

## VertexFX Firewall

VertexFX Firewall is a plugin designed to manage the incoming connections to or from any geographical zone and any VertexFX terminal to the Dealing Room server. VertexFX Firewall is implemented as software plugin which frequently used to prevent unauthorized users from accessing VertexFX Platforms. All connections going to the VertexFX server will go through the VertexFX Firewall, which examines each connection and blocks those that do not meet the specified criteria.

VertexFX Firewall can be installed on your computer (like any VertexFX software) and you can customize it; allowing you some control over its functions and protection features. VertexFX Firewall will protect your VertexFX platform from any unwanted and any unauthorized connections to the VertexFX server.

### Dealer Account Access:

From this Window you can log in using any dealer credentials (preferred a separate dealer for this plugin), that will be used to set rules for the VertexFX Firewall.



**Dealer Account Access**

User Name : Your Dealer Username

Password : Your Dealer Password

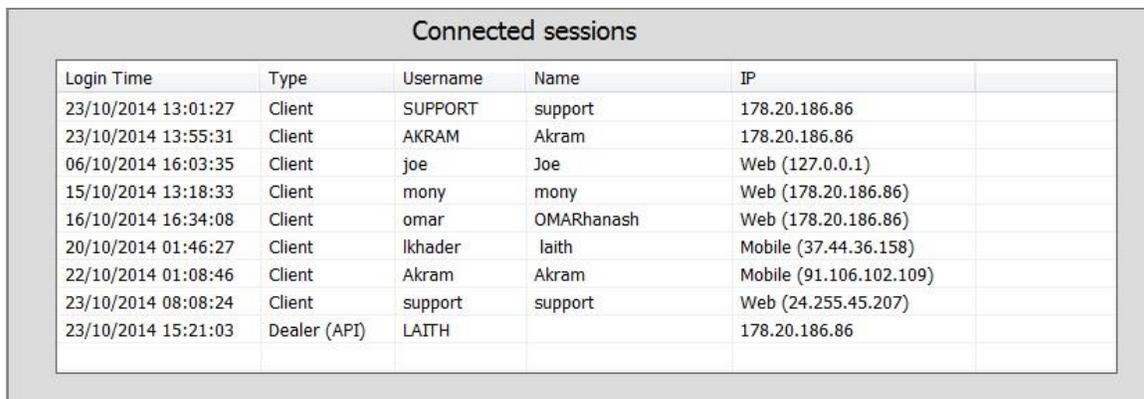
Server IP : System Server IP

Port : System Server Port

Save

### Connected Sessions:

From this window, you can see all the connected sessions that is connected to your server, with their usernames and IP's, and you may disconnect any session from this window, by selecting the client/Dealer and right click on him, then select Disconnect.



Login Time	Type	Username	Name	IP
23/10/2014 13:01:27	Client	SUPPORT	support	178.20.186.86
23/10/2014 13:55:31	Client	AKRAM	Akram	178.20.186.86
06/10/2014 16:03:35	Client	joe	Joe	Web (127.0.0.1)
15/10/2014 13:18:33	Client	mony	mony	Web (178.20.186.86)
16/10/2014 16:34:08	Client	omar	OMARhanash	Web (178.20.186.86)
20/10/2014 01:46:27	Client	lkhader	laith	Mobile (37.44.36.158)
22/10/2014 01:08:46	Client	Akram	Akram	Mobile (91.106.102.109)
23/10/2014 08:08:24	Client	support	support	Web (24.255.45.207)
23/10/2014 15:21:03	Dealer (API)	LAITH		178.20.186.86

From the “Conditions for Sessions Monitoring” Tab you may set all the rules desired to prevent any client/dealer to log in to the system from any place and any terminal using the rules in it.

#### Client Username:

From the Client Username Window, you can prevent or allow any client to log in to the terminal, by Adding its User Name in the User Name field, and then choose one of the following options:

- 1- “Allow Session by Listed Username and Block All Others: Allow only the added client to connect to the VertexFX Terminal and it will block all other client from connecting.
- 2- “Block Session by Listed User Name and Allow Others”: this option will Block the listed username by the dealer and prevent him from logging to the client terminal.
- 3- Disable This Option: it will ignore the listed Client Username and it will allow all the clients to connect despite of the existing username.

