

GRHANITE Version Release Log

Release Date : 29/05/2009
Current SVN Revision Number : 1511
Current GRHANITE Version : 1.0.3436.19286

Revision 1510 release modifications:

GRHANITE Client

- GRHANITE Hash generation updated to use AIHW nicknames conversion
- GRHANITE_Interface updated to store temporary client ID's in hex format – this avoids issues with ID's that contain a '|' character
- GRHANITE_Interface updated to resolve a fatal issue with client ID's containing a " character
- MD2 data extraction template updated to differentiate between Client ID numbers that differ only in case
- GRHANITE PC Diagnostics updated and simplified – bug that stopped Advanced data transmission fixed.

GRHANITE Server Applications

- Feature added to GRHANITE Databank Manager to allow encrypted files to be decrypted but not imported
- GRHANITE Databank Manager updated to remove undesired duplicate records caused by multiple copies of Client ID's in Consent Server
- GRHANITE Webserver updated to centrally determine destination databanks for profiles
- GRHANITE Databank Cumulative update SQL updated with new databank mappings

Other GRHANITE Modifications

- GRHANITE Client Installer updated to ensure successful Windows 3.1 installer behavior
- GRHANITE Client Installer updated to successfully install the GRHANITE_WORKING SQL database on all occasions

Release Date : 29/04/2009
Current SVN Revision Number : 1458
Current GRHANITE Version : 1.0.3406.22203

Revision 1458 release modifications:

GRHANITE Client

- Bug Fix: Scheduler Service: Service start-up mechanism modified to prevent occasional service start-up time-out.
- Passphrase added to GRHANITE Consent Manager when saving XML profile updates. This is to prevent unanticipated changes being made to the XML definition by users.
- Destination databank name that was formerly determined in a project XML definition has now been deprecated. The destination databank is now recorded in a table on the web server and data routed accordingly
- Bug Fix: GRHANITE Updater Service was not correctly running the GCUUpdaterBatch.bat due to missing quotation marks – issue resolved.
- The log file location of the log generated by of the execution of GCUUpdaterBatch.bat is now determined by the GRHANITE Updater service. This is to ensure log entries are written-back to a folder with full write permissions (primarily a Vista issue).

GRHANITE Server Applications

- CUMULATIVE_WEBSERVER_UPDATES.sql file added to allow us to cumulatively update Web Server and Databank server SQL databases.
- Destination databank name that was formerly determined in a project XML definition has now been deprecated. The destination databank is now recorded in a table on the web server and data routed accordingly.
- The web server messaging has been designed to be backwards-compatible for the above databank issue to allow previous versions of GRHANITE Client to operate
- New features added to GRHANITE Databank manager to allow data sub-folders to be marked and un-marked as requiring importation

Other GRHANITE Modifications

- GRHANITE Client installer has had additional code added to try to ensure the application exits completely on error. Previously, because of the multi-process nature of the installer, not all processes were terminating.
- Bug Fix: A bug in the GRHANITE Updater previously caused Updater to try to stop and re-start GRHANITE services at boot-up the first time the machine is rebooted after a new installation. This has been fixed by setting the registry key GRHANITE_CServer\INSTALLED to '0' on installation rather than '1'. After completing installations using a previous software version, this should be done manually.
- Bug Fix: Installing SQL Server 2005 SP3 on an XP SP2 system was causing a Blue Screen of Death (BSOD) issue. The installer now checks the specific service pack level and installs the same service pack version of SQL Server as the OS.

