

# Alaris SMS Platform

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## Release notes

version 3.5.27

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# 1 Enhancements

## General

- The new field *Payment notification protocol (http/https)* has been added for the PayPal payment system in *Contract companies\Payment systems*. The field allows specifying the protocol (http or https) for receiving IPN notifications during payment registration. The default value is *http*.
  - The following error message may appear when changing a legal entity for a carrier whose products are currently used in templates together with this legal entity, if a template is in place that contains the carrier's product and the legal entity: "Cannot change carriers as there are templates with product other contract companies".
  - Previously the display of the System parameter *Server timezone name* was changed from the timezone name (for example, UTC) to the time shift (for example, +00:00). This affected the System functionality, for example, the display of the [TimeZone] marker for rate export or setting correct invoice dates if the partner timezone implied a shift to daylight saving time. The original behavior has been restored.
  - The drag&drop feature has been added for the table rows of the *Custom parameter types* interface, similar to *Email processing rules*. Please note that the changes made by a user will be shown to other users of the System. See also the [Alaris YouTube](#) video.
  - The minimum value of 1 has been added for the group of System parameters *Stats calculation delay, minutes*. Previously the value 0 could be specified which made calculation of Analytics impossible.
  - Previously the System sent a mail receipt notification as per email processing rule only if the rule had the enabled checkbox *Run auto import for attachments*. The issue has been fixed and the dependency from the checkbox has been removed.
  - The new System parameter *User activation period* has been added. It controls removal of users that did not confirm registration in the Wholesale or Campaign Portal, from the internal table (older than N days). See also the [Alaris YouTube](#) video.
  - The NBU access URL (The National Bank of Ukraine) for getting the currency exchange rates has been replaced with <https://bank.gov.ua/NBUStatService/v1/statdirectory/exchange>.
  - Previously user login to the System was displayed as a modification applied to the user. Starting from this version, the operation will not be shown as modification.
  - The marker [UserPhoneNumber] has been added for the *New carrier notification letter* template. It is replaced by the telephone number set during registration at the Campaign or Wholesale Portal.
  - Previously the System setting *Rate change log, days* affected the storage period of voice rate change logs. Starting from the new version, it also influences the storage period of SMS rate change logs.
  - Filtering by multiple comma-separated IP addresses has been added to the *Trace analyzer* interface.
  - The logic for replacing the [Link] marker has been changed as follows when sending an email by the *Password expiry letter* template.
    - 1) If the user is registered under the System owner, the marker is replaced by the value of the System parameter *Login link*.
    - 2) If the user is registered under a System owner's partner, and has the Campaign Portal permission, the value will be taken from the *Campaign Portal URL parameter*.
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3) If conditions 1 or 2 are not applicable, the marker will be replaced with the *Wholesale portal URL parameter*.

### Analytics

- The new System parameter has been added: *Allow list of rates to be calculated in analytics (0 - no, 1 - rate lists, 2 - rate and tax rate lists)*. The default value is 2 (the original logic). The parameter serves to disable calculation of some data when opening the *Analytics* interface, which allows speeding up the interface operation in case of large traffic volumes.

### Buffering rules

- The tooltip has been updated for the *Buffer size* field in terms of the required memory size for 1 mln messages. See also the [Alaris YouTube](#) video.
- The maximum allowed number of symbols for the *Inclusive text pattern* and *Exclusive text pattern* fields has been increased from 512 to 4000 bytes.
- A warning message will be shown when removing a buffering rule. The message explains what will happen to messages in the buffer. Respective tooltips have been added to the *Buffer size* field and *Is active* checkbox.
- As the *Buffering rules* interface is used for traffic buffering, the fields that control buffering have been removed from the SMS POIs interface. If SMS POI records have buffering settings they will be transferred to the *Buffering rules* interface as a new rule with the name by the following template: "Migrated from POI <POIID>". See also the [Alaris YouTube](#) video.

### Carriers

- When the *Is active* flag is disabled for a carrier, the respective flag is disabled for the carrier's SMS channels. The following notification is displayed: "Marking carrier as inactive will disable its SMS channels, stopping the traffic flow and performing unbinds. Please confirm." The notification requires confirmation. When enabling a carrier, its channels are not activated by default, and the following message appears: "Carrier channels will not be enabled automatically, it is required to do that manually for each channel if necessary".
- The *Date format* and *Date time format* fields of the *Users* interface have been removed as they did not affect the functionality.
- An additional verification has been added for the *Hostname* field (*Carriers\SMS channels*). If the domain name specified in the *Hostname* field cannot be resolved, the following error appears: "Invalid host name or IP address".

### EDR masking

- The logic of EDR masking has been reworked and optimized. The SMS\_EDR\_MASKING System task has been removed as masking tasks will be processed as soon as they are created in the *Single run* mode and based on the rule schedules (if the EDR\_MASK\_DISPATCHER task is enabled). To process a long period, the task can be broken down into subtasks to speed up the processing. The optimization is disabled by default. To enable it contact the Alaris technical support team and communicate the code BZ52175. Besides, masking is now supported for the archive EDR table (not available from the web interface by default). Numbers are concealed as follows: the first four digits are available, and the rest are replaced by the asterisk (\*) symbols.
  - The EDR masking interface has been reworked as follows. A standard *Add/Edit* panel has been added for creating a masking rule with the following parameters:
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- *Rule name*
- *Period type*: possible values are: *Last hour, Last day, Last week, Last month*
- *Start date*
- *End date*
- *List of dest. numbers*: comma-separated list of destination numbers
- *Client products*: exclusive/inclusive list of products or all products

It is also possible to configure a schedule for the rule. The central table now contains a list of rules, whereas the bottom table is a list of tasks and their status with additional details: task ID, rule number according to which the task was started, and a list of processed numbers. Now EDR masking rules are also applied to EDRs for messages sent from Alaris Campaign Portal. A Single run can be started if scheduled data clearing is not required. Tasks are started every minute based on the schedule of the System task EDR\_MASK\_DISPATCHER.

### EDR rerating

- Previously parallel processing of auto recalculation tasks was added by way of breaking down a task into subtasks available from the interface (the feature is enabled by default). Starting from the new version, only the task itself will be available, whereas its subtasks will be hidden.
- Parallel processing of manual recalculation tasks has been added with the help of the System parameter *Maximum rerating job count* (0 by default; the original logic with disabled parallel processing). The parameter defines the maximum number of subtasks into which a manual EDR recalculation task can be broken down. The new parameter value only applies to newly created tasks. The task will be broken down into subtasks that are not available from the System interface. Recalculation subtask intervals also depend on the internal System parameter SMS-RERATING-SPLIT-INTERVAL. To change it, contact the Alaris technical support team and communicate the code BZ52841. See also the [Alaris YouTube](#) video.

### Enterprise API

- The update methods (update\_%) now return the ID of the newly created or updated entity.
- Previously the delete\_tag method was used to remove a tag. Starting from the new version, tag deletion by its ID can be done with the help of the delete\_tag\_entry method, whereas the delete\_tag method can be used to delete a tag by its name, direction or type.
- The following methods have been added to Enterprise API for working with the *Short code reference book*:
  - get\_sms\_short\_ref\_list
  - update\_sms\_short\_ref
  - delete\_sms\_short\_ref

To access the method, the user must be registered under the System owner carrier.

- The rate dial\_code has been added to the response for the rate get method get\_raw\_sms\_rate\_list.

### Financial module

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- The new markers [DidTrafficCnt] and [DidTrafficCountry] have been added to display the DID number traffic volume and country. The markers can be used in invoices generated after the option *Enable DID financial cubes calculation* (0 - disable, 1 - enable) has been enabled.
- The DID traffic detail markers are now replaced with a void value if no statistics are available. Also the display of statistics has been modified to show the stats for the entire invoice period. For this reason, the [DidTrafficDay] marker has been removed.
- The marker [CorrSourceRefCode] has been added for the *Credit note* template. It is replaced by the reference number of the invoice which the credit note is designed to correct. In case of multiple invoices, their reference numbers are comma-separated. See also the [Alaris YouTube](#) video.
- The new markers [BankCorrAccounts] and [BankComments] have been added for invoices and invoice detail files. They are replaced with data from the respective fields of the bank account associated with the agreement. See also the [Alaris YouTube](#) video.
- The accounts filter has been added to the *Payments* interface.
- The following markers have been added for the cover letter and traffic detail file:
  - [PreviousBalanceWOexpired]: similar to the marker [PreviousBalance] with no account for payments with the enabled Expiry date value
  - [PreviousBalanceWOexpiredRevSign]: similar to the marker [PreviousBalanceWOexpired] with the reversed sign
  - [PreviousBalanceWOexpiredNum]: similar to the marker [PreviousBalanceWOexpired], but with no currency code
  - [PreviousBalanceWOexpiredNumRevSign]: similar to the marker [PreviousBalanceWOexpiredRevSign], but with no currency code

See also the [Alaris YouTube](#) video.

- Starting from the new version, invoices for which correctional charges are available, will be highlighted in cursive font in the table of invoices.
- The following description of the INV\_FORCE\_STATUS column of the DB invoice.FIN\_INVOICE table has been added:

"Force status bit mask (null - No[Default] 0 - Not disputed 1 - Disputed by user 2 - Dismissed 4 - Bad debt 8 - Disputed by system 16 - Not disputed by user). Field value can be a combination of statuses, example: 10 = 2+8 = dismissed + disputed (auto)".

Thus, the following column values are possible:

- 0 - Not disputed (system)
  - 1 - Disputed (manual) (given that the Force status has not been set)
  - 2 - Dismissed
  - 3 - Dismissed + Disputed (manual)
  - 4 - Bad debt
  - 5 - Bad debt/Forgotten + Disputed (manual)
  - 8 - Disputed (system)
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## Enhancements

- 10 - Dismissed + Disputed (auto)
- 12 - Bad debt/Forgotten + Disputed (auto)
- 16 - Not disputed (manual)
- 18 - Dismissed + Not disputed (manual)
- 20 - Bad debt/Forgotten + Not disputed (manual)

## EDR export

- Possibility has been added to add an exclusive list for the *Sender ID pattern* field by selecting *Exclusive* in the drop-down list. By default the list is set to *Inclusive* (original behaviour). Regular expressions are supported. See also the [Alaris YouTube](#) video.

## Loop detection

- The parameter *Send positive submit\_sm\_resp* has been added for loop detection rules. It is disabled by default. When a loop is detected that matches a rule with the enabled checkbox, the client receives a successful *submit\_sm\_resp*, followed by a delivery report with the UNDELIV status. Please note that the internal EDR status will be written as SMS LOOP.
- The *Sender ID pattern* parameter has been renamed to *Sender ID prefix list*, as the field serves to specify a list or a specific Sender ID name.

