



SendQuick Alerter (20150324) Change Logs (Jan 2023):

Version: 20150324-9HF1 (30 Jan 2023)

- Long message out of order issue for MIM platform.
- Change sms_message_status as view instead of table.
- Update PHP files to perform SELECT on sms_message_status only.
- Direct Connection change.
- Minor UI change.
- Minor code clean up.
- Add 5s delay before reset password exit
- Fix SMTP AUTH CRAM-MD5 authentication.
- Adjust modem quota alert from 5% to 20% of the available quota.
- Add modem error 350 handling.
- Bug fixes.
- MIM update.
- Set SSL as default if remote SMTP server support SSL.

*Synced with Entera 20141225-11HF3

Version: 20150324-9 (30 Sep 2022)

- Add POP3 email to SMS feature.
- Add WhatsApp Cloud and WhatsApp IO send template message with attachment
- Change to SendQuick new logo
- Bug fixes for SMTP Auth
- Bug fixes.

*Synced with Entera 20141225-11

Version: 20150324-8HF3 (22 Sep 2022)

- Bug fixes

Version: 20150324-8HF2 (22 Sep 2022)

- New Helpdesk filtering feature.
- Merge changes for Lark
- Merge changes for helpdesk fixes
- Improve spool management.
- Fix resend unsent SMS bug.
- Update to openssl 1.1.1q
- Add WhatsApp (Cloud) MIM feature
- Fix ftp password issue
- Fix missing sftp protocol for sftp auto backup process.
- Minor Bug fixes

*Synced with Entera 20141225-10HF15

Version: 20150324-8HF1 (25 April 2022)

- Fix schedule report error.
- Refine FTP host allow setup. Is no IP is set, will be consistent like HTTP host allow, all remote be allowed.
- Update to email service.
- Fix some remote input data handling

*Synced with Entera 20141225-10HF11

Version: 20150324-8 (19 April 2022)

- Improve modem task support of 4G modem.

- Fix SNMP setup bug
- Merge code for email file transfer.
- New mailHandler plugin attributes. We now have preprocess and postprocess handler. Preprocess will be call before all other process. Postprocess will be called if no other action has been taken.
- Fix long SMS issue

*Synced with Entera 20141225-10HF10

Version: 20150324-7HF2 (21 March 2022)

- FTP host permission
- System improvement
- Update PostgreSQL to 9.6.25
- Update web server
- Update modem task
- Update SNMP task
- Bug fixes

*Synced with Entera 20141225-10HF8

Version: 20150324-7HF1 (4 March 2022)

- Add LineNotify
- Minor UI updates
- Use Cloudflare DNS server: 1.1.1.1 and 1.0.0.1 by default. Previous setup will query public DNS root servers. However, this will make security team hard to manage DNS firewall rules. Now, if they prefer to use sendQuick itself to resolve host, they just need to allow Internet DNS query to these 2 IPs.
- Use chronyd for NTP service. This is faster and does need to open NTP port for external access.
- Add load balancing between sendQuick servers.
- Add SMTP user authentication for email relay.
- New MIM Zalo channel and other updates.
- Added AES256 for SNMP encryption
- Add support GPS clock via serial port.
- Support '&' character for password.
- Fix large mail attachment
- Fix incorrect ssh setting.
- Bug fixes

*Synced with Entera 20141225-10HF7

Version: 20150324-7 (3 Nov 2021)

- New database pool manager.
- MIM Improvement.
- Improve background files clean up process.
- Include missing API files into the patch.
- Improve mail service task.
- Fix sqguest login bug
- Improve Quectel modem support
- Added SAML support.
- Consolidate HTTP headers into web server configuration:
 - Content-Security-Policy: frame-ancestors 'self'
 - Referrer-Policy: strict-origin-when-cross-origin
 - X-XSS-Protection: 1 ; mode=block
 - X-Content-Type-Options: nosniff
 - X-Frame-Options: SAMEORIGIN
- Bug fixes.

*Synced with Entera 20141225-10

Version: 20150324-6HF5 (15 July 2021)

- Improve performance.
- Direct Connection improvement.
- Fix FTP-SMS issues.
- Fix possible long message partial stuck in queue issue
- Date Format setting.
- Bugfixes.