Release Date : 25/03/2009
Current SVN Revision Number : 1419
Current GRHANITE Version : 1.0.3371.25769

Revision 1419 release modifications:

GRHANITE Client

- Bug Fix: GRHANITE_Interface.exe: If run from the command prompt and no profiles were active, GRHANITE_Interface.exe was hanging due to a socket connection remaining open.
- GRHANITE Interface code refactoring
- Error message reporting pertaining to TCP/IP comms extended in GRHANITE Consent Server
- Batch-processing and BCP processing of new PatientConsent records added – increases performance of this operation 10-fold
- GRHANITE Interface batch processing of records adds an additional 10 -> 15 fold increase in export performance
- Bug Fix: Long email addresses in client profiles were causing Administrator row insertion failure that prevents client authentication – fixed
- Update_GRHANITE_Permissions.exe now killed if running when Updater runs

GRHANITE Server Applications

- USB Creator allows schema.ini files to be part of a setup release.
- USB Creator now allows pre and post-processing batch files to be included in a release even if FullConvert is not utilized.
- Bug Fix: On server installation, the global DataProcessingEnabled flag was not set to TRUE. It now defaults to TRUE
- If duplicate rows are ready for importation into a GRHANITE Databank, the duplicates are removed prior to importation. This helps deal with databases with no referential integrity et-cetera where data is not properly normalized
- Bug Fix: On AES message decryption, if an error occurred the code was not entering the correct handling block – fixed.
- Bug Fix: Hash table importation in Databank Manager updated to support new Hash table format

Other GRHANITE Modifications

- GRHANITE client installer now gives meaningful messages rather than return codes back to the web server if Update_GRHANITE_MD3_Permissions.exe is run at the end of installation.
- GRHANITE client installer now supports the addition of OLEDB schema.ini files allowing us to distribute text file field definitions with a GRHANITE release.
- SQLExpress2005 SP3 now packaged with GRHANITE client installer.
- SQL connection retry capability added to GRHANITE client installer to try to resolve intermittent install problem at some slower PC sites
- Bug Fix: client installer was not exiting cleanly if there was a fatal error during the installation – now uses Environment.Exit(0).

Release Date : 22/01/2008
SVN Revision Number : 1387
GRHANITE Version : 1.0.3309.18691

Revision 1387 release modifications:

GRHANITE Client

- Hash value generation for record linkage has been upgraded to reflect the latest on-going research into hashed record linkage. When data arrives at central databanks, linkage algorithms can now offer similar or better linkage performance to standard probabilistic methods without exposing person identity.
- The central website can now disable or re-enable GRHANITE data processing – for individual sites or for all sites. This does not override client wishes. If an XML profile is disabled by the user, it cannot be enabled centrally.
- Security enhancement: Pre-processing steps such as importing data using Spectral Core Full Convert are now a part of the main interface processing software. This removes a potential security issue with running code through batch files.
- Bug fix: If a data extraction took > 30 minutes and was manually initiated, it would keep re-starting every 30 minutes - resolved.
- Bug fix: GRHANITE now checks for XML definition updates every 40 minutes after startup rather than 40 minutes after initial startup only.
- Bug fix: If a site is set to NEVER run an automated extraction, it was running once regardless. Scheduler now correctly processes the 'NEVER' state.
- Bug fix: If there was an unrecoverable error found by GRHANITE_Updater the system attempted to download in an endless loop. It now only retries at each scheduled update check time.

GRHANITE Server Applications

- Pages added to Web Services Manager to allow the updating and addition of XML profiles at client sites
- Pages added to Web Services Manager to support the enabling and disabling of data extracts for individual sites or for all sites
- Backup and restore of site profiles now backs-up and restores data extraction enabled state (defaults to 'Enabled' for older sites).
- Bug fix: Management console had an error on Vista if a UAC dialog box was cancelled – resolved.
- USB installer now has new warning message with regard to depreciated GRHANITE_Client_Interface_Batch.bat file
- Automated backup facilities added to the main GRHANITE web server.
- 'Unexpected Error' message re-instated into website logging.
- Bug fix: Databank Manager: when importing tables, the table that holds field definitions and index settings was on occasion creating multiple rows per field. Resolved.

Other GRHANITE Modifications

- Bug fix in GRHANITE Client Installer to make utility variables available earlier in the install process to prevent occasional error messages in the installer.

Release Date : 03/12/2008
SVN Revision Number : 1323 (Initial GRHANITE production release)
GRHANITE Version : 1.0.3259.20033