## Rate export

- Possibility has been added to send rate notifications in an attachment and link at the same time. To enable this, the functionality of the System parameter *Ratesheet delivery options (1 - attachment, 2 - link)* has been enhanced as follows. The parameter has been renamed to *Ratesheet delivery options (1 - attachment, 2 - link, 3 - attachment and link)*. To enable the new mode, set the value to 3. To include the link in the email body set the [Link] marker in the appropriate template. See also the [Alaris YouTube](#) video.
- The *raw rates chronology analysis* export mode has been removed.
- The following values have been added for the 'changes pending at' export mode:
  - *Standard*: the original logic
  - *Show closest*: the original logic of the setting *Show closest changes*
  - *Show latest*: show the latest rate changes as of the task start date. The change analysis period is limited by the System parameter *Period for show latest changes export option, days*
  - *System default*: the value is taken from the System parameter *Default rate export mode*

The new *Show latest* option may come instrumental if partners were already notified of the rate change effective in the future, whereas another future change has been added to the MCCMNC (for example, change No 1 as of 12/08 and change No 2 as of 12/09), and it is required to export the latest change (because the partners have been already notified of the change No 1). See also the [Alaris YouTube](#) video.

## Rate import

- Starting from this version, the case register is ignored when verifying the *Mail text mask* field. See also the [Alaris YouTube](#) video.
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- The 'i' icons showing the rule creation and modification dates have been added to auto import rules.
- The following new error type has been added: "Rate increased by more than 50%"; it may also appear during manual import.
- The *Analysis* import type has been removed as the full analysis logic has been supported for the *Import* type. The following new columns are available during verification of a parsed file:
  - *Old rate*
  - *Change type* that shows following values: *New, Same, Increase, Decrease, Close*. The column value is highlighted in red for increases and green for decreases
  - *Rate difference*
- Support of date parsing in the type "June 23 2022" has been added (where the full name of the month is used). This is done with the help of the date format Month DD YYYY.
- Now, when the System task BAS\_IMP\_DISP is disabled, processing of auto import emails loaded in the System will be cancelled if such processing has not been started.

## Reference books

- Possibility has been added to set phone number ranges when importing the e.212/e.164 reference book. For this purpose, the new columns *Start of e.164 postfix* and *End of e.164 postfix* have been added. The feature may come instrumental when the reference book file contains separate columns with the country code and a range of numbers included into it, for example:  

```
30 0099999 100000
```

Also, the e.164 column markup is now taken into account. For user convenience, e.164 columns now have an order number, for example: e.164 (1), e.164 (2), e.164 (3). As before, up to three e.164 columns can be indicated. See also the [Alaris YouTube](#) video.
- Previously when setting the *Country list* filter, some EDRs could fail to match the filter because of the verification by country code from the e.212/e.164 reference book. The verification has been removed.
- When modifying the System parameter MCC "Rest of the world", a new MCC is added to the e.212/e.164 reference book if no active MCC with this value was available. Also, after the System update to the new version, the MCC will be added to the reference book if it was not available in it. See also the [Alaris YouTube](#) video.
- As the *Short code reference book editor* and *Short code reference book import* interfaces are involved in MO message routing, they were renamed to *MO routing editor* and *MO routing import* respectively, and moved to the *Routing* section. Also, same-name user permissions have been added to enable access to the interfaces.
- If a user that has no appropriate permissions attempts to edit a record in the *Bank accounts* interface, an editing error will appear. Previously no error message was shown, even though the user could not edit the record.

## Reports

- The *Reports* and *Report schedule* interfaces have been removed as the *Reports 2.0* interface combines their functionality. The *Reports 2.0* interface has been renamed to *Reports*.
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- The *Reports* interface has been significantly reworked. Now reports are executed by way of tasks. This allows for parallel execution of tasks with account for System load, and proceed with report generation even after the web interface timeout is expired (which is 15 minutes). It also allows storing report results for a predefined period and cancel a task directly in the web interface. The interface consists of the following sections:
  - The main panel that serves to select a report and its presets. The controls *New report*, *Edit report*, *Export as SQL script* and *Delete report* have been grouped to a drop-down list next to the report name. Additionally, the *Preset updated by* field has been added that shows the user that was last to save the preset. The schedule is enabled by the *Enable schedule* checkbox that makes available the *Set schedule* settings. The report's dynamic code is executed with the help of the settings that become available if the *Dynamic parameters* checkbox is selected.
  - The panel on the right that contains the export settings. The default value is *Export to interface*. When *Export to file* is selected, the user can select the file extension and configure sending the report results to email. Please note that the following fields have been added for configuring recipient emails: *Mail copy (CC)* and *Mail hidden copy (BCC)*.
  - The bottom panel that shows created tasks (including those completed on schedule) and scheduled reports. The following details are available in the table: *Make report data list* - run the task manually or *Make scheduled report data list* - run a scheduled task; the task status, its details, report history (operations that were performed to the task such as export to file), name of the user that created the task (or name of the user that scheduled the run for tasks of the *Make scheduled report data list* type). The *Report result* column contains links to view the report results in the web interface (*view*) or download as a file (*csv* or *xls/xlsx*). Similar actions are available in the *Action* column (*Export to interface*, *Export to Excel*, *Export to CSV* as well as *Open as "pivot"*). Please note that the report results exported to the web interface is stored for the period of time set in the new System parameter *Report task result storage period, seconds* (172800 seconds by default). The storage time can also be set for a specific report in the edit mode. Additionally, the number of rows displayed in the web interface is limited by the System parameter *Report task results rows* (30000 by default) that can be overridden by a similar parameter of a specific report. The limitation does not affect export to file. If the report results are incomplete, the *Details* column contains the "results truncated" note.

The number of tasks available in the interface is defined by the System parameters *Report task storage period (days to store tasks)* and *Report tasks count to store*. Besides, the following System parameter has been added: *Report tasks count to store (per single report)*. It serves to limit the number of tasks within a specific report. The new parameters have the following default values:

- *Report task storage period (days to store tasks)*: 30
- *Report tasks count to store*: 10000
- *Report tasks count to store (per single report)*: 100

The number of tasks available to the user is defined by the user's permissions. Tasks created by other users will only be available if the user has the following permissions: *View all data* or *View and edit all data (except System owner parent rates)*. Otherwise, the user can access only tasks that the user created. Please note that the list of available tasks is also limited by the report permissions (you can check them when editing a report). For example, if the *Finance* permission is required for access to the report and the user does not have it, the user cannot view tasks for the report.

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**Important:** In case of high System load manual report run will not be performed (and an appropriate warning will be shown). To modify or view the thresholds contact the Alaris technical support team and communicate the code BZ51467. In case of high load emails will be sent in a limited number of threads.

- Previously the *User logon attempts (Administration)* report only showed unsuccessful System logon attempts. Starting from the new version the report shows all attempts. The attempt success is displayed in the *Successful* column. Also, the *Login* column has been added. It shows the user name that was employed to enter the System.
- For better usability, the *Product ID* column has been added to the *SMS rate change log* report.
- It is now possible to send email notifications on scheduled report execution errors to the email specified in the System parameter *Support email*. Please note that messages are only sent if the execution error specified in the parameter *Allowed ORA error codes for report execution* has been reproduced 4 times. See also the [Alaris YouTube](#) video.
- The *Traffic decrease (SMS Alert)* report has been reworked as follows:
  - 1) The *Avg past number of attempts* column has been renamed to *Past number of attempts*
  - 2) The *2 hours ago DLR(T)* column has been removed
  - 3) The *Attempts decrease threshold* filter has been renamed to *Percent decrease threshold*
  - 4) The column *Traffic change, %* has been added that shows traffic change as per *Percent decrease threshold* filter
  - 5) The following filters have been added that allow output of report results only after a respective traffic threshold is reached:
    - *Previous amount threshold*
    - *Current amount threshold*
- The EDR export procedure has been optimized for Oracle SE (for the *EDR export tool* and *Reports* interfaces).

## REST API

- The following payment-related methods have been hidden from REST API:
  - DELETE:payment
  - GET:payment
  - POST:payment
  - PUT:payment

The methods can be accessed through third-party applications (for example, Postman). Also, additional verifications have been added that the user has the appropriate permissions for the following methods:

- PUT:payment: *Register payments from client/Register payments to vendor* based on the payment direction
  - DELETE:payment: *Delete registered client payments/Delete registered vendor payments* based on the payment direction
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- The *Allowed IP-addresses* parameter now affects access to REST API, Enterprise API, Wholesale Portal and Campaign Portal. When attempting to access the System from an IP address that is not allowed, the user is shown the following error message: "Access from IP 10.146.2.226 denied for this user" (for the Portals) or "{\"error\_message\":\"Could not complete request due to error #-20104 please contact administrator for details\"}" (for the API). See also the [Alaris YouTube](#) video.
- Previously when creating an SMS channel through REST API (the *sms\_channel* method), or when registering a Campaign Portal user the *Use optional field for receipt* setting was enabled by default, however the list of TLV fields remained empty. This caused error when editing such channels. To fix the issue, the setting *Use optional field for receipt* will be disabled by default.

### Routing rules

- When setting both *Client product names* and *Client products* to *Inclusive list*, the new checkbox *Use any Client product* becomes available. The checkbox allows handling requests of the client product included either in the product list or product name list, by a single rule. Please note that when the checkbox is enabled and one of the filters is set to *Exclusive list*, the rule is checked as disabled when searching for rules. See also the [Alaris YouTube](#) video.
- Previously the *Routing rules edit* permission (from Alaris inVoice) was required for editing SMS routing rules with the help of the *Replace product* button. The issue has been fixed. Now the correct permission *SMS routing rules edit* is required for the purpose.
- The *not* operator has been added as allowed to syntax verification of a condition or formula. See also the [Alaris YouTube](#) video.
- Previously functionality was added that cleared the lists *Client product names* and *Vendor product names* after the last product included in the list was removed. During update of the System to version 3.5.27, names of non-existing products will be removed from the rules. Also, verification of name search in lists has been improved. Previously, special characters in product names were not taken into account (for example, round brackets).

### Simulation

- The *Expires at* field has been added in the *Advanced* simulation type for setting the parameter *validity\_period*. The new field allows for more accurate tracking that the translation rules are applied correctly, and for monitoring the operation of the channel or System parameter *Block expired messages*. If left blank (default value), the value of the System parameter *Delivery waiting period*, secs is added to the *Time* value set for the simulation, to define the *validity\_period* value. A tooltip has been added for the *Expires at* field. See also the [Alaris YouTube](#) video.
- If a vendor added to routing, has the disabled option *Outbound traffic allowed*, then, during simulation of message sending to vendor, the following record was output to the simulation log: "Vendor ID X - outbound traffic prohibited". Logging has been enhanced to the following format: "Vendor ID X (Product ID Y) - outbound traffic prohibited". This will allow searching the log for the potential rejection reason by the product ID.
- Inactive POIs have been made unavailable in the *Simulation* interface.

### SMS switch

- The optional TLV field *0x0610 - Vendor POI Id* has been added for selection in client channels when the *Use optional field for receipt* checkbox is enabled. It allows sending the POI ID that processed the incoming message.
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- Possibility has been added for the new generation SMS switch to launch a submodule that handles outgoing delivery reports of HTTP MO messages directly through the new generation SMS switch. This allows for more flexible configuration of URLs from the web interface and ensures a higher packet sending capacity. The logic is enabled by default.

For this reason, the MO push URL template and DLR push URL template parameters have been moved to the HTTP callback section (*Carriers\SMS channels*). Also, the following new fields have been added to the section:

- *DLR push HTTP headers, MO push HTTP headers*: HTTP request headers except *Content-type* (which is configured in the internal settings)
- *DLR push POST template/MO push POST template*: HTTP request body for the POST method
- *Callback timeout, sec*: the client response timeout. If not set or set to 0, the value from the System parameter *Default callback timeout, sec* is taken (the default value is 30).

If the *MO push URL template* and *DLR push URL template* have a clear indication of the curl command, the original logic is preserved and HTTP requests are processed by another submodule (and not by the new generation SMS switch). See also the [Alaris YouTube](#) video.

- Possibility has been added to the new generation SMS switch to set the message ID format (for the client) as a sequence of hex 8 symbols, where the first symbol is a unique ID of the SMS switch (possible values are 0-9a-z; the value is static until the module restart), and the other symbols are a monotonically increasing sequence (0-9a-z). To configure the feature contact the Alaris technical support team and communicate the code BZ53407. See also the [Alaris YouTube](#) video.
  - The System allows mapping the *submit\_sm\_resp* and *deliver\_sm* packets, where the message ID for *submit\_sm\_resp* is returned in hexadecimal format and for *deliver\_sm* in decimal format. However if *deliver\_sm* contained leading zeros, no mapping was performed. The logic has been enhanced.
  - The new generation SMS switch can now handle situations when the vendor sends a non-unique *message\_id* in an unsuccessful *submit\_sm\_resp*. Earlier it could cause failure to enter EDRs for such messages to the database as it verifies the uniqueness of EDRs by vendor IDs and the message receipt time in the System. Starting from this version, the *message\_id* value from unsuccessful responses will be ignored. See also the [Alaris YouTube](#) video.
  - By default the *priority\_flag* value in the delivery report for the client is generated by the SMS switch. For this reason, internal parameters have been added that allow either sending the flag value from the vendor or set a static value for specific client channels. To configure the feature contact the Alaris technical support team and communicate the code BZ51101. See also the [Alaris YouTube](#) video.
  - Support of the *\$currency\$* marker has been added for sending the client account currency in the HTTP delivery report. See also the [Alaris YouTube](#) video.
  - Starting from the new version, in the response to the request received as per standard Alaris HTTP API from the client, *Content-type* will be set based on the body format. For example, if the response body is JSON, *Content-type* is "application/json". See also the [Alaris YouTube](#) video.
  - Possibility has been added for the new generation SMS switch to start a submodule for handling incoming HTTP messages with *longMessageMode=split\_id*. The feature is enabled by default and allows the following:
    - the entire text is sent to vendors (earlier only one message part was sent)
    - the client receives one delivery report with a correct entire message ID (earlier it received only the message part ID)
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## Swap deals 2.0

- Possibility of manual traffic unblocking has been added. As soon as traffic is blocked, a block/unblock icon becomes available in the deal's top table.
- The statistics calculation procedure has been enhanced for the middle table of the interface. Previously only daily analytical cubes were taken into account. Now hourly cubes will also be considered (similar to statistics calculation for the *Swap deals* interface).
- Possibility has been added for *Swap deals 2.0* to manually recalculate the deal period. This feature may be instrumental for deals the period of which exceeds the value of the *Max rerating interval* System parameter. Manual recalculation is available if EDRs and daily analytical cubes are available for the period to be recalculated. See also the [Alaris YouTube](#) video.

## Tags

- The following enhancements have been added to the *Tags* reference book:
  - When creating or editing a tag, the user can enter the tag name in the *Tag name* field for quick search from the available values.
  - It is now possible to filter by multiple tags with the help of the button *Filter by multiple tags*.
  - All values for a tag can be removed with the help of the button *Delete tag and its content* (previously only one specific value could be removed at a time).

## Test system

- Previously automatic modification of the *TextIntegrity* routing feature was supported only for the *TestMySMS* test platform. Starting from this version, *TextIntegrity* data will be collected for any test platform. By default the routing feature does not affect routing but can be used as a routing rule condition. The value is updated when the System task SMS\_AUTO\_FEATURES is started. Also the following System parameters are taken into account: *Number of tests to consider for feature generation* and *Period of tests to consider for feature generation*. Besides, the following conditions are required for the test task to be included in calculation of the value:
  - *task status*: completed or failed
  - *delivery status*: DELIVRD or OK
  - *Test ref ID*: must be other than '-'

If all tasks included in the selection have the value 'OK' in the *Text diff* column, the *TextIntegrity* routing feature will have the *Yes* value. Otherwise (if the value of the *Text diff* is *text was changed* or not available), the *TextIntegrity* routing feature will have the *No* value.

- The performance of the *Test system* interface has been increased.
  - Possibility has been added to select the checkbox *Add vendor POI ID* to text message when creating a test task for the *Manual* test platform. Previously the POI ID was added by default. When enabled, the feature allows tracking the vendor through which a specific message was received (when it arrives at the end-user device). It is instrumental in case of a large amount of tests on a specific number with the same text. Also, the *Add vendor POI ID* column has been added to the table of tasks. See also the [Alaris YouTube](#) video.
  - Starting from this version, when a product is selected in the *Test system* interface, the products' active parent rates are also shown. See also the [Alaris YouTube](#) video.
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### Traffic priority rules

- When a rule is disabled, it is now greyed out.
- Priority rule IDs and the priority value (0 - standard, 1 - priority traffic) have been added to the *EDR Extra* field if the rule was applied.

### Translation rules

- Possibility has been added for the *Treat as substitution* parameter to set a substitutable character sequence separated by |. For example, if the *Translation* field contains the following sequence:  
  
DisneyPlus|Twitter|Facebook|Google  
  
and the *Treat as substitution* mode is enabled, the template for the part to be substituted will be "DisneyPlus|Twitter|Facebook" (everything before the last delimiter), and the sequence to be translated will be "Google".
- Possibility to set an inclusive MCCMNC list has been added for the translation type SMPP vendor delivery status:err\_code to system status. Previously the field was uneditable. See also the [Alaris YouTube](#) video.
- The RANDLETTERS(X) function has been added for generation of text or sender IDs that contain only alphabet characters (in the range from a to Z), where X is the string length. See also the [Alaris YouTube](#) video.
- The new System parameter has been added - "*Pure*" sender ID tag search country list (*Comma separated list of destination country MCC, MCC% or MCCMNC*). It allows setting a list of MCCMNCs to change the logic of Sender ID verification in tags. The following logic is now used when a message is received:
  - The Sender ID is translated into the new format by removing non-alpha symbols (for example, special characters and blank spaces). Also, the Sender ID is translated into upper case.
  - The translated Sender ID is used in search of translation rules within the *Post-routing* stage (except Sender ID translations - the original Sender ID is used in the case); the routing rules are applied.

Please note that the vendor rate is searched for by the original Sender ID. Also, the vendor receives the original Sender ID. The feature allows blocking or passing messages to specific routes that have Sender IDs with special characters: for example, the carrier needs to block messages from 'Facebook', whereas the client sends the Sender ID ' Facebook '. See also the [Alaris YouTube](#) video.

### Volume-based deals 2.0

- The *Direction* field type has been changed from multipicker to drop-down list, as a deal can be created for one direction only (client or vendor).
- The old version of the *Volume-based deals* interface has been made read-only; the System job SMS\_VBD\_DISP has been removed. All deals from the interface have been moved to *Volume-based deals 2.0*. See also the [Alaris YouTube](#) video.

### Alaris Campaign Portal

- A timeout has been added that delays closing Campaign Portal product rates created when a user subscribes to a pack. Previously rates could get closed as soon as the pack was used up. In this case SMS could be erroneously rejected due to no rates if they were stored in the buffer.
-

## Enhancements



- Previously the *Rate* column was added to the *Statistics* tab. Now the column can also be included in an exported file.
  - Previously, when a Campaign Portal product rate was closed retrospectively, and a new rate was opened, no synchronization was performed as the dates of the closed rates were not included in the verification. Starting from this version, incremental update will be performed based on the latest rate changes.
-

## 2 Fixed issues

### General

- Incorrect saving of custom parameters has been fixed when changing permissions for the user specified in the *Inherit permissions from* parameter (*Administration\Users* interface). Previously, when permissions were changed for the parent user, the child user permissions were reset.
- If a password was set in the System parameter *Invoice detail Excel password (not used if empty)* to protect invoices from editing, invoices could still be edited.
- A custom parameter of the List of values type that contains an empty list of values could not be edited through the web interface. The limitation has been removed.
- In case of unsuccessful password reset the System did not send emails by the following templates: *Password change error letter* and *Partner portal password change error letter*.
- If payment notifications sent as per *Payment registration notification* template, contained a .png attachment, the email could not be sent. The issue has been fixed.

### Analytics

- If records in the e.212/e.164 reference book contained Unicode symbols in names (for example, network names), *Analytics* layers could contain an incomplete country name. The issue has been fixed.
- When attempting to select a row with a deleted partner, *Analytics* filters are no longer reset.
- Previously a user with the permission *View all client data* but with no permission *View all vendor data* could view all vendor data when exporting EDRs from the *Analytics* interface. Starting from this version, EDR data will only be available if the permission *View all vendor data* is granted.
- The operation mechanism of the virtual private database (VPD) has been reworked for the *Analytics* interface, to fix the following issue. When the System parameter *Calculate analytics total depending on VPD* was enabled, if traffic was received from clients associated with other users' contract companies and sent to vendors of the user's contract companies, such traffic was not available to the user (and it should be available). Starting from the new version, other carriers' partner names will be hidden and displayed as *Restricted partner*.

### Buffering rules

- Incorrect operation of the enabled *Sender ID tag(s) list* has been fixed. Previously, when multiple tags were selected, the rule did not buffer the message even if it matched the parameters.
- Compilation of regular expressions has been made identical in buffering rules and routing rules. Both now use the processing logic of routing rules.

### Carriers

- Verification that the *Product name* value is unique has been removed when creating an HLR product with *Direction=Client*.
- Different sessions of a channel (for example, offline and bound) are now highlighted in different colors.

### EDR export

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- Previously, if the *Products* filter was selected, 'undefined' data could not be included in EDR export.

## EDR rerating

- In rare cases EDR rerating tasks created by the System for volume-based deals, contained incorrect recalculation dates (for example, the start date was later than the end date).
- In rare cases an auto recalculation task could terminate with error "object no longer exists", as EDR archiving was started at the same time, based on the EDR storage period in the active table. In the new version, the auto recalculation task will be restarted as of the moment the recalculation was interrupted.
- In the process of rerating for an HLR product, the rate is not reset to zero if no active rate is available at the moment of recalculation for a preset period.

## Financial module

- Operation of the [ChargeCallCnt] marker has been fixed. Previously it was not replaced if a charge was created as a recurring fee.
- Previously recalculation of a period that included the current billing period, resulted in creation of a recurrent fee invoice for the current billing period, even though the parameter *Create charge at* was set to end of the period. Also, the display of the columns *Next start date/Next end date* has been corrected. Earlier, the charge values of the 'the end of the period' type showed values of the previous billing period.
- When filtering invoices their total count could be displayed incorrectly (which did not affect the actual count) if several consecutive agreements were in place for the invoice. The issue has been fixed.
- Previously, when recalculating the invoice period, the *Result* window could contain incorrect data on the count of found charges. The issue has been fixed.

## Rate editor

- When using the option *Add rate to group*, the MCCMNC was not automatically substituted. The issue has been fixed.
- When rolling back rates, the rollback preview contained all changes, even those beyond the time specified in *Target date/time*. This did not affect the actual rollback though. The preview is now displayed correctly.
- The System did not allow using the filter in *SMS\Rates\Rate editor* if too many Rate notes were specified, as it exceeded the 4,000 symbols limit.
- When changing the sender MCCMNC from a non-empty to an empty value (for products with the enabled option *Use Sender ID MCCMNC based rates*), the change is applied.

## Rate import

- Upper-case symbols were not taken into account by the System setting *Symbols ignored in rate field*. For example, if the rate column contained the value "0.1EUR" and the System setting value was \$€a-zA-Z, 'EUR' was not ignored and a parsing error occurred.
  - The date selection logic has been corrected for the 'increase' type of rates. Previously, when setting the *Effective from cell* parameter for auto import, the rate increase came into effect as of the file receipt date rather than the date set in the parameter. Now the System first looks for the date in the *Effective from cell* field.
-

## Rate compilation

- Verification that the following permissions are available has been enhanced for the *Rate compilation* interface:
  - to edit rates and apply the generated results to SMS rates: the *SMS rate edit* permission must be granted

## Reports

- Earlier, the maximum number of rows displayed in report results in the *Reports* (previously *Reports 2.0*) interface was 40000. The limitation was also applied to export of records. Starting from the new version, the limitation can be configured in the System parameter *Report task results rows* (the default value is 30000). Please note that it is not possible to set an unlimited number of records (that is, set the value to null or leave it empty), as execution of such heavy duty reports puts extra load on the System. The parameter affects the display of results in the web interface; the number of actually exported rows is not limited.
- In case of lost connection to the mail server when sending scheduled report results from the *Reports* (previously *Reports 2.0*) interface, the error will be displayed in the *Details* column (the task status will be set to 'error').
- Values for Multiselect filters are now saved correctly to presets of the *Reports* (previously *Reports 2.0*) interface.
- When saving data to a preset, the values of Advanced multiselect controls were not saved (for example, Client/vendor products). The issue has been fixed for the *Reports* (previously *Reports 2.0*) interface.

## REST API

- In rare cases the REST API module that handles incoming payments could lose connection with the Redis in-memory database and after connection was restored could fail to reconnect to it. The issue caused failure to register a payment.
- The "Cannot read file" error appeared for Oracle SE DBMS when the method GET:cdr\_export was used. The issue has been fixed.

## Simulation

- When simulating an SMS with the Sender ID containing an ASCII symbol (for example, §), the following error appeared: "ORA-29276: transfer timeout".
  - The "transfer timeout" error has been fixed during simulation if the client channel contained Unicode symbols in the channel GUID.
  - If message text contained a line break, the applied translations were not displayed in the bottom table of routes (but were available in the simulation log). The issue has been fixed.
  - Previously when adding a rate to a multitude of networks (for example, the list of networks was over 1 page long) with the help of the *Add all MCCMNCs* button, only MCCMNCs from the opened page were added. The issue has been fixed in the *Simulation* interface.
  - When sending an IM message from the *Send SMS* tab, and if the IM message received from a client contained no im-ttl, the TTL was not sent to the vendor (Viber, for example). Also, the viber message type was not sent to Viber either.
-

- Display of values has been added for translations with the type *Validity period* in the *Applied translations* panel. Previously they were not shown.
- Sorting by the *Margin,%* column has been fixed in the table of routes in the *Simulation* interface.
- The issue of double conversion of the simulation date to the server time zone has been fixed. Because of the error, the *Time* field value was converted to the System timezone, even though *Time* was already indicated with account for the System time zone.

### SMS router

- When an IM Viber message was received and then rejected because no routes were found, the EDR now contains correct details on the client.
- When the value of the *Text pattern* parameter was set to any text (regular expression: *.\**) or left empty, the *Treat as substitution* mode operated incorrectly. The issue has been fixed.
- When an MO message was received whose text could not be translated into the message data coding or data coding 8 (UTF-16) - for example, binary data coding - the NO ROUTES result was returned, even though routes were available. The issue has been fixed.

### SMS switch

- No text for EDRs available in Alaris Campaign Portal was written if the *Send submit\_sm\_resp before routing* setting was enabled for the client SMS channel or the message sent from Alaris Campaign Portal was placed to the buffer.
  - An error has been fixed for HTTP Unicode messages received with *longMessageMode=split* (or *split\_sar*). The error manifested itself if byte-wise text splitting fell on a single symbol. It could result in delay processing other HTTP messages.
  - Calculation of the allowed incoming message limit has been corrected for customers that employ the current generation SMS switch (not the new generation one). The issue manifested itself when the *Stateful concatenated messages processing* option was enabled. Previously the parameter *Client capacity (sms/sec)* was not taken into account correctly, which caused exceeding the limit. The enhancement, however, does not cover concatenation of segments that was not completed before the timeout. In this case messages will be sent immediately, with no limit verification or buffering. This issue is not observed for the new generation SMS switch.
  - The carrier for a message sent from the *Send SMS* tab, was written incorrectly to the EDR. The carrier selected for sending was written, instead of the System owner.
  - If a client SMS channel had only an IM POI, an attempt to send a message from the *Send SMS* tab on behalf of this client caused the error SRC POI NOT FOUND. The issue has been fixed.
  - If during route search a suitable blocking rule was found that blocked a number of routes, it was recorded to EDR as a final rule, even if a suitable regular rule was found after that. The issue has been fixed.
  - If the delivery report contained an UDH followed by any of the fields: *id*, *stat*, *err*, or *done date*, the field was treated as empty even if it contained values. The issue has been fixed.
  - Previously the following situations could occur for vendor channels added to the function of sending parts of a concatenated message in a single submit packet if translations were configured for the concatenated message:
    - In case of an SMPP vendor, no translation was applied to concatenated messages
-

## Fixed issues

- In case of an HTTP vendor, translation was applied to the first message segment, and only the first segment was sent.

## Tags

- Import of tags could not be started if the file contained tag values longer than 20 symbols. The issue has been fixed. Such records will be excluded from import, whereas the remaining records will be successfully added.

## Test system

- Availability of tasks in the bottom table has been fixed. Previously tasks were not available in the web interface if the prefix of the number to be tested did not coincide with the MCCMNC's country code (for example, the number started with 972 whereas the country code for the MCCMNC was specified as 970 in the e.212/e.164 reference book).
- When selecting a specific POI in the POI filter, other POIs of the same vendor product became unavailable in the drop-down list. The issue has been fixed.

## Translation rules

- If the *all channels* checkbox is selected when creating a rule for translation of an error or status code, the rule was not applied. The issue has been fixed.
- Sometimes the *SMS\Routing\Translation rules\Error and status codes* tab sheet did not open because another user deleted the employed error code.

## Volume-based deals and Volume-based deals 2.0

- When removing the MCCMNC from *Volume-based deals 2.0*, the *Volume-based deal* comment no longer remains in the rate and does not affect the calculation of the deal volume for processed traffic.
- When adding a new backdate threshold to the period of a volume-based deal 2.0, the value in the *Threshold* column remained unupdated. The issue has been fixed.
- Previously when removing a deal that had traffic, no auto recalculation task was created, even though rates were also removed from the product. The issue has been fixed.
- When adding a detailed MCCMNC to a period that contained an MCC only, no auto recalculation task was created for a deal in the *Volume-based deals 2.0* interface. The issue has been fixed.
- When removing a deal from the *Volume-based deals* interface, or changing the end date of a deal with a timezone other than the System timezone, the respective rate is removed from the product or its end date is correctly limited.
- Erroneous removal of rates created for a volume-based deal 2.0 has been eliminated. The rates were removed when the *Apply to interval* option was used for several periods containing one and the same set of MCCMNCs.

## Alaris Campaign Portal

- The logic of applying delivery reports to segmented messages has been corrected. Previously situations could occur when delivery reports could not be applied to respective EDRs due to internal logic.
  - Generation of the link ([Link] marker) has been corrected for the new Campaign Portal user greeting email if the user was created manually by the System owner with the help of the *Create Campaign Portal client* button in the *Carriers* interface.
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- Sometimes, when resuming a campaign, emails could not be sent by the template "SMS campaign resuming notification".
  - The following error appeared when closing an SMS pack with the enabled option *Complete removal (rates and charges)*: "cannot update ("INVOICE"."FIN\_CHARGE"."CHARGE\_AMOUNT") to NULL". The issue has been eliminated. Also, the subscription refund logic has been reworked in the *Close with refund* mode. An invoice will be created for the mode with *Direction:Invoice* from partner for the positive refund amount. The invoice is created based on the agreement's billing period.
  - When exporting EDRs from the Portal, the date and time could be specified in the System timezone and not in the user's. Starting from this version, the data will be exported in the time zone of the user's computer.
  - The speed of applying delivery reports to messages sent from Campaign Portal has been increased. Low speed could be observed when the hidden System parameter SMS-CDR\_STATUS\_UPD\_MAX\_ROWS had high values (over 50000).
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## 3 Known issues

### General

- When the user logs out of the System by clicking the *Log out* button and then logs in again, the previously opened tabs are not restored.
- If a mail server has been removed from the *Outgoing email accounts* interface, and the internal queue has unsent messages (for example, due to failed authorization) that were supposed to go through this mail server, new messages sent through existing mail servers may remain in the queue.
- If the password for connection to the email server of the *Outgoing email accounts* interface contains the ' symbol, an error occurs when verifying connection with the server. It is recommended to remove the ' symbol from the password.
- When selecting a region in a carrier filter, some carriers may be available that have a region with an ID that partly matches the region in question (for example, region ID=1 partly matches region ID=11). The issue is observed in multipickers, for example in *EDR export tool*.
- A user with the *Invoicing* permission but with no *Generate client invoice/Register vendor invoice* permissions can recalculate period for an account available to the user if *Direction: All* is selected. The situation is incorrect.
- In the anthracite color scheme, an inactive product is not displayed as such in product lists - for example, in the *Client products* field for routing rules.
- If an email is specified in the field *Email address list to BCC finance-related emails* in the *Contract companies* settings, the address is inserted in the *CC* field instead of *BCC*.
- In some browsers the *Save* button may remain disabled in the *Administration\System parameters* interface if the new value of some parameters is inserted from the clipboard.
- When a contract company is removed, payment system settings for the contract company are preserved on the respective tab.
- No automatic loading of regular expressions occurs when using the *Regular expressions* interface.
- The 'Regular expression too long' error may occur when editing regular expressions, as the maximum regular expression length is 512 bytes.