The screenshot shows a window titled "Conditions for Sessions Monitoring" with a tabbed interface. The "Client User Name" tab is selected. The window contains a large empty rectangular area on the left. To the right, there are three radio button options: "Block Session by Listed User Name and Allow All Others", "Allow Session by Listed User Name and Block All Others", and "Disable This Option" (which is selected). Below these options is a "User Name:" label followed by a text input field. At the bottom, there are two buttons: "Add Client User Name" and "Remove Client User Name".

#### Dealer Username:

From the Dealer Username Window, you can prevent or allow any dealer to log in to the terminal, by adding its User Name in the User Name field, and then choose one of the following options:

- 1- “Allow Session by Listed dealer Username and Block All Others: Allow only the added dealer username to connect to the VertexFX Terminal and it will block all other dealers from connecting.
- 2- “Block Session by Listed dealer User Name and Allow Others”: this option will Block only the listed dealer by the dealer and prevent him from logging to the client terminal.
- 3- Disable This Option: it will ignore the listed dealer/s Username and it will allow all the dealer/s to connect despite of the existing username.

**Conditions for Sessions Monitoring**

Client User Name	Dealer User Name	Client IP Address	Dealer IP Address	IP Group	Other Options	Advanced	Activity Log
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Block session by listed dealer user name and allow all others  
 Allow session by listed dealer user name and block all others  
 Disable this option

Dealer User Name:

Client IP Address:

From the Client IP Address Window, you can prevent or allow any client to log in to the VertexFX terminals from a certain IP, by adding the clients' IP in the IP Address field, and then choose one of the following options:

- 1- "Allow client by Listed IP Address and Block All Others" : Allow only the added IP for clients to connect to the VertexFX Terminal and it will block all other clients connections from, other IP's.
- 2- "Block client by Listed IP Address and Allow Others": this option will Block the listed IP for clients and prevent him from logging to the client terminal, and allow all other clients from other IP's.
- 3- Disable This Option: it will ignore the listed IP Address for clients and it will allow all the clients to connect despite of the existing IP Address.

**Conditions for Sessions Monitoring**

Client User Name	Dealer User Name	Client IP Address	Dealer IP Address	IP Group	Other Options	Advanced	Activity Log
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Block client by listed IP Address and allow all others  
 Allow client by listed IP Address and block all others  
 Disable this option

IP Address:

Dealer IP Address:

From the dealer IP Address Window, you can prevent or allow any client to log in to the VertexFX terminals from a certain IP, by adding the dealers IP in the IP Address field, and then choose one of the following options:

- 1- "Allow dealer by Listed IP Address and Block All Others": Allow only the added IP for dealers to connect to the VertexFX Terminal and it will block all other dealers connections from, other IP's.
- 2- "Block client by Listed IP Address and Allow Others": this option will Block the listed IP for dealer and prevent him from logging to the Backoffice terminal, and allow all other dealers from other IP's.
- 3- Disable This Option: it will ignore the listed IP Address for dealers and it will allow all the clients to connect despite of the existing IP Address.

Conditions for Sessions Monitoring

Client User Name Dealer User Name Client IP Address Dealer IP Address IP Group Other Options Advanced Activity Log

Block dealer by listed IP Address and allow all others  
 Allow dealer by listed IP Address and block all others  
 Disable this option

IP Address:

Add IP Address Remove IP Address

IP Group:

From the dealer IP Group Window, you can prevent or allow any client/dealer to log in to the VertexFX terminals from a certain IP or an IP range, by adding the IP range in the IP Address field (From - TO), and then choose one of the following options:

- 1- "Allow session by Listed IP Group and Block All Others": Allow only the added IP range for dealers/clients to connect to the VertexFX Terminal and it will block all other dealers/clients connections from any other IP's.
- 2- "Block session by Listed IP Group and Allow Others": this option will Block the listed IP range for dealer/clients and prevent him from logging to the VertexFX terminal, and allow all other clients/dealers from other IP's.
- 3- Disable This Option: it will ignore the listed IP range Address for all sessions and it will allow all the clients/dealers to connect despite of the existing IP Address range.

