

GEUTEBRÜCK

# G-Health

Software Version v3.6.103

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## Feature List

Software	Type	Short description	Detailed description
Important Note	Client Updater		Due to a change in the G-Health digital certificate subject, G-Healthserver v3.6.103 is unable to automatically upgrade clients prior to v3.4.104. Sites with older clients should install G-Health server v3.4.104 first, then wait for all clients to upgrade. The server can be upgraded to later versions once this has completed. Otherwise clients must be manually upgraded.
Important Note	Client	XP Support Limited	The client installer no longer supports installation on windows XP. It is recommended to install GHealthClient v3.4.07 if XP support is required.
New Feature	Web Console	SSL/HTTPS	G-Health now supports HTTPS with SSL certificates. On a fresh install a default self signed certificate will be used. It is recommended that customers obtain a trusted certificate for their server. Existing installations will by default continue with HTTP so as to not break any functionality, however it is strongly recommended that customers switch to HTTPS as this is secure and HTTP support will be discontinued in the future. See attached notes.
New Feature	Web Console	CSV Export Fields	The following fields are now available in the client CSV export: Domain, Hostname, Last Connected & Gcore Upgrade Expiry Date
Bug Fix	Client	Failure Options	The G-Health client service now is now configured to be restarted by windows if it halts unexpectedly due to system error.
Bug Fix	Client	Hostname resolution	Previously when the client was registered to a server using the server's hostname the name would be resolved to the IP address only upon the start of the service. Now if the client is unable to connect to the server it will recheck the IP address in case it has changed.
Bug Fix	Client	Setup Changed Alerts	Previously G-Health was erroneously reporting that the NVR setup was being changed when setting changes were being made to G-View and GscView viewing clients in Profilemanager. These will no longer be reported.

## Implementation of HTTPS in G-Health Server v3.6.103

G-Health v3.6.103 introduces support for HTTPS to encrypt the web console communications.

### Default Setting

On a fresh install of the G-health Server the installer will automatically generate a default self-signed certificate to provide encryption of the communications. Since this certificate will not be known by a customer's web browser, access to the web console will likely display warning messages and require exceptions to be set for the site however the communication will be encrypted and more secure than not implementing HTTPS.

If an upgrade from an earlier version of G-Health is performed then no default certificate will be generated automatically, and the Web Console will continue to run over http and data will be unencrypted. However, we will strongly recommend the use of HTTPS with SSL certificates and encourage all customers to migrate to such a configuration. In the future the support for HTTP will be removed.

To get up and running with HTTPS a default self signed certificate can be generated by running the batch file located in the **Web\server\ssl** folder of the G-Health server install.

The self-signed certificate is an intermediate step to get up and running with encrypted communication but we recommend for better security that one obtains their own SSL Certificate. For intranets this will normally be managed by an organisation's IT department, for an internet accessible web console you should obtain a certificate from a trusted Certificate Authority.

### Custom Certificate

Use of a custom SSL certificate requires a PEM format private key and certificate. These should be named **ghealth.crt** and **ghealth.key** respectively and placed in the '**web\server\ssl**' subfolder of the G-Health Server install location.

The private key should not have a password as this is not currently supported – OpenSSL can be used to remove a password from the key if required.

For further assistance please contact GEUTEBRÜCK Support.

Technical alterations reserved.

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