### Analytics

- When the Telescopic mode is enabled for the Analytics interface, and a year period is opened, the bottom table may show values greater than those in the top table. The situation is incorrect.
  - A blank space at the beginning or end of a country or network name causes 'clearing' of the *Analytics* table when selecting the row with the country or network.
  - When setting a fractional time zone (for example, GMT+3.30) on the user device, an incorrect time shift is observed for the days on which daylight saving time change occurs.
  - When the user opens a weekly cube in *Analytics*, the System suggests opening more detailed cubes (daily and minute cubes), even though they may not exist. However, this behavior is not reproduced for monthly cubes.
  - When exporting EDRs for the *Client product notes* layer, the limitation on the number of exported rows does not work.
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- When exporting a file from the bottom table of the *Analytics* interface for partners with the *Self signed-up* checkbox selected, the file cannot be opened correctly.
- When the user selects a period with the *Edit interval* button, specifies a minute other than the last available one in the *To* field, and applies the filters, *Analytics* is still shown until the last minute. The issue only manifests itself when viewing *Analytics* by minute cubes.

## Carriers

- When new POIs are added to the product that already has prioritized POIs, the new POIs are displayed in the list of priorities, even though they have no priorities and can be selected for routing at random.
- When changing a System parameter - for example, *Default vendor window size*, its new value is shown in the *Carriers* tabs only after restarting the interface.
- If a carrier has two products (product A and product B) of the same type (*SMS*, for example), and the user assigns product B to product A as a parent product, and then assigns a System owner's product as a parent to product B, the parent of product A will be displayed correctly in the main table. However, the *Edit* tab will not display it, which is an error.
- If a product is used in a large number of rules, the following error may occur when removing the product from all routing rules with the help of the button *Delete this product from all routing rules*: "Maximum number of filtering parameters exceeded. Please reduce the number of parameters to filter".

## EDR management

- When getting a long message over HTTP with *longMessageMode=split*, message parts are assigned identical transaction IDs. For this reason, when viewing the parts in the *EDR Export (SMS)* report or the *EDR export tool* interface, the *SMS text* column will contain the full message text (all parts). However, the *Translated text* column will contain the text of a specific part only (which is correct behavior).
- When the sender MCCMNC is modified in rates for products with the enabled option *Use sender MCCMNC-based rates*, no automatic recalculation task is started.
- As records are masked by transaction ID in the *EDR masking* interface, task execution may result in masking data for numbers that were not set in the task but have the same transaction ID with the numbers in the task.

## Financial module

- When exporting the table of payments to MS Excel the *Covered amount* column is not included in the file.
- When changing the billing period from daily to weekly, and then recalculating the invoice period for recurring fees, incorrect rows (additional charges) may be added to the recalculated invoices.
- It is possible to create a recurring fee in *Finance\Recurring fees* and associate it with an expired agreement. This will also allow creating charges.
- If invoice sending to email is enabled on the System level and disabled for a specific partner, the invoice gets the *Sent* status after its automatic confirmation, instead of the *Confirmed* status.

## Number management

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- When removing a partner and its child entities that were specified in the DID reference book, the *Deassign* operation is performed; however this fact is not registered in the history of operations.
- When creating a billing scheme, its currency is not taken into consideration. Instead, the account currency is used.

### Rate editor

- When adding or changing a rate to an MCCMNC the country or network name of which contains Unicode symbols, the following error appears: "Maximum number of filtering parameters exceeded. Please reduce the number of parameters to filter." To avoid the issue it is recommended to rename the country or network in the e.212/e.164 reference book.
- When selecting a rate group and then changing the number of rows per page (for example from 200 to 500), the *Export to Excel* feature will export the previous number of rows (200). To work around the issue, first set the number of rows per page and then select the rate group.
- To insert the cursor to a field, the user can click on the field name as well as the edit box itself. However, for some fields of the *SMS\Rates\Rate editor* interface - such as *rates valid at* and *Net* - clicking on the field name does not insert the cursor in the edit box.

### Rate export

- Parent rates may be exported for a product with the *Rate inheritance mode: longest match at child*, even if overlapping child rates are available. Suppose a child product has a rate for MCC 250 and the parent product has a rate for MCCMNC 250001. While only the rate for 250 should be exported in this mode, the System returns both rates.

### Rate import

- If a group of critical errors occurs during manual rate import in the *Auto* mode, the import task is not interrupted, which is incorrect.
  - If the , symbol is specified at the end of the list of the System parameter *Blocked networks markers*, the System sets the *Rate note* to *Blocked* for all rates during rate import.
  - Previously when assigning the e.212 column, resetting it and re-assigning it, the following error could occur when attempting import: The following columns must be specified: e.212 or MCC and MNC. Also, in this situation MCC and MNC columns could not be assigned. The issue has been partly fixed, but is still observed when restarting an import task.
  - If a rate notification is received where the first sheet in the file is empty (it can be hidden), further file parsing with *Parser:Internal library* shows an empty page and cannot be performed. As a workaround it is recommended to select *Parser:numeric* or remove the empty sheet from the file.
  - An interface error occurs when restarting a rate import task for which the *Effective from cell* was set.
  - Getting auto import emails the *To*, *CC* and *BCC* fields of which exceed 4000 bytes (in total), cause the following error when opening the *Email processing rules* and *Rate import* interfaces: "Please provide your database administrator with this error. ORA-01489: result of string concatenation is too long".
  - The simulation result for email processing rules may be different from the actual result, as when specifying multiple emails in the *To* field during simulation, the rule's field *Mail to/CC/BCC mask* is treated as a mask even if exact match is required. Example: Suppose the *Mail to/CC/BCC* is *alaris.test@gmail.com* which denotes exact match. Suppose a message was received with the following parameters:
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To: alaris.test@gmail.com

CC: new@gmail.com

When searching for a suitable email processing rules, both emails will be merged to the string "alaris.test@gmail.com,new@gmail.com" which does not match the set Mail to/CC/BCC mask and the rule will not be selected. However, based on a simulation rule, the rule is considered suitable, which is incorrect. To avoid such situations, it is recommended specifying the Mail to/CC/BCC mask as a mask, for example:

[%alaris.test@gmail.com%](#)

### Reports

- Client channel status changes were not shown in the *Channel status updates (SMS)* report in case of rebind, if the TCP connection was fully interrupted.
- Translated text is not always displayed correctly (original text is displayed instead) for the *EDR Export (SMS)* report. For example, the situation is observed for MO messages.

### REST API

- When using the REST API method `schedule_sms_sending_from_file` or `bulk_send_sms`, different values for messages can be set in the following parameters only:

from

to

message

When specifying different `im_message` values, only the last value will be used as IM text for all messages of a campaign.

- The REST API method `POST:sms_pack` allows creating an SMS pack without setting its priority, even though the priority field is required in the interface.

### Routing module

- Due to the specifics of information storage by tag, incorrect update of tag values is observed in the routing module if several identical values are available under one tag (with different periods).

### Routing rules

- The *Vendor product* field disappears when changing the rule type from *Block* to *Regular routing*. However, its value is saved in the database which results in incorrect display after the regular routing rule is saved.

### Simulation

- The old value for the *Optional field (TLV)* field is not displayed in the *Applied translations* section.
- The System allows SMS simulation with an empty *Dest. number*. Also, it allows simulating MO message sending with an empty *Sender ID* field. Both situations are incorrect.
- If the applied translation rule contains the "~" symbol in any template or the translation itself, the simulation task is completed with the following error: "The element counts do not coincide."

### SMS switch

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- If the MO message encoding is changed after text translation (for example, Hello is translated into أهلا), the client is sent the original data coding (data\_coding=0 instead of data\_coding=8).
  - The EDR for a message sent from the *Test system* contains the value Vendor IP=N/A. Also, the TON and NPI values are specified as -/-/, even though correct values are sent to the vendor.
  - When getting a long message over HTTP with longMessageMode=split and no routes available, the SMS switch records one EDR instead of one per each message part.
  - If a message is rejected with the internal SMS LOOP status, the respective EDR contains no UDH value even if it was received.
  - If the new generation SMS switch is employed, the current buffer occupancy can be verified both by the new generation and previous generation switches, as currently both switches operate together.
  - The new generation SMS switch records EDRs with the internal status SMS IN BUF OVL for situations when the SMS channel buffer size is not set or is set to 0, and the throughput capacity is exceeded. The correct status for such messages is SMS IN LIM OVL.
  - At least one active session with a vendor is required to replace a status or error code when sending a delivery report to the client on no available routes for sending SMS (including channels with the enabled option *Send submit\_sm\_resp before routing*).
  - EDR export may cause the *Invalid json* error if the list of messages for export contains a status with non-ASCII symbols.
  - In rare cases (for example, if the network connection is unstable) the SMS switch may send packets intended for the old connection to the new connection before it receives a bind packet.
  - The following behavior is observed for the SMS switch. If several switches are installed on different servers, values of the following vendor SMS channel parameters will be multiplied by the number of available switches:
    - *Vendor capacity (sms/sec)*
    - *Vendor window size*
- For example, if the parameter *Vendor capacity (sms/sec)* is set to 200, and two separate new-generation switches are installed in the System and the connection is established from both of them, the allowed channel capacity is 400. If the connection is established from one switch only, the allowed capacity will be 200.
- Error code translation with the asterisk symbol \* as the source code is applied even if translation with a specific code from the source report is available.
  - The new generation SMS switch records statuses of disabled channels.
  - If the new generation SMS switch is used, and multiple IP addresses are specified within a single disabled channel, enquire\_link packets from the IP address specified in the middle of the list will be received by the switch. This behavior is erroneous.
  - In rare cases, when the vendor channel is included in the internal configuration for sending concatenated messages with a single submit\_sm signal, and when the client sends message duplicates in nearly one and the same time (for example, the message consists of two parts and the client sends duplicates for each part), no EDR is written for one of the concatenations.
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- If a client channel has the *Stateful concatenated messages processing* enabled, possibility of rerouting based on the delivery status will be disabled for all segments of the message if at least one of the segments has an unsuccessful delivery status. It means that when *Stateful concatenated messages processing* is enabled, all segments will be sent to one vendor only, even if one of the segments has an unsuccessful status. In cases when a concatenated message could not be processed and segments are handled as separate messages (for example, the timeout for the System parameter *Concatenated messages: All segments submit timeout, sec* has expired and the parameter *Concatenated messages: Reject incomplete messages* is set to 1), rerouting may be performed based on the statuses defined for the vendor channel.

