Georgia SoftWorks SSH Server for Windows Offers True End to End Security

Georgia SoftWorks offers tips to understand the difference between GSW SSH Server for Windows True End to End Security Protocol versus Encryption.

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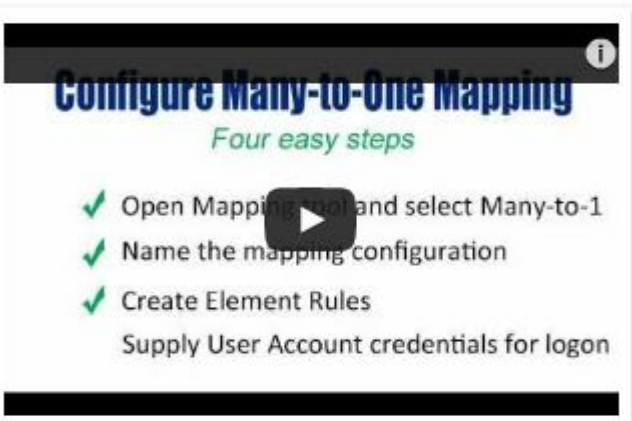
The Georgia SoftWorks SSH Server for Windows provides secure remote access to your Windows host including Secure Remote Logon, Secure Data Exchange and Secure Access to your application on an insecure network.



Many times companies believe they have one level of security, but they really have something quite different. Encryption, such as Blowfish, is not a security protocol. Security requires much more than just using an encryption cipher. For example, it must protect against playback attacks; when someone records the data of the session and then tries to play it back and connect illegally to the system. Security also requires backward and forward secrecy. If a key is compromised, an attacker should not be able to decode all of the data which was previously encrypted with that key.

"Blowfish is very good cipher, created by one of the famous cryptographers;Bruce Schneier, but Blowfish is not a security protocol. Blowfish does not in any way deal with the key exchange, which is basically how the passphrase used to encrypt and decrypt the data is established between the client and server. It does not verify that the client is really connecting to the correct server and cannot tell the server that an unauthorized client is connecting, and cannot guarantee that the data arriving at the server is unaltered by a third party. These types of things, as well as many others, are components of security protocols,"said Luke Batko of Georgia SoftWorks.

At Georgia SoftWorks security is taken seriously because the consequences of a breach can be damaging to individuals, businesses, and even national interests. Georgia SoftWorks SSH Server for Windows offers a secure solution to all the issues presented above that is simple to deploy and configure with complete End to End security. The GSW SSH2 server only allows connections from SSH2 clients. This ensures that all user data is encrypted prior to leaving the local client device. The data is decrypted at the remote GSW SSH2 Server. This includes authentication data such as the username and password that is required to login to the remote server.

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Established in 1991, Georgia SoftWorks is a privately held software development company recognized for creating high performance data communications, system and telecommunications applications. Georgia SoftWorks has obtained a worldwide presence with its industrial SSH/Telnet Server for Microsoft Windows. GSW's long-term commitment to SSH/Telnet has led to the pioneering of major features such as Session Shadowing, Session Monitoring, Graceful Termination, Automatic Logon, Logon Scripting and more recently Team Services technology which allows mobile device users to transfer, swap, share and recover mobile device sessions. Georgia SoftWorks also leads in SSH security by providing Digital Certificate Authentication with a Many-to-one and one-to-one mapping tools, opening up a new level of security to administrators.