



## PageMate® V3.3-0 Change History

*New builds of PageMate software are provided from time to time to resolve problems or provide minor changes in functionality within a software version. New builds are posted to the Downloads section of the web site ([www.pagemate.com](http://www.pagemate.com)) as they become available.*

*You can find the software version and build for your current installation of PageMate software from Help->About PageMate in the program menubar or from PageMate debug log files. Program build numbers reflect software build date in the form yymmdd (the last two digits of the year, month and day of the build).*

Build	Description of Change
111111	Version 3.3-0 Production Release for Windows.
111226	Builds of PageMate Automated Messenger (PAM) Server for Windows dated on or after 26 December 2011 include support for a new capability to specify the network port that will be used for DCE RPC connections to clients under <code>ncacn_ip_tcp</code> .
120210	Builds of PageMate Automated Messenger (PAM) Server for Windows dated on or after 10 February 2012 include new support for SMPP (Short Message Peer-to-Peer) Protocol.
120324	Builds of PageMate Automated Messenger (PAM) Server for Windows dated on or after 24 March 2012 include updates in both documentation and code for message forwarding. A description of message forwarding functionality for both subscribers and groups is provided in Application Notes provided with this and subsequent builds.
120423	Builds of PageMate Automated Messenger (PAM) Server for Windows dated on or after 23 April 2012 include new support for CCOM protocol, a wireline submission protocol for SMS messages broadcast by Cellcom.
120521	Builds of PageMate Automated Messenger (PAM) Server for Windows dated on or after 21 May 2012 include a fix for catalog lookup code in message send operations in the PageMate Web Client (PamComSrv) interface.
120625	Builds of PageMate Automated Messenger (PAM) Server for Windows dated on or after 25 June 2012 include a fix for problem that could result in failure to qualify message delivery for all members of groups with more than two members.

Build	Description of Change
120706	Builds of PageMate Server for Windows dated on or after 6 July 2012 include improved support for GLOBAL modem SMTP, including both support for GLOBAL mode SMTP in profiles (PAM only), together with fixes for GLOBAL mode SMTP dispatch to groups in both PageMate Classic and PageMate Automated Messenger Servers. This update is recommended for all sites that use GLOBAL mode SMTP in PageMate V3.3-0.
120815	Builds of PageMate Server for Windows dated on or after 15 August 2012 include improvements in program logic responsible for parsing inbound SMTP messages in the PageMate Electronic Mail Connector.
120910	Builds of PageMate Automated Messenger Server for Windows dated on or after 10 September 2012 include corrections and improvements in program logic responsible for processing outbound SMTP messages sourced from inbound SMTP, together with a fix for a problem with evaluation of MESSAGE statements in Qualification Criteria files under action records.
120928	Builds of PageMate Automated Messenger Server for Windows dated on or after 28 September 2012 include a fix for a problem dispatching SMTP messages to group addressees. The symptom of this problem was that delivery was being accomplished only to the first member of the group. This problem is fixed in Build 120928 and later.
121008	Builds of PageMate Automated Messenger Server for Windows dated on or after 8 October 2012 include a fix for a problem with Edit Group functionality in PageMate Administrator. The symptom of this problem was that PageMate Administrator would report an error or terminate abnormally after successfully editing the first and only group in a newly imported single-group catalog. This problem is fixed in Build 121008 and later.
121110	Builds of PageMate Automated Messenger Server for Windows dated on or after 10 November 2012 include new support for network-specific max batch, SMTP message batching, improved detection and reporting of SMTP error returns, and Registry keys QUEUE_SERVICE_INTERVAL, WCTP_2WAY and MTMP_2WAY. Distributions of PageMate Client dated on or after 10 November 2012 also now disable import and export operations when local catalogs are disabled (see CLIENT_CATALOGS Registry key in PageMate User's Guide). For more detailed information about changes in PageMate V3.3-0 Build 121110, see <a href="#">Change History Notes for Build 121110</a> .

