

# AltiGen MaxCS Private Cloud

## Windows Firewall Exception Guide – TFTP Tool

#### Purpose:

This guide is designed to provide System Administrators with the steps to allow Phone at customer locations to use the TFTPNAT application to receive updates from the MaxCS Private Cloud Environment.

### **Requirements:**

To use this guide, you must have Administrator level access to the MaxCS Private Cloud System. All Partnets have been provided credentials with this level of access.

#### Notice:

TFTP presents security risks to the Windows platform, allowing TFTP should be done only when necessary. Allowing this traffic as with any type of traffic only when necessary can help to reduce risk to the Windows platform. You may enable and disable the rules created in this guide when you are not using the TFTPNAT application. To Enable or Disable the rule after it has been created, simply Right click on the Rule and select **Disable Rule** or **Enable Rule**.

How to Allow the TFTP to operate with the Windows Firewall Active:

- 1. Download the TFTP/NAT Tool to a location on the server such as "C:/TFTP"
- 2. Right Click Start and Open Control Panel





#### 3. Open Windows Firewall

<b>9</b>	All Ci	ontrol Panel Items		- 🗆 X
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Adjust your computer's settin	gs		View by: Small icons	, <del>.</del>
P Action Center	🎕 Administrative Tools	AutoPlay	🔽 Color Management	
Credential Manager	🔮 Date and Time	📷 Default Programs	🚔 Device Manager	
Devices and Printers	🜉 Display	🕒 Ease of Access Center	Folder Options	
🔣 Fonts	😒 Internet Options	🔩 iSCSI Initiator	🚔 Java (32-bit)	
E Keyboard	🗫 Language	I Mouse	🕎 Network and Sharing Center	
🛄 Notification Area Icons	🔚 Phone and Modem	Power Options	Programs and Features	
🔗 Region	🐻 RemoteApp and Desktop Connections	🛋 Sound	👰 System	
Taskbar and Navigation	😢 Text to Speech	Troubleshooting	& User Accounts	
Windows Firewall	🐼 Windows Update			
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#### 4. On the Left Side Open **Advanced settings**



5. Right Click **Inbound Rule** after highlighting the object by clicking on it.

#### 6. Select New Rule





7. On the Rule Type Screen select Program then click Next

<b>*</b>	New Inbound Rule Wizard	×
Rule Type Select the type of firewall rule to cre	eate.	
Steps:		
Rule Type     Program	What type of rule would you like to create?	
Action	Program	
<ul> <li>Profile</li> <li>Name</li> </ul>	Nue that controls connections for a program.     O Port	
r	Rule that controls connections for a TCP or UDP port.	
r r	Predefined:     Active Directory Domain Services	√
r r	Rule that controls connections for a Windows experience.	
	Custom Custom rule.	
	< Back Next > C2	ancel

8. On the Program screen select Browse

<b>2</b>	New Inbound Rule Wizard	x		
Program Specify the full program path and ex	Program peofy the full program path and executable name of the program that this rule matches.			
Steps: Program Action Profile Name	Does this rule apply to all programs or a specific program?         Image: Comparison of the computer that match other rule properties.         Image: Comparison of the computer that match other rule properties.         Image: Comparison of the computer that match other rule properties.         Image: Comparison of the computer that match other rule properties.         Image: Comparison of the computer that match other rule properties.         Image: Comparison of the computer that match other rule properties.         Image: Comparison of the computer that match other rule properties.         Image: Comparison of the computer that match other rule properties.         Image: Comparison of the computer that match other rule properties.         Image: Comparison of the computer that match other rule properties.         Image: Comparison of the comparison o			

9. Browse to the folder you downloaded the TFTP/NAT Tool and select the TFTPNAT.exe application, then click **Open**.



10. Click Next



11. On the Action Screen, Select Allow the connection then click Next



12. On the **Profile** screen check the box for **Domain** only (NOTE: All MaxCS Private Cloud Systems have their NIC connect to the Domain Network.)

<b>@</b>	New Inbound Rule Wizard
Profile Specify the profiles for which this r	ule applies.
Steps: Program	When does this rule apply?
Profile	Applies when a computer is connected to its corporate domain.
• Name	Private     Applies when a computer is connected to a private network location, such as a home     or own of place.     Public     Applies when a computer is connected to a public network location.        < Back     Next >



13. On the Name screen, provide a Name and Description for the rule

	<b>@</b>	New Inbound Rule Wizard	×
	Name		
	Specify the name and description of	f this rule.	
	Steps:		
	Rule Type		
	Program		
	Action	News	
	Profile	AtiGen TFTP Tool	
	Name		·
		Allows phones to receive firmware updates from the MaxCS Private Cloud Environment.	
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		< Back Finish Cano	el

- 14. Click Finish
- 15. Right click **Outbound Rule** after highlighting the object by clicking on it.
- 16. Select New Rule

💮 Windows Fire	wall with Advance	Outbo
🔣 Inbound I	Rules	Name
K Out	New Rule	ť
⊳ 🔜 Moi	Filter by Profile	- + [
	Filter by State	- + I
	Filter by Group	• E
	View	► 1
	Refresh	
	Export List	i
	Help	r



17. On the Rule Type screen select Program then click Next

<i>🔐</i>	New Outbound Rule Wizard	×
Rule Type Select the type of firewall rule to c	reate.	
Select the type of firewall rule to or Steps: Program Action Profile Name	reate. What type of rule would you like to create? Program Rule that controls connections for a program. Prote that controls connections for a TCP or UDP port. Protection Domain Services Rule that controls connections for a Windows experience. Custom rule.	~
	< Back Next >	Cancel

18. On the Program screen select Browse

<b>@</b>	New Outbound Rule Wizard	X
Program		
Specify the full program path ar	nd executable name of the program that this rule matches.	
Steps:		
Rule Type	Does this rule apply to all programs or a specific program?	
Program	0.00	
Action     Profile	<ul> <li>All programs</li> <li>Rule applies to all connections on the computer that match other rule properties.</li> </ul>	
<ul> <li>Name</li> </ul>		
	This program path:     Vourtem Drive VITETP/T#nNat eve	
	Example: c:\path\program.exe	
	%ProgramFiles%\browser\browser.exe	
	< Back Next > Cancel	

19. Browse to the folder you downloaded the TFTP/NAT Tool to and select the TFTPNAT.exe application, then click **Open**.



20. Click Next



21. On the Action Screen, Select Allow the connection then click Next



22. On the **Profile** screen check the box for **Domain** Only (NOTE: All MaxCS Private Cloud Systems have their NIC connect to the Domain Network)

<b></b>	New Outbound Rule Wizard	¢	
Profile Specify the profiles for which this rule applies.			
Steps: Pule Type Program Action Profile Name	When does this rule apply?		
	< Back Next > Cancel		



23. On the Name screen, provide a Name and Description for the Rule

<i>•</i>	New Outbound Rule Wizard		
Name			
Specify the name and description	description of this rule.		
Steps:			
Rule Type			
Program			
<ul> <li>Action</li> </ul>	Name:		
Profile     News	AltiGen TFTP Tool		
• IName	Description (optional):		
	Allows phones to receive firmware updates from the MaxCS Private Cloud Environment.		
	< Back Finish Cancel		
		_	

- 24. Click Finish
- 25. Test the TFTP Tool to be working correctly.

NOTE: Contact AltiGen Technical Support if you continue to have issues, please review your configurations with this guide and the configuration of your Network Firewall prior to calling support.