*Synced with Entera 20141225-9HF29

Version: 20150324-6HF4 (11 May 2021)

- Improve mail attachment processing.
- Fixed possible missing CPU stat.
- MIM Updates
- Merged latest changes for MIM
- Fix email SMS by address book bug
- Minor code clean up.
- Improve email filter for Outlook
- Update sudo 1.9.5
- Add support for mail plugin to access the original mail content.
- Fix bug at NMS (group alert)
- Update for Queue log
- Code cleanup for MIM & log
- Set 3G modem of Maestro and SIMCOM to include scanning of 2G network.
- Fix modem SMS mode to use circuit switch by default
- Fix bug at optional network & queue log
- Add phonebook group download
- Addressbook model label fix.
- Fix empty outbox bug
- Other bug fixes.

*Synced with Entera 20141225-9HF28

Version: 20150324-6HF3 (8 Dec 2020)

- Fix mail attachment process
- Support port definition in syslog
- Fix mail handler bugs
- Fix the remote DB permission issue.
- Updates to MIM
- Syslog now support definition of UDP port of syslog server does not listen on standard port.
- Reset admin password from ALT-F3 will set the password to the system serial number instead of common password
- Fix long URL in direct connection module
- Improve MIM MS Teams support
- Update Telegram bot agent
- Add options to allow enabling of deprecated SSL ciphers
- Add HASH option for SNMP service
- Fix incorrect SSL cipher selected when 256 cipher only
- Add RFC5424 for syslog
- Modem task update
- Add option to autoreply from same modem
- Whatsapp DC update
- Fix a small bug at dashboard
- Disable anti-flood measure for SMTP
- Bug fixes

*Synced with Entera 20141225-9HF20

Version: 20150324-6HF2 (14 Aug 2020)

- Enable SMPP.

Version: 20150324-6HF1 (21 July 2020)

- Fixed remote javascript injection bug
- Enable mcrypt module for PHP
- Upgrade to perl 5.30.1
- Add password and login name check
- Fix SMTP connection problem
- Update of SMPP service.
- Add support of Robustel M1200 detection
- Add fix for login failure logging

- Fix missing perl library for report
- Spool Manager improvement
- Fix login password bug if password contain symbols.
- Email to MIM for email that comes with image/pdf attachment. Only for single attachment.
- Add SMS to FTP service
- Disable SNMP v1 and v2
- Fix issue with name not able to create in MIM.
- Dashboard now show SMS throughput chart.
- Message queue update
- Fix performance issue of spool manager.
- The SNMP encryption is set to SHA and AES.
- Add AES 256 support into SNMP service.
- Fix incorrect handling of %2B in URL GET request.
- Refine HTTP header response.
- Fix mail attachment process
- Support port definition in syslog

Version: 20150324-6 (2 March 2020)

- Set ping timestamp response to be zero
 - Report email will use sender email in the optional network configuration.
 - Fix memory leak issue in email module.
 - DB performance update.
 - new message ID format via UUID instead of pulling from DB
 - Improve mail with large attachment.
 - Fix incorrect DB column length problem.
 - Add swapfile tweak.
 - Minor spoolmanager task improvement.
 - Update to postgres 9.6.12
 - Add firewall rules to drop PING timestamp response.
 - Fix case handler from MIM response.
 - Fix no report bug.
 - Improve HTTPS timeout
 - Update report email, now include "Remark" for unsent messages
 - Improve Multitech modem support
 - Bug fixes
 - Fix duplicated SMS in schedule SMS
 - Fix potential SMTP task hanged
 - Remove login locked issue
 - Bug fixes for direct connection module.
 - Updated PHP to latest 7.2.x series
 - Synced all openssl related task to openssl version 1.1.1d
 - Fix SMTP setup script issue.
 - Use redis queue for spool manager. This should reduce DB select load and improve system performance.
 - TLSv1.3 has been enabled by default in this version. TLSv1.2 cipher strength has been set to use GCM type only. For older, less secure cipher, only available in TLSv1.
- Note:
 - This update require basepkg to be installed 1st.

Version: 20150324-5HF6 (23 April 2019)

- Minor code cleanup
- Add OS level tweak for system performance.
- Set SMTP timeout to be 40s

Version: 20150324-5HF5 (09 April 2019)

- Fix incorrect database table index.
- Fix incorrect database table column.

