	Georgia SoftWorks SSH and Telnet Server **Version 8.10.0003**	August 12, 2020

Georgia SoftWorks is pleased to announce the latest release of Georgia SoftWorks UTS (Telnet Server) and SSH Shield (SSH Server). **Version 8.10.0003** is shipping and is now available for distribution.

Feature #	Description –Features
Version	**8.10.0003 – UTS/SSH Shield Major Feature Release**
Feature #	**Description**
A20146	**GSW UTS (Telnet) and SSH Shield** .msi package of UTS is available for administrators using mass deployment tools such as GPO. .msi files are suitable for creating customized deployment configurations using Microsoft Orca and MSI transforms.

A20147	**GSW UTS (Telnet) and SSH Shield**
	Microsoft Pseudoconsole Support supported Windows versions. Allows beautiful application presentations. Support for full 24-bit/16M-colors and extended text attributes. Application must support as well.
	Pseudoconsole support is a very powerful feature and brings many of the capabilities presented by Microsoft in so called Windows Terminal to SSH and Telnet. Microsoft is very enthusiastic about Windows Terminal (https://github.com/microsoft/terminal) but at the time of this writing we have to treat our Pseudoconsole support as experimental for reasons explained in user manual.
	Early support – considered experimental (but works well)
	
	Global and Per User.
	GUI Configuration (Global)
	Sets registry key: EnablePseudoconsole 1=enabled, 0=disabled
	Default: Disabled 0
	    HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Services\GS_Tnet\Parameters
	Environment variable (Per User, overrides global setting)
	    gwtn_enable_pseudoconsole, Y=enable, N=disabled

A20148	**GSW UTS (Telnet) and SSH Shield**
	Send Screen Size to 3rd party clients
	GSW UTS sends screen size to 3rd party clients. Supported by modern terminal emulation clients such as GSW ConnectBot and Putty
	
	Global and Per User
	GUI Configuration (Global)
	Sets registry key: EnableSendScreenSizeTo3rdParty 1=enabled,0=disabled
	Default: Enabled 1
	      HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Services\GS_Tnet\Parameters
	Environment variable (Per User, overrides global setting)
	      gwtn_enable_send_screen_size_to_3rd_party, Y=enabled, N=disabled

A20149	**GSW UTS (Telnet) and SSH Shield** Applications can control the Windows cursor size for advanced 3rd party clients Some application control the "cursor size " and is sent to client. Enable via registry setting. HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Services\GS_Tnet\Parameters\Enable3rdPartyCursorSize And can be overridden with environment variable in logon script Enable3rdPartyCursorSize, set gwtn_enable_send_screen_size_to_3rd_party=y
A20150	**GSW UTS (Telnet) and SSH Shield** New environment variable set by UTS to contain installation path of UTS GSW_UTS_ROOT
A20151	**GSW UTS (Telnet) and SSH Shield** New environment variable set by UTS to contain installation path of SSHShield (SSH Server) GSW_SSH_ROOT
A20152	**GSW UTS (Telnet) and SSH Shield** Support for 5000 sessions
A20153	**GSW UTS (Telnet) and SSH Shield** UTS User Manual Updated

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Defect Resolutions:

Version	8.09.0001
Resolution #	**Description - Defect Resolutions**
20038	**GSW UTS SSH Shield** SSH Server would not use the default UTS domain specified by 3rd party clients. This value is under UTS but SSH Shield needs to use it to provide the same behavior as for telnet. **Status**: Fixed

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