

Remote User Connectivity Options

Successful access to the PowerFlow Database server with reasonable response time is dependent on many factors. The two most important are security (firewall) influence and bandwidth (speed of response). The table below outlines four methods of remote connectivity options, pros and cons. The method permitted or preferred by a customer is generally determined by the I/T structure and system administrator policies.

NOTE: All methods of remote access to the database server require sufficient Microsoft SQL Server Client Access Licenses (CAL's). The license requirements, fees, implementation, and support *are not included* in any product licensing or support service provided by PowerFlow Solutions.

Method	Pros	Cons
Workstation direct connect to database server	<ul style="list-style-type: none"> PowerFlow is installed on client workstation Supports connected scanning device 	<ul style="list-style-type: none"> PowerFlow is installed on client workstation—must manage the PF update process on remote computers Requires sufficient bandwidth (T1?) Secure connection method required if using public networks

The next three methods access the PowerFlow program running on a workstation or server located behind your enterprise firewall. The remote workstation is only used to capture keyboard clicks, mouse movement and clicks, and the screen display—commonly referred to as “thin client”. These methods are preferred by large or disbursed enterprise because they are the easiest to control, update, and administer: no PowerFlow software is required on the remote workstation.

Remote Desktop (RDP): Remote workstation connects to office desktop, remotely driving a LAN based workstation	<ul style="list-style-type: none"> PowerFlow not required on remote client workstation Using your office desktop (familiar to you) Included in PRO versions of Windows operating systems Good reconnect capability after unexpected disconnect 	<ul style="list-style-type: none"> Limited to single-user remote access Office desktop cannot be used if connected by remote
Microsoft Terminal Services	<ul style="list-style-type: none"> Single system to administer Can enable and update PF application across enter in minutes Controls the user desktop for enhanced security Can access using browser, free plug-in automatically downloaded and installed Can use Remote Scan tool to expose remote scanner to application server machine 	<ul style="list-style-type: none"> Requires “Application Server” class machine Requires Terminal Server user access licenses (concurrent) Reconnect after unexpected disconnect not automatic?
Citrix Server	<ul style="list-style-type: none"> Same PROS as MS Terminal server Improved performance remote client protocol Reconnect at unexpected disconnect is seamless 	<ul style="list-style-type: none"> Requires “Application Server” class machine Requires Terminal Server user access licenses (concurrent) Cost more than MS Terminal Services

If the Channel Partner is not familiar or experienced with these deployment models PowerFlow Solutions recommends CP seek outsource services with expertise in deployment of these types of remote application servers.

Related Documents

- TEC005 – Internet Browser and PowerFlow
- TEC015 – Remote Scan Tool