Version: 20150324-5HF4 (03 April 2019)

- Change with msgid generation. Now we use uuid instead of DB access.

- Update of various to include explicit DB close connection when needed
- Fix of secure cookie flag for HTTPS access.
- Disable timestamp in ping response.
- Fine tuning of Email SMS
- Fix some performance issue with DB sync.
- Reduce DB requirement for email service
- Fix incorrect ID for sending long SMS.
- Update postgresql connection timeout to be 1 min.
- Fix incorrect long SMS for sendQuickASP route.
- Fix HA bug, Primary not able to check message in secondary in some situation.
- Improve handling of email with large attachment.
- Improve mail service to reduce excessive CPU load.
- Fix memory leak issue with mail handling task.
- Bug fixes.

Version: 20150324-5HF3 (15 Jan 2019)

- Improvement of DirectConn module
- New mail handler to handle HTML tags
- Added new project configuration to allow remote accessing the project DB.
- SMTP will use SSL cert if enabled with CA file else it will use its own self-signed cert.
- Minor modem task update - updated Robustel modem info display.
- Bug fixes.

Version: 20150324-5HF2 (17 Dec 2018)

- Fix bug in sending UTF8 characters to Direct Connection - SOAP method
- Update SpoolMgr, check mobile number before sending sms. Only allow numbers and plus sign
- Fix dashboard bug
- MIM api update.
- Improve support for Maestro modem M114
- Improve handling of email with HTML content
- Update PostgreSQL 9.6.11
- Update openssl 1.0.2q
- Update openssh 7.9p1
- Fix another spool hang situation.
- Update of FTP-SMS to have priority and label
- Minor bug fixes

Version: 20150324-5HF1 (25 Oct 2018)

- Support new Meastro M114 (U-Blox) modem.
- Improve the DB performance.
- Fix bugs in empty queue function
- Minor update.
- Add timestamp for missing to syslog server.
- Improve Meastro M114 modem support

Version: 20150324-5 (26 Sept 2018)

- Add modem signal info to syslog server
- Update PHP to 5.6.36
- Update PostgreSQL to 9.3.23
- Fix MIM respool problem for long SMS.
- Fix Direct Connection issue of long SMS for non-ASCII content.
- Add new DB resources for remote to check system modem health via DB user smsapp.
- Improve DB by adding more table indexes and foreign key to tables that referencing message_status.
- New Dashboard for better CPU and memory info
- Fix SOAP api
- Improve direct connection and sqoope routing
- MIM include support Microsoft Teams and WebEx Teams.
- Add MIM icons to the address book.
- Add time taken to send SMS in text logs when sent via modem.
- Remove supervisor access to change admin password.

- DB updates to improve performance.
- Fix Direct Connection module incorrect unsent SMS.
- Improve spool manager performance
- Fix incorrect reprocessing of processed SMS.
- Improve installation script to allow the system continue processing the spool while system updating the DB
- Bug fixes.

Version: 20150324-4HF1 (30 May 2018)

- Direct Connection improvement.
- ODBC/JDBC API now allow modem label.
- Add mail size limit and backup mail route.
- Add new "supervisor" account
- Sftp report
- Add new configuration for file system to check to ignore mount timestamp.
- Fix missing language files.
- Remove operator control to reboot/shutdown the system.
- If token is use, the HTTP API will skip the HTTP Allow list.
- Update php to 5.6.34
- Update PostgreSQL to 9.3.22
- Fix message corruption when send long SMS via ASP or direct services.
- New Spool Manager implementation. Now instead of single spool manager that manage all the messages, we have spool management group task to handle various channel: SMS, Sqoope and MIM.
- Update to web UI.
- Update to openssl-1.0.2o
- Update web configuration to avoid potential DDoS attack.
- Lighttpd updated to 1.4.49
- Update spoolagent to support addon project. This will allow spoolagent to be place in the standard project folder.
- Add priority and label in Send Test SMS page
- Enable 3G modem to work in Packet-Switched network.
- Fix missing old sent SMS in the logs.
- Modem task update.
- Fix incorrect removal of '+' character in threshold mobile number list.
- Fix incorrect report page.
- Fix potential message stuck in queue
- Minor improvement and bug fixes
- Change email from text/html to text/plain type.
- SMS unsent due to insufficient quota
- Virtual Modem Route will use "Upon Unsent" if "Normal Queue" failed.
- Improve HTTP/HTTPS proxy implementation
- Bug fixes

Version: 20150324-4 (29 Jan 2018)

- Fix incorrect unsent status when time control is enabled.
- Use completed time for Unsent SMS log.
- Improve modem task.
- Base library update for new kernel. This update is require for next kernel update to resolve Meltdown and Spectre security bug.
- PHP 5.6.33 security update
- Bug fixes.

