe	30.09.2016 12.03	Application	1.495 KB

The uninstaller will remove the old version and also the old Infront shortcuts that go to the "C:\Program Files (x86)\Ontrade" folder.

The installer will create new Infront shortcuts that go to the AppData folder. Notice that the links start Update.exe with command line parameters to start Ontrade.exe and that the startup folder is set to the latest version folder, like this:



When run, the Infront terminal will check the server for the latest available version. If an upgrade with bug-fixes is available it will automatically be downloaded and installed into a new version folder in the background. The Infront shortcuts will also be updated with the new version folder as startup folder. The next time the user restarts the Infront terminal, the new version with bug-fixes and improvements will be run

### 3.0 The Analytics Excel Add-in

The add-in is only available for users with an access to the Analytics window

The user does not need admin rights to install the Add-in, although computers with very strict admin rights can prevent it from loading into Excel, showing a warning message.

#### EXE installer – Excel Add in

This is the installer used by most normal users – who want to install the Excel add-in on their own computer.

##### [EXE INSTALLER](#)

Installation process and location – Excel Add in

To force the Add-in into Excel, refer to the Installation Guide at section 4 "Other operations".

Warning: the installation location must have read AND write permissions for the Add-in to work properly. In case of doubt, keep the proposed default location.

##### [INSTALLATION GUIDE](#)

#### Security level – Excel Add in

In the Excel options, some macro security parameters can prevent the Analytics Add-in from working properly. A medium macro security level is highly recommended. For more information, please also refer to the Installation Guide.

#### MSI Installer – Excel Add in

##### [MSI INSTALLER](#)

This version is meant for IT Administrators that need to "roll-out" the Add-in to all their users on a local network.

When the MSI installer is run, it appears to do nothing. But it unpacks the (.exe) installer and registers a task that runs it next time any normal user logs on to the machine.

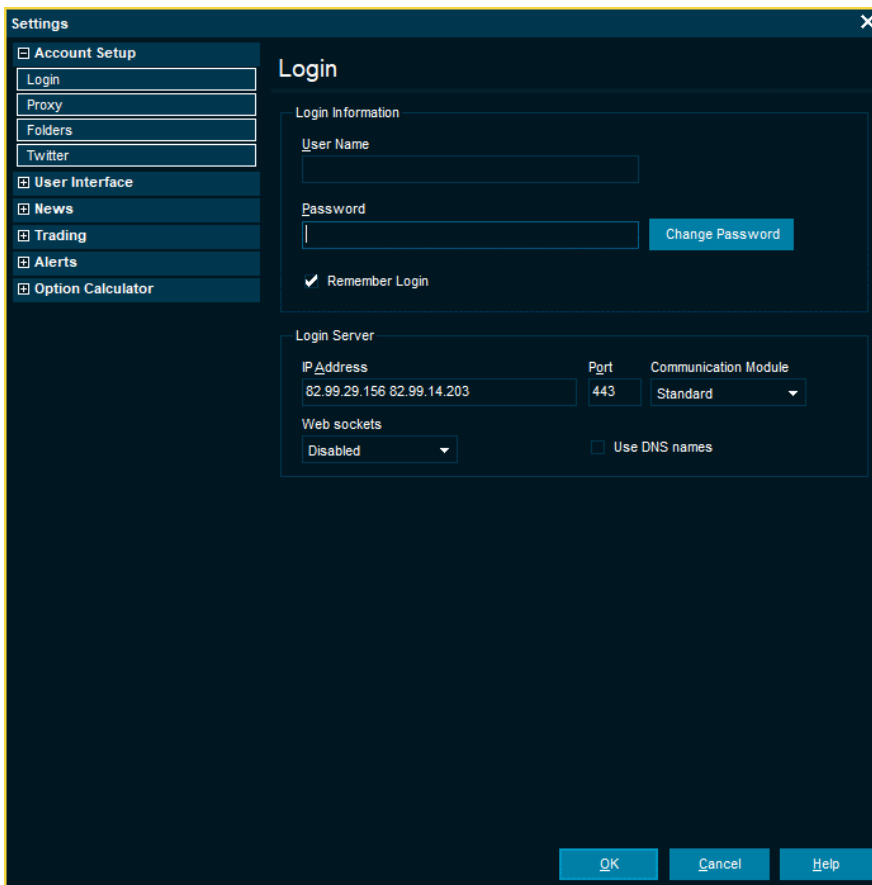
## 4.0 IP addresses used by Infront

### 4.1 Infront terminal

The below outlined IP address ranges and ports are in use by Infront software, and needs to be opened in the customer's firewalls settings. For this to work, you would need firstly to white-list \*.infrontservices.com (\* = all)

Go to advanced settings, (Alt-O A)

1. Click the Use DNS names, press ok, exit and restart
2. If this does not work, set Web sockets to force, press ok, exit and restart
3. If this does not work, set Web sockets to force (secured), press ok, exit and restart



#### Internet

82.99.29.128/25

82.99.14.192/26

37.122.251.0/25

#### Ports and Protocols

80/tcp

443/tcp

11111/tcp

40000/tcp

The reason to having several IP addresses, is because we believe that we should have as many as possible inter-chained links between the client and the source. Adding thus a so-called load-balancer on top of the server environment will add another link in the chain, consequently making it less secure. Infront's environment is currently running on several locations, whereby the switchover mechanism is built into the client.



## 4.2 Excel Add-in

### Internet

89.185.56.10

82.99.29.128/25

82.99.14.192/26

82.99.52.192/26

37.122.251.0/25

### VFN

198.193.55.0/25

### FNN

172.17.172.0/24

### VP Nett II

194.19.120.0/26

### Ports and protocols

80/tcp

443/tcp

11111/tcp

40000/tcp

### Domain

\*.infrontanalytics.com

Infront Excel Engine (“IfEngine.exe”) needs to be authorized on customer machine by antivirus software.

- We recommend that Infront Services be by-passed proxy servers.
- Packet inspection must be turned off for Infront Services.
- Infront Terminal login server set up must be manually reported in Excel Engine on Excel add-in installation:

