

Alaris SMS Platform

Release notes

version 3.8.0

Copyright © 2005 - 2026 Alarislabs Pte Ltd.
All rights reserved.

The information contained in this document is the property of Alarislabs Pte Ltd. No part of this publication may be reproduced or copied in any form or by any means - graphic, electronic or mechanical including photocopying, recording, taping, or any other information storage and retrieval System - without written consent of Alarislabs Pte Ltd. No third party, organization or individual, is authorized to grant such permission.

The information provided in these Release Notes is for general information purposes only. While we strive to ensure accuracy and completeness, the contents may not reflect the most current updates or include all recent changes. Features, fixes, and improvements are subject to modification without notice. For the most up-to-date and comprehensive information, please contact the Alaris technical support team.

1 Enhancements

General

- The new Partner Portal has been implemented. This is a new generation of the Wholesale Portal that serves for viewing and uploading statistics, financial documents, adding and monitoring Points of Interconnection (POIs), including the POI state. Starting with this version, the domain name for the Wholesale Portal will be automatically redirected to the new Partner Portal. The Partner Portal also enables the following new functionality:
 - EDR export with more finetuned filters
 - RCS statistics viewing
 - account statistics viewing
 - improved balance top-up tips
 - more flexible toggling of menu items and columns
 - easy customization
 - support for new payment systems, as well as displaying only configured payment systems for users
- The new text-to-speech service has been implemented, which allows converting texts of incoming messages (over SMPP or HTTP) to voice calls. A voice platform or softswitch is required for proper transfer of voice calls (alternatively, it can be a single voice route/vendor). If the System owner has both Alaris SMS Platform and Alaris inVoice solutions, calls can be terminated to the Alaris inVoice platform. Note that the service is optional and not installed by default, and must be approved by the Alaris Labs account manager. For its configuration, contact the Alaris support team and communicate the code STS-1111.
- The *Campaign Portal user administration* permission has been renamed to *Portals user administration* as it affects all portals.
- The *Receive balance/credit alerts* field (similar to the System parameter *Credit and balance alarms default email (null - do not use it)*) has been added to the *Contract companies* reference book. Possible values include:
 - *All carriers* - send balance and credit alarms on all partners of the contract company.
 - *Inclusive list* - send notifications for specific partners belonging to the contract company.
 - *Exclusive list* - send notifications on partners belonging to the contract company, except for the specified ones.
 - *Do not receive* - do not send notifications on balances and credit limits for partners of this contract company.

If a value other than *Do not receive* is selected, the *Email address list* field becomes available for specifying the list of addresses (comma separated) to which notifications will be sent additionally (in the *BCC* field) (if the corresponding threshold has been exceeded).

The new field is independent of the *Send balance alerts* flag of the account - for example, if the flag is enabled for a partner, but this partner is in the exclusive list at the contract company level, notifications will not be sent to the list of addresses from the respective contract company.

- An extra "Are you sure?" confirmation has been added whenever the user modifies rules in any of these interfaces: *Buffering rules*, *Routing rules*, *Limitation rules*, *Traffic priority rules*, *Translation rules*. The additional confirmation is enabled by the new System parameter *Request explicit confirmation when changing routing-related entities* (0 - no, 1 - yes).
- In the *Custom parameter types* interface, the new *Default value* field has been added for the *List of values* field type.
- Possibility has been added to update tables of the open interface (when the mouse cursor hovers over a table) using hotkeys Ctrl+Alt+R.
- Errors from the internal *prv_debug* table (*System log (Administration)* report) are no longer sent to the email specified in the System parameter *Support email* to reduce the amount of email messages.
- It has been made impossible to assign a parent product for custom type products because such products are not used in routing.
- The System parameter *Client Portal default in billing period* has been renamed to *Partner and Campaign portal default in billing period* as it affects both portals.

Analytics

- Financial data (for example, profit, HLR cost or rates) will not be hidden for *Restricted partner* records in the new version.
- The System parameter *Highlight swap deals in stats* (0 - no, 1 - yes) (the default value is 0) has been added to highlight the traffic matching the available swap deals.
- The following permissions have been added to the *SMS analytics* user permissions block for more granular access control to analytical layers:
 - *View auxiliary metrics*: controls availability of the *Global Region* and *Message type* layers
 - *View HLR based metrics*: controls availability of the *HLR response code* and *HLR provider* layers
 - *View manager based metrics*: controls availability of the *Client agreement manager*, *Client manager*, *Vendor agreement manager*, *Vendor manager*, and *Global Region Manager* layers
 - *View MCCMNC based metrics*: controls availability of the *MCC*, *MNC*, *MCCMNC*, *Country*, and *Net* layers
 - *View sender ID based metrics*: controls availability of the *Client sender ID* and *Vendor sender ID* layers
- The *Routing rule* layer has been made available only to users with the *SMS routing rules view* permission.