Version: 20150324-3HF5 (28 Dec 2017)

- Fix incorrect handling of "localhost" in SMTP default gateway.
- Fix error 500 when patch from older version of sendQuick.
- Fix missing retry for Direct Connection configuration.
- Bugfixes.

Version: 20150324-3HF4 (20 Dec 2017)

- Add SMPP feature
- Add support of Maestro 8080 in modem task.
- Add sshd banner configuration via sqguest account.

- Fix incorrect remote IP for JSON/XML/SOAP API.
- Fix HTTP error 500 issue with new perl FCGI implementation.
- Fix incorrect SMS unsent issue.
- Updated OpenSSL 1.0.2n
- Add support to Cinterion Modem.
- Revert to support non-conforming email sender format for email to SMS.
- Bug fixes.

Version: 20150324-3HF3 (29 Nov 2017)

- New icon for 3G and 4G network
- Update latest OpenSSL 1.0.2m
- Syslog system logs to external syslog server
- Fix SMTP service delay bug
- Fix SMTP service hang issue.
- Minor bug fixes and code clean up.
- Fix SMTP incorrect restart issue.
- Fix spool manager task hanged issue.
- Performance improvement for spool manager.
- New HTTP/HTTPS proxy
- Improve SMTP service
- More Performance improvement for spool manager.
- Improved SMS file upload performance.

Version: 20150324-3HF2 (03 Nov 2017)

- Enable Unix syslogd for handling logs for web and OS event.
- New "Remark" column for SMS Unsent to give a brief explanation on why the message failed.
- Improve Telit modem support.
- Support new Maestro MC7304 modem.
- New Perl engine.
- Dropped classic appliance interface.
- Add new password requirement.
- Fix installation bug.
- Minor update on email remark. Now will show mail size.
- Extend the mail retry from 1 day to 3 days.
- Update on Telit modem support
- Bug fixes for mail task.
- Fix missing library for setting up date and time zone configuration.
- Add new modem support Robustel MU709 model.
- improve Multitech modem LE910 model (for US market)
- Improve DB access control.
- API and UI update
- Minor bug fixes.

Version: 20150324-3HF1 (06 Sept 2017)

- Improved mail service
- Explicit set no data mode for robustel modem
- Fix modem task compatible issue with Robustel modem
- bug fixes

Version: 20150324-3 (23 Aug 2017)

- Work around solution for Wireless Sierra 8082 or 8084 modem that still uses firmware that is 7.53.x or older.
- Fix potential message stuck in queue issue.
- Improve download SMS from modem for receiving SMS.
- fix incorrect priority input from HTTP POST.
- Show counter of "Defer Queue" in the Dashboard.
- Incorrect IP/Host configuration for Network Work Monitoring Port check.
- Login page shows a generic "Incorrect user name or password".
- Fix bug UTF8 input for incoming SMS.
- Minor update to modem task for older Wireless Sierra firmware.
- Another bug fix for potential message stuck in queue issue
- New email log and queue interface.

- New "token" variable for HTTP API
- Improve mail service task.
- Update OpenSSL to 1.0.2l and OpenSSH to 7.5p1
- Minor UI updates.
- Fix potential modem lost detection after patch
- Fix possible segfault for modem task.
- Bug fixes for hostname verification (alternative provider link feature)
- Update change Asia/Rangonn to Asia/Yangon in the timezone configuration.
- Minor improvement of the mail service
- fix potential message not sent after time control period
- New MPM feature.
- Bug fixes for 3rd party direct connection.
- New MIM feature.
- Bug fixes for modem task.
- Send audit log to syslog service.
- Bug fixes.

