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FTP Unistream to Filezilla

USP-104-B10 Equipment: Laptop Filezilla server software

Filezilla setup

Download and install Filezilla SERVER version to your laptop. Filezilla should be installed as a service but pick your preferred option when asked if the service should automatically start as a permanently running FTP server must be considered a security risk. Strong passwords should also be used where ever passwords are required.

It is not necessary to change any of the options or setting in Filezilla other than those specified below which all fall under the User tab. The user may wish to change more settings in relation to security but these are the bear minimum to get the transfer to work.

DO NOT check any TLS stings in Filezilla as Unistream does not support encrypted FTP.

Select Edit > Users

^z Users		×	
Page: Ceneral Shared folders Speed Limits IP Filter	Account settings	Add Remove ename Copy	Add a user account name (TonyO1) and enable the account plus add a password. This account name and password will be used by Unistream to log on to the FTP server.
2 Users Page: - General - Shared Inits - IP Filter	You can enter some comments about the user You can enter some comments about the user Shared folders Directories Aliases H C-\Users\Tony\D You can enter some comments about the user	01	Assign the required file attributes to the user account and pick which shared folders the users can access. The shared folder pathlist points to a folder on the laptop, in this case in the documents
- OK Cancel	A directory alias will also appear at the specified location. Aliases must contain path. Separate multiple aliases for one directory with the pipe character (1) If using aliases, please avoid cyclic directory structures, it will only confuse FTF	Add Remove ename Copy the full virtual P clients.	folder. C:\Users\Tony\Documents\FTP Root This folder MUST exist on the laptop running Filezilla and is known as the Home directory, it should be highlighted and Set as Home Directory.

Filezilla is now ready to accept incoming connections.



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Windows Firewall

Any requests from Unistream to transfer to the laptop will be refused unless the correct rules are in place in the Windows Firewall. Without these rules the FTP Client status tag will return a -6 General error.

There are two rules require, one for the program and one for the ports. Open Windows Firewall Advanced Options and add a new Inbound rule.

New Inbound Rule Wizard Rule Type Select the type of firewall rule to creat	do.	Select Prog	gram and Next. Select This Program Path and type
Stepe: Poper Poper Actorn Actorn Polife Name	w Wat type of nie would you like to center?	%Program and Next	Files% (x86)\FileZilla Server\FileZilla Server.exe
			< Back Next > Cancel

PNew Inbound Rule V	Wzard	Select All	low the Connection and Next followed by thre		
Specify the action to be tak	ken when a connection matches the conditions specified in the rule.	CHECKEU	boxes and next, name the rule and mish.		
Steps:					
Rule Type	What action should be taken when a connection matches the specified conditions?				
Program	Allow the connection				
Action	This includes connections that are protected with IPsec as well as those are not.	Prew Inbound Rule Wizard			
Profile	Allow the connection if it is secure				
Name This induces only consistent and the been adhericated by using the settings in Parcy projection and rules in the plan node. Content of the connection Back the connection	This includes only connections that have been authenticated by using IPsec. Connections will be secured using the settings in IPsec properties and rules in the Connection Security Rule node.	Specify the profiles for white	PTOTILE Specify the profiles for which this rule applies.		
	Customoe	Sleps:			
		a Rule Type	When does this rule apply?		
	O Block the connection	Program			
		Action	☑ Domain		
		a 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		
			D Public		
			Applies when a computer is connected to a public network location.		
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Unistream

The Unistream program "Filezilla FTP Server.ulpr" was the program used to transfer the FTP file from the SD card to the laptop.

Tony Spearing I4 Automation Ltd August 2021