### Swap deals

- Swap deals can be edited even if the user does not have the appropriate permissions.

### Tags

- Tag import for the types *Merge* or *Close all existing records* closes tags only in case of exact match (thus, tags and their values in the file must fully match names and values existing in the System).
- When importing tags of the types *Delete matching records* or *Close matching records* and specifying the tag name only (without the *Tag value* column), existing tag records are not deleted/closed.

### Template manager

- The partner portal greeting letter that is sent after partner activation always contains a link to the Campaign Portal (when enabled), even if the user has no access to it.
- The System allows importing an incorrect template, which can result in error when attempting to create a file (for example, an invoice details file).

### Test system

- Scheduled tests are sent as per preset settings that were used at the first start of the schedule, even if they were changed and saved since.
- Errors may appear in the internal log of the TelQ test platform when sending tests with messages that exceed the length of one segment, in the following modes: *Long message sending: Split (split message into several with UDH)* and *Split SAR (split message into several with SAR header)*. However, the error does not affect the testing.
- The option of sorting columns in the table of tasks in descending or ascending order is available in the *SMS\Test system* interface. However, the sort order is not accessible for selection.

### Volume-based deals and Volume-based deals 2.0

- When applying configured thresholds and rates to a large number of periods (60+) the following error appears: "Maximum number of filtering parameters exceeded". It is recommended to apply thresholds and rates consecutively.
- When attempting to add a period (*Add period* button) for a rate that was previously included in a volume-based deal with the rate start date equal to the deal end date, an error occurred informing of the overlapping of periods. The workaround to the issue is to add a rate with the help of the *Add rate* button.

### Alaris Campaign Portal

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- If the user enters a password in the registration form and such password does not comply with security policies configured in System settings, no error message is shown. However the error message is shown when opening the confirmation link in the email.
- When creating an additional custom field with the type *Date* in Campaign Portal, and when editing contacts manually, the following error appears: "Invalid date format".
- If the number of rejected messages is exceeded, email sending by the following template may fail: "*SMS campaign fail threshold letter*".
- Rates for which a specific dial code is set are not taken into account when sending messages from Alaris Campaign Portal.
- In some cases EDRs can be exported from Alaris Campaign Portal in a timezone other than the user's.
- In some cases the *Sign in* button at the authorization page may be disabled in spite of the data autofill.
- The token expiry date displayed at the *API connections/Tokens* page is shown in the System timezone and not the user's timezone.
- If a user sends messages from a file containing multiple rows with empty values, the System generates a multitude of incorrect EDRs. The System will be enhanced to ignore such rows.
- In rare cases, the Campaign Portal does not reflect current message statuses for concatenated SMS that were sent in the 'split' long message mode.

## Wholesale Portal

- If for some reason a Portal user has the *No restrictions* role, the *EDRs* menu is unavailable for the user. In this case, it is recommended to limit the user's permissions, as the Portal users are recommended to have the *Partner portal* permissions only.
- When changing the password through the Wholesale portal, if the user's login is not an email address, the login is written to the contact details to the *Email* field of the *User profiles* tab.
- The System allows the user to remove an SMS POI from the Wholesale Portal under the following conditions:

1) The System parameter *Wholesale portal access mode* (1 - read/write, 2 - read only) is set to 1

2) The System parameter *Allow Wholesale portal users to edit POI* (1 - yes, 0 - no) is set to 0

To avoid the issue, we recommend setting the parameter *Wholesale portal access mode* to 0.

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## Database structure changes

### 4 Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
BAS_EXT_PARAM_TYPE	RULE_ORDER	created in 3.5.27	NUMBER	22	Y	Rule order
BAS_SIMULATION	SERVICE_TYPE	changed in 3.5.27	VARCHAR2	8	Y	Service type
BAS_USER	USER_DATETIME_FMT	deleted in 3.5.27	VARCHAR2	256	Y	Datetime format
BAS_USER	USER_DATE_FMT	deleted in 3.5.27	VARCHAR2	256	Y	Date format
DCT_CHANGE_TYPE	-- Table --	created in 3.5.27				Dictionary for rate changes
DCT_CHANGE_TYPE	DSC	created in 3.5.27	VARCHAR2	256	Y	description
DCT_CHANGE_TYPE	ID	created in 3.5.27	NUMBER	22	N	id
DCT_CHANGE_TYPE	NAME	created in 3.5.27	VARCHAR2	256	Y	name



**Database structure changes**

Table	Column	Change	Data type	Data length	Nullable	Comments
FIN_INVOICE	INV_FORCE_STATUS	changed in 3.5.27	NUMBER	22	Y	Force status bit mask (null - No[Default] 0 - Not disputed 1 - Disputed by user 2 - Dismissed 4 - Bad debt 8 - Disputed by system 16 - Not disputed by user)
PRV_CONST	-- Table --	created in 3.5.27				System constants
PRV_CONST	CONST_NAME	created in 3.5.27	VARCHAR2	128	N	Constant name
PRV_CONST	CONST_VALUE	created in 3.5.27	VARCHAR2	256	Y	Constant value
PRV_CONST	CONST_VALUE2	created in 3.5.27	VARCHAR2	256	Y	Optional constant value
PRV_CONST	CONST_VALUE3	created in 3.5.27	VARCHAR2	256	Y	Optional constant value
PRV_CONST	DESCRIPTION	created in 3.5.27	VARCHAR2	4000	Y	Constant description
PRV_JOB_THREAD	-- Table --	created in 3.5.27				Thread for workers(running jobs)



**Database structure changes**

Table	Column	Change	Data type	Data length	Nullable	Comments
PRV_JOB_THREAD	CREATE_DATE	created in 3.5.27	DATE	7	Y	Create date
PRV_JOB_THREAD	TASK_NAME	created in 3.5.27	VARCHAR2	256	N	Task name
PRV_JOB_THREAD	TASK_TYPE_ID	created in 3.5.27	NUMBER	22	Y	Task type id
PRV_JOB_THREAD_ERRORS	-- Table --	created in 3.5.27				Errors from threads(running jobs)
PRV_JOB_THREAD_ERRORS	CREATE_DATE	created in 3.5.27	DATE	7	Y	Create date
PRV_JOB_THREAD_ERRORS	ERR_DATE	created in 3.5.27	DATE	7	Y	Error date
PRV_JOB_THREAD_ERRORS	LAST_ERR	created in 3.5.27	VARCHAR2	4000	Y	Last error
PRV_JOB_THREAD_ERRORS	TASK_NAME	created in 3.5.27	VARCHAR2	256	Y	Task name
PRV_JOB_THREAD_ERRORS	TASK_TYPE_ID	created in 3.5.27	NUMBER	22	Y	Task type id



## Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
PRV_SMSC_PARAM	-- Table --	created in 3.5.27				SMSC connection parameters
PRV_SMSC_PARAM	HOST_NAME	created in 3.5.27	VARCHAR2	4000	Y	SMSC host
PRV_SMSC_PARAM	ID	created in 3.5.27	NUMBER	22	N	ID
PRV_SMSC_PARAM	IP_ADDRESS	created in 3.5.27	VARCHAR2	20	Y	SMSC ip address
PRV_SMSC_PARAM	NAME	created in 3.5.27	VARCHAR2	50	N	SMSC name
PRV_SMSC_PARAM	PORT	created in 3.5.27	NUMBER	22	Y	SMSC port
PRV_TASK_TYPE	CRITICAL_THREADS	created in 3.5.27	NUMBER	22	Y	Threads count for critical CL
PRV_TASK_TYPE	DEFAULT_THREADS	created in 3.5.27	NUMBER	22	Y	Default threads count
PRV_TASK_TYPE	TASK_TYPE_NAME_UI	created in 3.5.27	VARCHAR2	128	Y	Task type name for ui
PRV_TASK_TYPE	WARNING_THREADS	created in 3.5.27	NUMBER	22	Y	Threads count for warning CL



**Database structure changes**

Table	Column	Change	Data type	Data length	Nullable	Comments
RAT_GEN_RULE_DEST_TMP	-- Table --	created in 3.5.27				Temporary table for destination matching for rate generation
RAT_GET_MATCH_TMP	-- Table --	deleted in 3.5.27				Temporary table for dial code matching for rate generation
RAT_GET_MATCH_TMP	DST_DIAL_CODE	deleted in 3.5.27	VARCHAR2	16	Y	Vendor dial code
RAT_GET_MATCH_TMP	SRC_DIAL_CODE	deleted in 3.5.27	VARCHAR2	16	Y	Client dial code
RUT_LIM_RULE	LAST_CHECKED_DATE	changed in 3.5.27	DATE	7	Y	Last check date
SMS_BUFFERING_RULES	TEXT_PATTERN_EX	changed in 3.5.27	VARCHAR2	512	Y	Text pattern Exclusive
SMS_BUFFERING_RULES	TEXT_PATTERN_IN	changed in 3.5.27	VARCHAR2	512	Y	Text pattern Inclusive
SMS_CDR	CDR_DST_SERVICE_TYPE	changed in 3.5.27	VARCHAR2	8	Y	Vendor service type



**Database structure changes**

Table	Column	Change	Data type	Data length	Nullable	Comments
SMS_CDR	CDR_SRC_SERVICE_TYPE	changed in 3.5.27	VARCHAR2	8	Y	Client service type
SMS_CDR_ARCHIVE	CDR_DST_SERVICE_TYPE	changed in 3.5.27	VARCHAR2	8	Y	Vendor service type
SMS_CDR_ARCHIVE	CDR_SRC_SERVICE_TYPE	changed in 3.5.27	VARCHAR2	8	Y	Client service type
SMS_CDR_BFRD	CDR_DST_SERVICE_TYPE	changed in 3.5.27	VARCHAR2	8	Y	Vendor service type
SMS_CDR_BFRD	CDR_SRC_SERVICE_TYPE	changed in 3.5.27	VARCHAR2	8	Y	Client service type
SMS_CHANNEL	CHANNEL_TYPE	created in 3.5.27	NUMBER	22	Y	Channel type(null - default, 2 - ss7)
SMS_EXP	-- Table --	created in 3.5.27				SMS export GTT
SMS_EXP	AFTER_RATE	created in 3.5.27	NUMBER	22	Y	rate after date to
SMS_EXP	BEFORE_RATE	created in 3.5.27	NUMBER	22	Y	rate before date from



## Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
SMS_EXP	FROM_RATE	created in 3.5.27	NUMBER	22	Y	rate between date from and to
SMS_EXP	FROM_RD	created in 3.5.27	DATE	7	Y	effective date from
SMS_EXP	NOTE_TEXT	created in 3.5.27	VARCHAR2	1024	Y	note text
SMS_EXP	RATE_COUNTRY_NAME	created in 3.5.27	VARCHAR2	256	Y	country name
SMS_EXP	RATE_DIAL_CODE	created in 3.5.27	VARCHAR2	16	Y	dial code
SMS_EXP	RATE_END_DATE	created in 3.5.27	DATE	7	Y	rate record end date
SMS_EXP	RATE_MCC_MNC	created in 3.5.27	VARCHAR2	6	Y	mcc mnc
SMS_EXP	RATE_NET_NAME	created in 3.5.27	VARCHAR2	256	Y	network name
SMS_EXP	RATE_PARENT_PRODUCT_ID	created in 3.5.27	NUMBER	22	Y	rate parent product id
SMS_EXP	RATE_PRODUCT_ID	created in 3.5.27	NUMBER	22	Y	rate product id



**Database structure changes**

Table	Column	Change	Data type	Data length	Nullable	Comments
SMS_EXP	RATE_SENDER_MCC_MNC	created in 3.5.27	VARCHAR2	6	Y	rate sender mcc mnc
SMS_EXP	RATE_START_DATE	created in 3.5.27	DATE	7	Y	rate record start date
SMS_EXP	TO_RD	created in 3.5.27	DATE	7	Y	effective date to
SMS_EXP_DATA	CDR_DST_SERVICE_TYPE	changed in 3.5.27	VARCHAR2	8	Y	Vendor service type
SMS_EXP_DATA	CDR_SRC_SERVICE_TYPE	changed in 3.5.27	VARCHAR2	8	Y	Client service type
SMS_POI	POI_ACCUMULATION_MODE	deleted in 3.5.27	NUMBER	22	Y	Mode of accumulation sms (0 - disable, 1 - enable)
SMS_POI	POI_BUFFER_SIZE	deleted in 3.5.27	NUMBER	22	Y	Buffer size for accumulation sms
SMS_POI	POI_SERVICE_TYPE	changed in 3.5.27	VARCHAR2	8	Y	POI service type
SMS_POI	POI_SPEED_LIMIT	deleted in 3.5.27	NUMBER	22	Y	Speed limit



**Database structure changes**

Table	Column	Change	Data type	Data length	Nullable	Comments
SMS_POI	POI_TIMEMASK	deleted in 3.5.27	VARCHAR2	168	Y	Timemask
SMS_RULE	RULE_USE_ANY_CLIENT_PRODUCT	created in 3.5.27	VARCHAR2	1	Y	Client product filter mode (1 - OR, 0 - AND)
SMS_TRNSL_ERRCODE	RES_DLV_STATUS	changed in 3.5.27	VARCHAR2	256	Y	Resulting delivery status
SMS_TRNSL_ERRCODE	RES_SMB_RESP_STATUS	changed in 3.5.27	VARCHAR2	256	Y	Resulting submit_sm_resp code
SMS_TRNSL_ERRCODE	RES_SYS_DLV_ERR_CODE	changed in 3.5.27	VARCHAR2	256	Y	Resulting system delivery error code
SMS_TRNSL_ERRCODE	SRC_DLV_STATUS	changed in 3.5.27	VARCHAR2	256	Y	Source delivery status
SMS_TRNSL_ERRCODE	SRC_SYS_DLV_ERR_CODE	changed in 3.5.27	VARCHAR2	256	Y	Source system delivery error code
SMS_TRNSL_ERRCODE	SRC_SYS_SRC_CODE	changed in 3.5.27	VARCHAR2	256	Y	Source system submit_sm_resp code
SWAP_DEAL_PERIOD	BLOCKED	created in 3.5.27	VARCHAR2	1	Y	Blocking traffic flag



**Database structure changes**

Table	Column	Change	Data type	Data length	Nullable	Comments
SWAP_DEAL_PERIOD	IS_FORCE	created in 3.5.27	VARCHAR2	1	Y	Forcing calculation flag
SWAP_GROUP	LAST_CHANGE_DATE	created in 3.5.27	DATE	7	Y	Date of last change



REST API changes

## 5 REST API changes

Resource	Parameter	Change	Description	Auth required	Parameter descr.	Direction	Param. required	Param. type	Param. in	Order index	Validation json
GET:contact	blacklisted	changed in 3.5.27	Get contact list	1	Blacklist flag	0	0	integer	body		
GET:contact	tag_ids	changed in 3.5.27	Get contact list	1	List of tag IDs separated by comma	0	0	string	body		
GET:export_sms_edr	client_message_id	changed in 3.5.27	Export SMS EDR	1	Message ID sent to client	0	0	string	query		
GET:export_sms_edr	code_word	changed in 3.5.27	Export SMS EDR	1	Code word to search in SMS text	0	0	string	query		
GET:export_sms_edr	dnis	changed in 3.5.27	Export SMS EDR	1	B-number	0	0	string	query		



**REST API changes**

Resource	Parameter	Change	Description	Auth required	Parameter descr.	Direction	Param. required	Param. type	Param. in	Order index	Validation json
GET:export_sms_edr	dst_is_successful	changed in 3.5.27	Export SMS EDR	1	Vendor success flag: 1 - successful sms, 0 - not successful	0	0	integer	query		
GET:export_sms_edr	edr_type	changed in 3.5.27	Export SMS EDR	1	Edr type: 1 - MT; 2 - MO (2-way); 3 - Test; 4 - Buffered	0	0	integer	query		
GET:export_sms_edr	end_date	changed in 3.5.27	Export SMS EDR	1	Period end date (if omitted considered as start date + 1 hour)	0	0	string	query		{"type": "datetime"}
GET:export_sms_edr	file_id	changed in 3.5.27	Export SMS EDR	1	File ID, for download use resource /rest/download/{file_id}/{file_name}	1	1	string	body		



**REST API changes**

Resource	Parameter	Change	Description	Auth required	Parameter descr.	Direction	Param. required	Param. type	Param. in	Order index	Validation json
GET:export_sms_edr	file_name	changed in 3.5.27	Export SMS EDR	1	Document file name	1	1	string	body		
GET:export_sms_edr	hide_system_statuses	changed in 3.5.27	Export SMS EDR	1	Hide system statuses (mask with UNDELIV)	0	0	integer	query		{"type": "boolean"}
GET:export_sms_edr	is_last	changed in 3.5.27	Export SMS EDR	1	Flag: 1 - last attempt, 0 not last	0	0	integer	query		
GET:export_sms_edr	mccmnc	changed in 3.5.27	Export SMS EDR	1	MCCMNC	0	0	string	query		
GET:export_sms_edr	op_client_message_id	changed in 3.5.27	Export SMS EDR	1	Comparison operator for client_message_id field. Valid values: ==, !=, >, <, >=, <=, =@, !@, =~, !~.	0	0	string	query		



**REST API changes**

Resource	Parameter	Change	Description	Auth required	Parameter descr.	Direction	Param. required	Param. type	Param. in	Order index	Validation json
GET:export_sms_edr	op_code_word	changed in 3.5.27	Export SMS EDR	1	Comparison operator for code_word field. Valid values: ==, !=, >, <, >=, <=, =@, !@, =~, !~.	0	0	string	query		
GET:export_sms_edr	op_dnis	changed in 3.5.27	Export SMS EDR	1	Comparison operator for dnis field. Valid values: ==, !=, >, <, >=, <=, =@, !@, =~, !~.	0	0	string	query		
GET:export_sms_edr	op_edr_type	changed in 3.5.27	Export SMS EDR	1	Comparison operator for edr_type field. Valid values: ==, !=, >, <, >=, <=, =@, !@, =~, !~.	0	0	string	query		



## REST API changes

Resource	Parameter	Change	Description	Auth required	Parameter descr.	Direction	Param. required	Param. type	Param. in	Order index	Validation json
GET:export_sms_edr	op_mccmnc	changed in 3.5.27	Export SMS EDR	1	Comparison operator for mccmnc field. Valid values: ==, !=, >, <, >=, <=, =@, !@, =~, !~.	0	0	string	query		
GET:export_sms_edr	op_sender_name	changed in 3.5.27	Export SMS EDR	1	Comparison operator for sender_name field. Valid values: ==, !=, >, <, >=, <=, =@, !@, =~, !~.	0	0	string	query		
GET:export_sms_edr	op_status	changed in 3.5.27	Export SMS EDR	1	Comparison operator for status field. Valid values: ==, !=, >, <, >=, <=, =@, !@, =~, !~.	0	0	string	query		



**REST API changes**

Resource	Parameter	Change	Description	Auth required	Parameter descr.	Direction	Param. required	Param. type	Param. in	Order index	Validation json
GET:export_sms_edr	op_vendor_message_id	changed in 3.5.27	Export SMS EDR	1	Comparison operator for vendor_message_id field. Valid values: ==, !=, >, <, >=, <=, =@, !@, =~, !~.	0	0	string	query		
GET:export_sms_edr	sender_name	changed in 3.5.27	Export SMS EDR	1	Sender name	0	0	string	query		
GET:export_sms_edr	show_client	changed in 3.5.27	Export SMS EDR	1	Show client data	0	0	integer	query		{"type":"boolean"}
GET:export_sms_edr	show_vendor	changed in 3.5.27	Export SMS EDR	1	Show vendor data	0	0	integer	query		{"type":"boolean"}



**REST API changes**

Resource	Parameter	Change	Description	Auth required	Parameter descr.	Direction	Param. required	Param. type	Param. in	Order index	Validation json
GET:export_sms_edr	src_is_successful	changed in 3.5.27	Export SMS EDR	1	Client success flag: 1 - successful sms, 0 - not successful	0	0	integer	query		
GET:export_sms_edr	start_date	changed in 3.5.27	Export SMS EDR	1	Period start date	0	1	string	query		{"type": "datetime"}
GET:export_sms_edr	status	changed in 3.5.27	Export SMS EDR	1	Message status	0	0	string	query		
GET:export_sms_edr	task_name	created in 3.5.27	Export SMS EDR (async)	1	Export task name	1	1	string	body		
GET:export_sms_edr	vendor_message_id	changed in 3.5.27	Export SMS EDR	1	Message ID received from vendor	0	0	string	query		
GET:export_sms_edr2	client_message_id	deleted in 3.5.27	Export SMS EDR (async)	1	Message ID sent to client	0	0	string	query		



**REST API changes**

Resource	Parameter	Change	Description	Auth required	Parameter descr.	Direction	Param. required	Param. type	Param. in	Order index	Validation json
GET:export_sms_edr2	code_word	deleted in 3.5.27	Export SMS EDR (async)	1	Code word to search in SMS text	0	0	string	query		
GET:export_sms_edr2	dnis	deleted in 3.5.27	Export SMS EDR (async)	1	B-number	0	0	string	query		
GET:export_sms_edr2	dst_is_successful	deleted in 3.5.27	Export SMS EDR (async)	1	Vendor success flag: 1 - successful sms, 0 - not successful	0	0	integer	query		
GET:export_sms_edr2	edr_type	deleted in 3.5.27	Export SMS EDR (async)	1	Edr type: 1 - MT; 2 - MO (2-way); 3 - Test; 4 - Buffered	0	0	integer	query		
GET:export_sms_edr2	end_date	deleted in 3.5.27	Export SMS EDR (async)	1	Period end date (if omitted considered as start date + 1 hour)	0	0	string	query		{"type": "datetime"}