*Synced changes with Entera 64 - 20141225, 2HF29 to 4HF3

Version: 20150324-2HF7 (10 April 2017)

- Improved SMTP Listen to extract content from malformed email.
- Improved mail processing.
- Fix timing control by IMEI.
- Improve time control by IMEI sender matching.
- New mobile allow list by pattern matching.
- Bug fixes.

*Synced changes with Entera 64 - 20141225, 2HF26 to 2HF28

Version: 20150324-2HF6 (20 March 2017)

- Fix sqoope retry bug
- Fix remote execution commands bug
- Add Audit Log
- Add Debug Mode
- Add download of current email log
- Update Openssl 1.0.2k and OpenSSH 7.4p1
- Fix missing support for more than 1 prefix configuration in *Modem Setup* -> *Modem Routing*
- Minor bug fixes
- Improve modem task for 8-ports modem module and Wireless Sierra modem using older firmware. (older than 7.54.x version).
- Add new "Direct Connection" support for 3 party SMS Gateway.
- Improve network monitoring Ping service
- Increase concurrent outgoing email to 10.
- Fix incorrect long SMS mode for UTF8 message in webapp
- Fix incorrect label matching process for email SMS.
- Add support of reading input from URL in HTTP POST mode.

*Synced changes with Entera 64 - 20141225, 2HF16 to 2HF25

Version: 20150324-2HF5 (15 Feb 2017)

- Fix missing ds issue.

Version: 20150324-2HF4 (11 Jan 2017)

- Allow DNS service to be disabled.
- Fix HTTPS only configuration
- Improved HTTPS configuration page. Now support CA file, Cipher and Protocol selection
- Allow email format that sender without domain string.
- Various bug fixes.
- HTTPS service remove unneeded dependencies
- New sqoope status URL configuration.
- Fix change of session ID string compatibility

*Synced changes with Entera 64 - 20141225, 2HF14 to 2HF15

Version: 20150324-2HF3 (13 Dec 2016)

- More fine tune modem task to avoid modem overheating.
- New UI updates including "Resend" option for unsent SMS.
- Minor bug fixes

*Synced changes with Entera 64 - 20141225, 2HF11 to 2HF13

Version: 20150324-2HF2 (28 Oct 2016)

- Many UI improvement to provide better user feedback in patching, set date and time and many more.
- New web shell for remote access.
- Improved internal task health check.
- Update OpenSSL to 1.0.2j
- Fix corrupted long SMS when '[' character is the 1st character in the next part SMS.
- New SMTP Routing configuration. This support outgoing email that require authentication.
- Bug fixes.
- Add check for modem CPU overheat.
- Remove static SSL cipher suite.

*Synced changes with Entera 64 - 20141225, 2HF6 to 2HF10

Version: 20150324-2 (18 Aug 2016)

- Increase mail size support to 15MB
- Updated PHP to 5.6.22
- New UI.
- sendQuick-sqoope ready
- Various UI fixes.
- Fix mail processing error.
- sendQuick-sqoope update.
- Modem task improvement.
- HTTPS and NTP configuration update.
- Bug fixes.

*Synced changes with Entera 64 - 20141225, 1HF39 to 2HF5

Version: 20150324-1HF8 (30 May 2016)

- Increase SMTP concurrency handling.
- Fix incorrect pattern matching for FTP-SMS where line contain "+" in the mobile number field and "," in the message content field.
- Improve modem task on modem detection, proper call hangup for SIMCOM modem and bug fixes.
- Fix handling of 0xA0 unicode character for PHP.
- Fix SQL error.
- Fix Network Monitoring task hanged issue.
- Refine Spool Manager match by email sender From or Domain matching.
- Clean up Spool Manager logging.
- Bug fixes on modem quota update.
- Minor code clean up for modem task.

*Synced changes with Entera 64 - 20141225, 1HF33 to 1HF38

Version: 20150324-1HF7 (18 April 2016)

- Further improvement on modem detection. This should reduce the modem detection within 1 minute under normal situation.
- Fix potential DDOS issue for Email-to-SMS service.
- Improve failure notice email content for unsent SMS.

