HICAPS

HICAPS Connect Port Exceptions specification guide



HICAPS Connect is an application that allows your Practice Management Systems (PMS) software to "talk" to the HICAPS terminal.

If you are running a firewall on your computer you may need to open ports through the firewall to allow the 2 programs (your PMS Software and HICAPS Connect) to talk to each other.

As there are many different types of firewalls and brands we cannot explain the process for opening ports for all of them. We recommend that you consult your user guide or help file about the firewall on your particular system. In this case, we are walking through the process for the Windows XP (SP2) firewall.

Exception Setting

It is recommended that you allow the following ports even if the Terminal is standalone (Not Network Connected).

HICAPS Connect – TCP 11000 TCP – 11000 HICAPS Connect – UDP 11001 UDP – 11001

It is also suggested that you restrict these open ports to the local subnet.

Warning: Allowing ports to run through your firewall may result in damage to your computer, network, software and stored data. You acknowledge and agree that any use of the information contained in this document by you and any opening of ports on your system is solely at your risk and that HICAPS Pty Ltd is not responsible or liable for any loss or damage you suffer (including indirect or consequential loss) as a result of that. HICAPS makes no representations or warranties about the suitability, reliability or accuracy of the information contained in this document.

Attached is a description on how to open ports for Microsoft Windows running Service Pack 2

Select the following:

Start – Control Panel – Network Connections – Local Area Connection

ieneral	Support		
Conn	ection		
Stat	us:		Connected
Dura	ation:		4 days 08:52:57
Spe	ed:		100.0 Mbps
Activi	Ŋ		
		Sent —	Received
Pac	kets:	1,389,748	1,696,058
Erop	erties	Disable	

aeneral	Authenticatio	n Advanc	ed		
Wind	ows Firewall				
Prote or pre the In	ct my compute venting acces ternet	r and netwo s to this cor	rk by limiting nputer from	Setti	ngs
If you're	not sure how	to set these	properties, u	se	

Then left click on the **Properties** button

Select the **Advanced** Tab Then left click on the **Settings** button

General	Exceptions Advanced
Ø	Windows Firewall is helping to protect your PC
Windov from ga	vs Firewall helps protect your computer by preventing unauthorized users ning access to your computer through the Internet or a network.
١	On (recommended)
~	This setting blocks all outside sources from connecting to this computer, with the exception of those selected on the Exceptions tab.
	Don't allow exceptions
	Select this when you connect to public networks in less secure locations, such as airports. You will not be notified when Windows Firewall blocks programs. Selections on the Exceptions tab will be ignored.
1	Off (not recommended)
· ·	Avoid using this setting. Turning off Windows Firewall may make this computer more vulnerable to viruses and intruders.
What e	se should I know about Windows Firewall?



Select the **Exceptions** Tab

Then left click on the Add Port... button

For more information relating to exceptions click on the link – "What are the risks of allowing exceptions" in the **Exceptions** Tab

Add a Port	
Use these settings number and protoc want to use.	to open a port through Windows Firewall. To find the port ol, consult the documentation for the program or service you
<u>N</u> ame:	HICAPS Connect - TCP 11000
Port number:	11000
What are the risks	of opening a port?
Change scope	OK Cancel

Type Name = HICAPS Connect – TCP 11000

Port number = 11000

Click on the radio button **TCP**

Then click on **Change scope...**

Change Scope
To specify the set of computers for which this port or program is unblocked, click an option below.
To specify a custom list, type a list of IP addresses, subnets, or both, separated by commas.
O Any computer (including those on the Internet)
My network (subnet) only
O <u>C</u> ustom list:
Example: 192.168.114.201,192.168.114.201/255.255.255.0
OK Cancel

Click on the radio button My network (subnet) only

ieneral	Exceptions	Advanced	
Window program to work Program	vs Firewall is b ns and service better but mig ns and Servic	locking incoming network o s selected below. Adding e ht increase your security ris	connections, except for the exceptions allows some programs sk.
Name	e		1
Fi	e and Printer	haring	
	percuri_app		
	emote Deskto PhP Framewo	, k	
Add	P <u>rogram</u> Ilay a <u>n</u> otificat	Add Port	Edit Delete

Then left click on the Add Port... button

Add a Port	
Use these settings number and protoc want to use.	to open a port through Windows Firewall. To find the port ol, consult the documentation for the program or service you
<u>N</u> ame:	HICAPS Connect - UDP 11001
Port number:	11001
What are the risks	of opening a port?
Change scope	OK Cancel

Type Name = HICAPS Connect – UDP 11001

Port number = 11001

Click on the radio button **UDP**

Then click on **Change scope...**

Change Scope
To specify the set of computers for which this port or program is unblocked, click an option below.
To specify a custom list, type a list of IP addresses, subnets, or both, separated by commas.
Any computer (including those on the Internet)
My network (subnet) only
O <u>C</u> ustom list:
Example: 192.168.114.201,192.168.114.201/255.255.255.0
OK Cancel

Click on the radio button My network (subnet) only

1	General Exceptions Advanced			
	Windows Firewall is blocking incoming network connections, except for the programs and services selected below. Adding exceptions allows some programs to work better but might increase your security risk.			
l	Lingians and Services.			
L				
Ļ	V File and Printer Sharing			
L	V HICAPS Connect - LIDP 11000			
T	Hickar's connect ServiceController			
L				
L	MxDownloadServer			
L	✓ Network Diagnostics for Windows XP			
l	Remote Assistance			
	Remote Desktop			
	UPnP Framework			
	Add Program Add Port Edit Delete			
	Display a notification when Windows Firewall blocks a program			
I	What are the risks of allowing exceptions?			

HICAPS Connect should now function with your selected Practice Management System.



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