gpa Remote Access Options

Remote Access "Quick" options:

Options	PROs	CONs	Security Rating
TeamViewer	Low cost (avg $50 month), fast & easy setup, easy to use	Cloud based, requires agent, endpoint must have Internet access, security concerns	7
VNC (several versions)	Low cost (many free options), fast & easy setup, easy to use	Cloud based, requires agent, endpoint must have Internet access, peer-to-peer, security concerns	7
Screenconnect	Low cost (avg $35 month), fast & easy setup, easy to use	Cloud based, requires agent, endpoint must have Internet access	8
GoToMyPC	Low cost, fast & easy setup, easy to use	Cloud based, requires agent, endpoint must have Internet access, security concerns	6
SoftEther	Low cost (avg $10 month), secure, fast deployment	Cloud based, requires agent, endpoint must have Internet access, must keep up with patches & updates	8

Non-traditional options:

Options	PROs	CONs	Security Rating
GPA Remote Access Point (RAP) + Jumpbox	Low cost, quick deployment (avg 1 week), secure	Temporary, exclusively for GPA projects	9

Appliance Options:

Options	PROs	CONs	Security Rating
Firewall based VPN (Cisco, Palo Alto, Fortinet, etc.)	Very secure, can be combined with multiple secure login options, flexible	Must have full engagement of site-based IT, can be slow to deploy depending on size of company	10
BeyondTrust remote access solution	Very secure, can be combined with multiple secure login options, flexible	Must have full engagement of site-based IT, can be slow to deploy, requires engagement of BeyondTrust support for deployment	10
TOSIBOX	Very secure, can be combined with multiple secure login options, multiple deployment options, flexible	Must have full engagement of site-based IT, can be slow to deploy, Cloud based	10

Notes:
Security Rating – range 1 through 10, 1 being least secure, 10 being most secure

Definitions:
Cloud based – connection is hosted by a server in the cloud with unknown physical access
Requires agent – a special piece of software needs to be installed on the desired endpoint for remote communication to be established
Security concerns – There have been notable issues and vulnerabilities with past versions. These may or may not have been corrected with patches, updates & new versions