Build	Description of Change
121220	<p data-bbox="349 304 1453 367">Builds of PageMate for Windows dated on or after 20 December 2012 include a roll-up of changes for a variety of PageMate configurations as follows:</p> <p data-bbox="349 409 1453 724"><b>PAM Server.</b> Build 121220 includes support in PageMate Administrator Command Line Interface for a new /SORT=NETWORK option in conjunction with /QUEUE=PAGE for EXPORT and PRINT commands. This option supports reporting message history for any arbitrary time period sorted by network. This build also provides changes that improve dispatch of long (240+ character) messages submitted using TAP (Telocator Alphanumeric Protocol) via modem dial-up connection to Sprint. Finally, a cosmetic change in PageMate Client and PageMate Administrator GUI changes the default menubar height for select screen resolutions.</p> <p data-bbox="349 766 1453 1039"><b>PageMate Classic Server.</b> Build 121220 fixes in PageMate Classic Sever a problem that was preventing messages to groups from being delivered to the second and subsequent members of the group. This build also provides changes that improve dispatch of long (240+ character) messages submitted using TAP (Telocator Alphanumeric Protocol) via modem dial-up connection to Sprint. Finally, a cosmetic change in PageMate Client and PageMate Administrator GUI changes the default menubar height for select screen resolutions.</p> <p data-bbox="349 1081 1453 1144"><b>PageMate Client.</b> Build 121220 provides a cosmetic change in PageMate Client GUI that changes the default menubar height for select screen resolutions.</p>
130208	<p data-bbox="349 1207 1453 1417">Builds of PageMate Automated Messenger Server for Windows dated on or after 8 February 2013 include a fix for a problem that can stall execution of PageMate Server indefinitely as it tries to send a message to a group member that has been deleted from the subscriber catalog. This is a critical fix that should be installed by any site that is running any prior build of PAM Server V3.3-0.</p>
130214	<p data-bbox="349 1459 1453 1627">Builds of PageMate Automated Messenger Server for Windows dated on or after 14 February 2013 include a fix for a problem with wildcard lookups of subscriber records. In prior builds of this version, PageMate Server was returning only the first subscriber record in the catalog, rather than any and all records matching the record search criteria.</p>

Build	Description of Change
130220	<p data-bbox="349 304 1453 441">Builds of PageMate Automated Messenger Server for Windows dated on or after 20 February 2013 include a fix in PageMate Administrator GUI for proper display of options for RPC Protocol Type in Windows native GUI dialogs used for add and edit servers and sites</p> <p data-bbox="349 472 1453 934">This build also includes changes in functionality for data validation used in conjunction with add and edit groups in the PageMate Web Connector and COM+ interface. In earlier builds of PAM Server V3.3-0, defects in data validation code could result in corruption of the groups catalog as a result of an attempt to update the groups catalog with invalid or unlisted member names passed via the COM+ interface by site-specific applications. Build 130220 strengthens data validation operations, corrects inadequacies in the code, and provides a new site-specific option to specify how PageMate should handle attempts to add or edit group records that include one or more invalid or unlisted member names. Examples of operations with invalid or unlisted names include attempts to add a new group or edit an existing group to include a blank name or a name that is not the name of either a subscriber or another group.</p> <p data-bbox="349 966 1453 1323">By default, when a site-specific application operating via the COM+ interface attempts to add or update a group catalog record specifying a group member name that is invalid or unlisted, PageMate will ignore the invalid or unlisted name, provide notice to the PamComSrv.log file, and continue processing with names that are valid. At the conclusion of the add or update operation, success status will be returned to the site-specific application if at least one member of the group was added or updated successfully. This might not be the action that a site-specific application would prefer, however, because it could leave the application thinking it has added a member name to a group when the name was, in fact, not added because it failed validation.</p> <p data-bbox="349 1354 1453 1575">In PAM Server V3.3-0 Build 130220 and later, if Registry key FAIL_UNLISTED is provided with value TRUE in the PageMate\Server hive, COM+ programmed operations that attempt add or update operations that fail validation will fail completely and return FAIL status. In this case, the add or update operation will not be performed, and notice of the failure will be provided both in the PamComSrv.log file and in the status returned to the site-specific application.</p>
130225	<p data-bbox="349 1617 1453 1858">Builds of PageMate Automated Messenger Server and PageMate Client for Windows dated on or after 25 February 2013 include new functionality for MOTOTRBO radio users. A new completion status for MTMP messages is now supported to indicate that a message addressed to a MOTOTRBO radio has been received and displayed on the screen of the recipient radio. Additional information about this functionality is provided in Change History Notes for Build 130225.</p>