*Synced changes with Entera 64 - 20141225, 1HF30 to 1HF32

Version: 20150324-1HF6

- Fix lost email SMS alert.
- Updated PHP 5.6.19
- Updated openssh 7.2p2
- Updated openssl 1.0.2g
- Improve overall sending SMS performance.
- Update FTP-SMS to add new format, separate mobile number by ';'.
- Give DB permission for smsapp to access inbox/outbox/queue/unsent and discarded alerts.
- Fix potential mail service out of resource issue.
- More refinement in mail-to-SMS task. This improve performance of email-SMS.
- Some minor tweak in the web UI and bug fixes.
- More improvement on modem exception handling.
- New modem task with new log format:

```
2016-04-06 00:44:51 sms-dev1[06935] IMEI:352561050729560 ("M1-3GSM") RSSI: 14 ; BER: 00 ; 0030 ; 3G
```

In this log entry, the IMEI, operator, signal strength and network type are shown. This simplify checking of modem health status.

*Synced changes with Entera 64 - 20141225, 1HF28 to 1HF29

Version: 20150324-1HF5 (24 March 2016)

- Fix incorrect character handling when upload patch from non-ASCII named directory or path.

*Synced changes with Entera 64 - 20141225, 1HF25 to 1HF27

Version: 20150324-1HF4 (25 Feb 2016)

- Updated ntp to 4.2.8p6
- Updated openssh 7.1p2
- Updated the modem support for Wireless Sierra GL8200 3G modem.
- Update postgresql-9.3.11
- Update libxml2-2.9.3
- Update curl-7.47.1
- Update sqlite-3.10.2
- Update glibc-2.23
- Add HTML tag escape for sender string in message queue page

*Synced changes with Entera 64 - 20141225, 1HF23 to 1HF24

Version: 20150324-1HF2 / 1HF3 (2 Feb 2016)

- More improvement of Wireless Sierra modem support.
- New sqTask engine. This aim to reduce CPU load.
- Fix HTTPS security issue.
- Fix SMTP relay bug.
- Minor system improvement and updates.
- More improvement on the modem task, mainly SIMCOM, Robustel and Wireless Sierra
- Fix incorrect AT command for Maestro modem.
- Fix SMTP listener bug.
- Upgrade PostgreSQL to 9.3.10, security update.
- Improve SIMCOM modem support for receiving SMS.
- Expand the default SMTP gateway to 50 characters.
- Fix incorrect string management for Mail Log.
- Upgrade NTP service to ntp-4.2.8p4
- Harden SSH protocol

- Another update to modem task for Fastrack 3G modem
- curl update to 7.46.0
- Fix SMS-FTP to handle double quote in mobile number field.
- Another fix to resolve potential fastcgi hanged issue.
- Update signal strength display. Based on found document, bad is same as no signal.
- Fix a potential modem incorrectly mark as disable bug.
- Minor feature update to email to SMS
- Fix multi-To fields in the email-SMS bug.
- Improve system admin login dashboard.-
- Update to openssl-1.0.2f
- Update stunnel 5.30
- Update haproxy 1.6.3
- Update PHP to 5.6.17
- Update lighttpd 1.4.39
- Bug fixes.

*Synced changes with Entera 64 - 20141225, 1HF12 to 1HF22

Version: 20150324-1HF1 (3 Sept 2015)

- Fix SSL configuration
- Fix sqguest ssh setup
- Fix potential message stuck in queue indefinitely problem due to power failure.
- Fix blank report, this is due to missing temporary report path
- Fix incorrect handling of UTF character for SMS upload under system admin.
- Fix NTP configuration.
- Fix static SMTP routing bug.
- Add TELIT modem support.
- Improved SMS task for receiving SMS.
- Improved Meastro and Wireless Sierra FX100 3G modem init process.
- Add smssftp in sqguest account for SMS via SFTP.
- Fix incorrect URL link for console login
- Improve Robustel USB modem handling.
- Bug fixes.
- Add support modem label with space. Only work for HTTP API.
- Add multi-label selection for label parameter for HTTP API.
- Fix UTF-8 characters for Network Monitoring.
- Upgrade Openssl 1.0.2d
- Harden web server to disable "Server: " header.
- Harden web server to accept POST and GET only
- Upgrade openssh 7.1p1

*Synced changes with Entera 64 - 20141225, 1HF4 to 1HF11