**Conditions for Sessions Monitoring**

Client User Name	Dealer User Name	Client IP Address	Dealer IP Address	IP Group	Other Options	Advanced	Activity Log
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Block Session by Listed IP Group and Allow All Others  
 Allow Session by Listed IP Group and Block All Others  
 Disable This Option

IP Address From:  To :

Other Options:

From this window you can allow or block all the incoming connection to the VertexFX terminals According to the session types

**Conditions for Sessions Monitoring**

Client User Name	Dealer User Name	Client IP Address	Dealer IP Address	IP Group	Other Options	Advanced	Activity Log
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<b>Client</b> <input type="radio"/> Block All Clients <input checked="" type="radio"/> Allow Client	<b>Dealer</b> <input type="radio"/> Block All Dealers <input checked="" type="radio"/> Allow Dealer	<b>Demo Client</b> <input type="radio"/> Block All Demo Clients <input checked="" type="radio"/> Allow Demo Client
<b>From Mobile</b> <input type="radio"/> Block All Mobile Sessions <input checked="" type="radio"/> Allow Mobile Session	<b>From Web</b> <input type="radio"/> Block All Web Sessions <input checked="" type="radio"/> Allow Web Session	<b>From API</b> <input type="radio"/> Block All API Sessions <input checked="" type="radio"/> Allow API Session

Advanced:

From this advanced tab you can choose and customize your Conditions to prevent the clines/Dealers by setting a combination of all previous rules.

**Conditions for Sessions Monitoring**

Client User Name	Dealer User Name	Client IP Address	Dealer IP Address	IP Group	Other Options	Advanced	Activity Log
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<table style="width: 100%;"> <tr> <td style="width: 33%;">Session</td> <td style="width: 33%;">Types</td> <td style="width: 33%;">IP Address</td> </tr> <tr> <td><input type="text"/></td> <td>And <input type="text"/></td> <td>And All <input type="text"/></td> </tr> </table> <p>Session :Dealer: AND Type :API: AND IP: 141.105.62.244</p>	Session	Types	IP Address	<input type="text"/>	And <input type="text"/>	And All <input type="text"/>	<input checked="" type="radio"/> Activate Advanced Rules <input type="radio"/> Disable Advanced Rules  <input type="button" value="Add Rules"/> <input type="button" value="Remove Rules"/>
Session	Types	IP Address					
<input type="text"/>	And <input type="text"/>	And All <input type="text"/>					

## Activity Log:

In the activity log, you can see all the actions happened on the plugin and done by the plugin, to trace and know what is happening on the plugin while it is running.

Conditions for Sessions Monitoring							
Client User Name	Dealer User Name	Client IP Address	Dealer IP Address	IP Group	Other Options	Advanced	Activity Log
23/10/2014 3:44:05 PM Dealer (API) LAITH from IP 178.20.186.86 Skip session as logged in dealer.							
23/10/2014 3:43:49 PM : Session of Dealer EYAD From IP:178.20.186.86 Disconnected by User Selection							
23/10/2014 3:43:43 PM : Session of Client mony From IP:Web (178.20.186.86) Disconnected by User Selection							
23/10/2014 3:43:38 PM : Session of Client SUPPORT From IP:178.20.186.86 Disconnected by User Selection							
23/10/2014 3:42:35 PM Dealer (API) LAITH from IP 178.20.186.86 Skip session as logged in dealer.							
23/10/2014 3:21:29 PM Dealer (API) LAITH from IP 178.20.186.86 Skip session as logged in dealer.							
23/10/2014 3:21:10 PM Get Connected with server							
23/10/2014 3:20:59 PM Disconnected from server							
23/10/2014 3:20:36 PM Dealer (API) omar from IP 178.20.186.86 Skip session as logged in dealer.							
23/10/2014 3:20:27 PM Get Connected with server							
23/10/2014 3:20:14 PM Disconnected from server							