**REST API changes**

Resource	Parameter	Change	Description	Auth required	Parameter descr.	Direction	Param. required	Param. type	Param. in	Order index	Validation json
GET:export_sms_edr2	is_last	deleted in 3.5.27	Export SMS EDR (async)	1	Flag: 1 - last attempt, 0 not last	0	0	integer	query		
GET:export_sms_edr2	mccmnc	deleted in 3.5.27	Export SMS EDR (async)	1	MCCMNC	0	0	string	query		
GET:export_sms_edr2	op_client_message_id	deleted in 3.5.27	Export SMS EDR (async)	1	Comparison operator for client_message_id field. Valid values: ==, !=, >, <, >=, <=, =@, !@, =~, !~.	0	0	string	query		
GET:export_sms_edr2	op_code_word	deleted in 3.5.27	Export SMS EDR (async)	1	Comparison operator for code_word field. Valid values: ==, !=, >, <, >=, <=, =@, !@, =~, !~.	0	0	string	query		



**REST API changes**

Resource	Parameter	Change	Description	Auth required	Parameter descr.	Direction	Param. required	Param. type	Param. in	Order index	Validation json
GET:export_sms_edr2	op_dnis	deleted in 3.5.27	Export SMS EDR (async)	1	Comparison operator for dnis field. Valid values: ==, !=, >, <, >=, <=, =@, !@, =~, !~.	0	0	string	query		
GET:export_sms_edr2	op_edr_type	deleted in 3.5.27	Export SMS EDR (async)	1	Comparison operator for edr_type field. Valid values: ==, !=, >, <, >=, <=, =@, !@, =~, !~.	0	0	string	query		
GET:export_sms_edr2	op_mccmnc	deleted in 3.5.27	Export SMS EDR (async)	1	Comparison operator for mccmnc field. Valid values: ==, !=, >, <, >=, <=, =@, !@, =~, !~.	0	0	string	query		



## REST API changes

Resource	Parameter	Change	Description	Auth required	Parameter descr.	Direction	Param. required	Param. type	Param . in	Order index	Validation json
GET:export_sms_edr2	op_sender_name	deleted in 3.5.27	Export SMS EDR (async)	1	Comparison operator for sender_name field. Valid values: ==, !=, >, <, >=, <=, =@, !@, =~, !~.	0	0	string	query		
GET:export_sms_edr2	op_status	deleted in 3.5.27	Export SMS EDR (async)	1	Comparison operator for status field. Valid values: ==, !=, >, <, >=, <=, =@, !@, =~, !~.	0	0	string	query		
GET:export_sms_edr2	op_vendor_message_id	deleted in 3.5.27	Export SMS EDR (async)	1	Comparison operator for vendor_message_id field. Valid values: ==, !=, >, <, >=, <=, =@, !@, =~, !~.	0	0	string	query		



**REST API changes**

Resource	Parameter	Change	Description	Auth required	Parameter descr.	Direction	Param. required	Param. type	Param. in	Order index	Validation json
GET:export_smsedr2	sender_name	deleted in 3.5.27	Export SMS EDR (async)	1	Sender name	0	0	string	query		
GET:export_smsedr2	show_client	deleted in 3.5.27	Export SMS EDR (async)	1	Show client data	0	0	integer	query		{"type":"boolean"}
GET:export_smsedr2	show_vendor	deleted in 3.5.27	Export SMS EDR (async)	1	Show vendor data	0	0	integer	query		{"type":"boolean"}
GET:export_smsedr2	src_is_successful	deleted in 3.5.27	Export SMS EDR (async)	1	Client success flag: 1 - successful sms, 0 - not successful	0	0	integer	query		
GET:export_smsedr2	start_date	deleted in 3.5.27	Export SMS EDR (async)	1	Period start date	0	1	string	query		{"type":"datetime"}
GET:export_smsedr2	status	deleted in 3.5.27	Export SMS EDR (async)	1	Message status	0	0	string	query		



**REST API changes**

Resource	Parameter	Change	Description	Auth required	Parameter descr.	Direction	Param. required	Param. type	Param. in	Order index	Validation json
GET:export_sms_edr2	task_name	deleted in 3.5.27	Export SMS EDR (async)	1	Export task name	1	1	string	body		
GET:export_sms_edr2	vendor_message_id	deleted in 3.5.27	Export SMS EDR (async)	1	Message ID received from vendor	0	0	string	query		
GET:export_sms_usage_stats	mcc_mnc	changed in 3.5.27	Get SMS statistics as CSV file	1	MCCMNC	0	0	string	body		
POST:schedule_edr_export	cdr_country	created in 3.5.27	Schedule Voice CDRs or SMS EDRs export task	1	Country	0	0	string	body		
POST:schedule_edr_export	cdr_destination	created in 3.5.27	Schedule Voice CDRs or SMS	1	destination	0	0	string	body		



**REST API changes**

Resource	Parameter	Change	Description	Auth required	Parameter descr.	Direction	Param. required	Param. type	Param. in	Order index	Validation json
			EDRs export task								
POST:schedule_sms_sending_from_file	from	changed in 3.5.27	Send SMS to multiple phone numbers from file	1	From	0	1	string	body		
POST:schedule_sms_sending_from_file	message	changed in 3.5.27	Send SMS to multiple phone numbers from file	1	SMS message	0	0	string	body		
GET:sms_campaign_segment_count	excluded_contact_ids	changed in 3.5.27	Get number of SMS segments in campaign	1	Contact ID list to exclude from campaign	0	0	string	body		



## REST API changes

Resource	Parameter	Change	Description	Auth required	Parameter descr.	Direction	Param. required	Param. type	Param. in	Order index	Validation json
GET:sms_campaign_segment_count	split_mode	changed in 3.5.27	Get number of SMS segments in campaign	1	Long message split mode(cut, payload, split, split_car)	0	0	string	body		
GET:sms_campaign_segment_count	tag_ids	changed in 3.5.27	Get number of SMS segments in campaign	1	List of tag IDs separated by comma	0	1	string	body		
GET:sms_campaign_segment_count	template_content	changed in 3.5.27	Get number of SMS segments in campaign	1	Template content	0	1	string	body		



**REST API changes**

Resource	Parameter	Change	Description	Auth required	Parameter descr.	Direction	Param. required	Param. type	Param. in	Order index	Validation json
PUT:sms_channel/{id}	bind_status	created in 3.5.27	Update specific sms channel	1	Bind status	0	0	integer	body	20	{"type":"list", "values":[0,1,2]}
PUT:sms_channel/{id}	partner_direction	created in 3.5.27	Update specific sms channel	1	Partner direction	0	0	integer	body	20	{"type":"list", "values":[1,2,3]}
PUT:sms_channel/{id}	sigtran_smsc	created in 3.5.27	Update specific sms channel	1	Sigtran SMSC	0	0	integer	body	20	{"type":"list", "values":[0,1]}
GET:sms_poi	accumulation_mode	deleted in 3.5.27	Get sms POI list	1	Mode of accumulation sms (0 - disable, 1 - enable)	1	0	integer	body	8	
GET:sms_poi	buffer_size	deleted in 3.5.27	Get sms POI list	1	Buffer size for accumulation sms	1	0	integer	body	10	



**REST API changes**

Resource	Parameter	Change	Description	Auth required	Parameter descr.	Direction	Param. required	Param. type	Param. in	Order index	Validation json
GET:sms_poi	speed_limit	deleted in 3.5.27	Get sms POI list	1	Speed limit	1	0	integer	body	11	
GET:sms_poi	timemask	deleted in 3.5.27	Get sms POI list	1	Timemask	1	0	string	body	9	
POST:sms_poi	accumulation_mode	deleted in 3.5.27	Create new sms POI	1	Mode of accumulation sms (0 - disable, 1 - enable)	0	0	integer	body		{"type":"list", "values":[0,1]}
POST:sms_poi	buffer_size	deleted in 3.5.27	Create new sms POI	1	Buffer size for accumulation sms	0	0	integer	body		{"type":"number", "min":0}
POST:sms_poi	speed_limit	deleted in 3.5.27	Create new sms POI	1	Speed limit	0	0	integer	body		{"type":"number", "min":0}
POST:sms_poi	timemask	deleted in 3.5.27	Create new sms POI	1	Timemask	0	0	string	body		{"type":"string", "regex":"[01]{168}"}



## REST API changes

Resource	Parameter	Change	Description	Auth required	Parameter descr.	Direction	Param. required	Param. type	Param. in	Order index	Validation json
GET:sms_poi/{id}	accumulation_mode	deleted in 3.5.27	Get specific sms POI	1	Mode of accumulation sms (0 - disable, 1 - enable)	1	0	integer	body		
GET:sms_poi/{id}	buffer_size	deleted in 3.5.27	Get specific sms POI	1	Buffer size for accumulation sms	1	0	integer	body		
GET:sms_poi/{id}	speed_limit	deleted in 3.5.27	Get specific sms POI	1	Speed limit	1	0	integer	body		
GET:sms_poi/{id}	timemask	deleted in 3.5.27	Get specific sms POI	1	Timemask	1	0	string	body		
PUT:sms_poi/{id}	accumulation_mode	deleted in 3.5.27	Update specific sms POI	1	Mode of accumulation sms (0 - disable, 1 - enable)	0	0	integer	body		{"type":"list", "values":[0,1]}
PUT:sms_poi/{id}	buffer_size	deleted in 3.5.27	Update specific sms POI	1	Buffer size for accumulation sms	0	0	integer	body		{"type":"number", "min":0}



**REST API changes**

Resource	Parameter	Change	Description	Auth required	Parameter descr.	Direction	Param. required	Param. type	Param. in	Order index	Validation json
PUT:sms_poi/{id}	speed_limit	deleted in 3.5.27	Update specific sms POI	1	Speed limit	0	0	integer	body		{"type":"number", "min":0}
PUT:sms_poi/{id}	timemask	deleted in 3.5.27	Update specific sms POI	1	Timemask	0	0	string	body		{"type":"string", "regex":"[01]{168}"}
GET:sms_usage_stats	mcc_mnc	changed in 3.5.27	Get SMS statistics	1	MCCMNC	0	0	string	body		
POST:user	set_default_roles	changed in 3.5.27	Add new user	1	Set default portal roles (1 - yes, 0 - no)	0	0	integer	body		
GET:voice_rate_export	override_effective_date	changed in 3.5.27	Voice rates export	1	Override effective date (0 - no, 1 yes)	0	0	string	body		