Build	Description of Change
130406	<p data-bbox="349 304 1453 451">Builds of PageMate Automated Messenger Server for Windows dated on or after 6 April 2013 include support for a new Registry key, SMGP_SERVICE_ID, that can be used to specify ServiceID, an optional parameter for SMGP protocol. SMGP is a proprietary protocol of China Telecom.</p> <p data-bbox="349 472 1453 661">This build also includes changes in the implementation of support for CCOM (Cellcom) protocol to fix problems with posting completion status for SMS messages submitted via CCOM. In earlier builds, some messages that were successfully dispatched were being assigned a completion status indicating that they had failed.</p> <p data-bbox="349 682 1453 829">Builds of PageMate Server for Windows dated on or after 6 April 2013 also implement a new operational constraint that disallows Show Current Queue functionality in PageMate Administrator when debug logging (DEBUG Registry key) is enabled.</p>
130720	<p data-bbox="349 871 1453 1270">Builds of PageMate Automated Messenger Server for Windows dated on or after 20 July 2013 include a change in the way Queue Mutex Timeout works for SNPP messages. In earlier builds, Queue Mutex Timeout for SNPP messages was hard-coded at 5 seconds, while all protocols other than SNPP used the value provided by the QUEUE_MUTEX_TIMEOUT Registry key. In Build 130720 and later, SNPP messages use the value provided via the QUEUE_MUTEX_TIMEOUT Registry key. The QUEUE_MUTEX_TIMEOUT Registry key has a default value of 5 (seconds), but can be set to a site-specific value in the range 3-30 (seconds). Queue Mutex Timeout places a limit on the amount of time the PageMate Queue Server will wait for access to the message queue when submitting a message.</p> <p data-bbox="349 1291 1453 1480">Builds of PageMate Server (both Classic and PAM) dated on or after 20 July 2013 also include a bug fix in code that is responsible for selecting a NIC (based on the specification of Local Port Address in a PageMate network catalog record with socket Connection Type) to be used for an outbound network connection on a PageMate server that has more than one NIC.</p>

Build	Description of Change
131101	<p data-bbox="349 304 1458 483">Builds of PageMate Automated Messenger Server for Windows dated on or after 1 November 2013 include a fix for a problem with the delivery of e-mail messages under profiles. In earlier builds of this program and version, Registry specification of SMTP_GATEWAY was not being honored in code responsible for SMTP message delivery under profiles when EMAIL_SERVICE was LOCAL.</p> <p data-bbox="349 514 1458 651">This build also corrects a problem with processing of inbound SMTP messages in the Electronic Mail Connector. In earlier builds of this program and version, the status parameter in subscriber catalog records was not being honored by the Electronic Mail Connector.</p> <p data-bbox="349 682 1458 829">Build 131101 also corrects a problem with propagation of group catalog records between catalog masters and slaves. In earlier builds of this program and version, a catalog slave could corrupt the group catalog file (on the slave server) during the process of updating a group catalog record.</p> <p data-bbox="349 861 1458 1218">Finally, the PageMate Administrator GUI now displays the message “Function not supported with DEBUG enabled” if a display of the current page message queue (View&gt;Queue&gt;Page) is requested when DEBUG logging is enabled. In earlier builds of this program and version, an empty dialog was displayed, suggesting that there were no messages in the queue when, in fact, the report may have been empty because the Queue Server had refused the request from PageMate Administrator to provide the data. The new message dialog is provided to let you know that no data is being displayed because the Queue Server has refused the request. In the absence of this dialog, an empty report now does, in fact, mean that there are no messages in the queue.</p> <p data-bbox="349 1249 1458 1753">A request from PageMate Administrator GUI to display the current message queue interrupts operation of the queue in proportion to the number of messages in the queue. Because PageMate’s primary responsibility is serving messages from the queue, administrative requests for reporting information take a back seat relative to this responsibility. For this reason, there are several constraints on interactive reporting via PageMate Administrator. One constraint, as described here, is that View&gt;Queue&gt;Page is not supported when DEBUG logging is enabled. Another constraint is that in the absence of DEBUG logging, the Queue Server will honor requests to display or refresh the display of queue information no more frequently than once every 10 seconds. So clicking the “Refresh” button in a View&gt;Queue&gt;Page dialog any more frequently than once every 10 seconds will have no effect. In the absence of requests to refresh the display, a running View&gt;Queue&gt;Page display will be automatically refreshed every 30 seconds.</p>

Build	Description of Change
131201	Builds of PageMate Automated Messenger Server for Windows dated on or after 1 December 2013 include a fix for a problem in the PageMate Web Connector that could prevent a web client from connecting via RPC to a PageMate Automated Messenger Server. This build also changes the default value of WEB_USERNAME from IUSR_<computername> to IUSR, consistent with the change in anonymous account name made by Microsoft beginning with IIS 7.0. In this and all prior builds of PAM Server, a site-specific name for the anonymous web username can be defined via Registry key WEB_USERNAME in the PageMate\Server hive. This build also introduces changes in the website provided with the Web Connector, including new CSS code and support for native mode operation with Internet Explorer 10 and later.
140118	Builds of PageMate Automated Messenger Server for Windows dated on or after 18 January 2014 include a fix for a problem with export/import groups. In earlier builds of this version, the FORWARD record parameter was ignored.

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