Billing/Financial

- An attempt to delete an agreement for which at least one recurring fee has been created will now result in error.
- The ability to recalculate an invoice billing period for multiple accounts simultaneously has been implemented.

EDR export

- The translated validity period is now recorded as the *translatedValidityPeriod* value in the *Extra* field.
-

Enhancements

- The *UDH* column has been renamed to *Vendor UDH* as it displays vendor information. Also the *Client UDH* column has been added for the client side.
- Details on applied translation rules for the *Validity period* entity are now written to EDRs (*Validity period translation rule ID* field).

Carriers

- For the *Set POI routing priorities* window (*Change POI routing priorities*), the *Is active* column has been added to display the POI activity for better visibility, since inactive POIs will not participate in routing later.
- The System now prevents deletion of an active POI or changing its service type set to MO if MO routing is enabled for the corresponding carrier in the *MO routing editor* interface.
- The new parameter *No. of incoming connections* has been added to limit the number of established connections at the client channel level (unlimited by default). If a limitation is set and the number of sessions is exceeded, the SMS switch responds with the error ESME_RALYBND (status=5). The field is hidden if the *Send bind to client side* flag is enabled, as it implies a single connection. Also, the *No. of connections* parameter has been renamed to *No. of outgoing connections*. The allowed values for both parameters are from 1 to 100 (the previously set value of 0 will be changed to 1).
- The fields *Subjective estimation* and *Credibility* along with the corresponding column have been removed from the *Carriers* interface as they are out of use.
- The *Port* field in SMS channels is now mandatory if one of the conditions is met:
 1. *Partner direction* = *Vendor* or *Client/Vendor*.
 2. *Partner direction* = *Client*, *Bind type* is other than *Auto*, and the setting *Send bind to client side* is enabled.

Enterprise API

- The *update_payment* method has been added to Enterprise API for adding and editing payments.
- The *update_invoice_confirmation* method has been implemented that serves to add or remove confirmation of invoices.

Limitation rules

- The *MCCMNC mask*, *Country*, and *Net* columns now support filtering.
- The drop-down list *Calculate stats by* has been added to determine the way statistics is calculated (in an aggregated way or by specific parameter values): *Product + MCCMNC*, *MCCMNC*, *Product*, *Total*. Based on the field value, the *MCCMNC list* and *Products* fields can take single or multiple values. For example, if *Product + MCCMNC* is selected, only a specific product and MCCMNC can be specified, and the statistics will be collected for this pair. If *Total* is specified, the statistics will be aggregated.

Loop detection

- Security policies (Oracle VPD) have been added with respect to data visibility and editing for the *Loop detection* interface.

Number management

- The *Is active* flag has been added when creating and editing a billing scheme. Inactive records will be grayed out and cannot be selected when creating a new number. It is possible to edit schemes that are not assigned to a number in the *Assigned* status. Inactive records will be placed at the end of the list in filters.
- The ability to move numbers from the *Closed* to *Available* status using the new *Make available* action has been added. The change type for this action will be displayed as *Reopened*. Additionally, a *Show closed* flag has been added to the *Numbers* tab.
- Possibility to export data to CSV has been added to the *History* tab.

RCS proxy

- A separate *Edit bots* permission has been added, and the permission *Manage Bots* has been renamed to *View bots*. It only affects the availability of the *Bots* tab and the viewing of information on it (also according to the permissions in the *View/edit permissions* section).
- The *Block unbillable message types* flag has been added to the *Bots* interface. If selected, messages with types for which no rates are set will be blocked. Note that if the flag is enabled, the *Default* price is not checked - thus, the price for a specific type must be set. The functionality works only for the new generation RCS proxy (RCS proxy 2).
- The following providers are hidden (as their API is deprecated): *Orange Group*, *Telefonica*, *Telefonica v2*, *Summit*. The name of *Telefonica v3* has been changed to *Telefonica*.
- The *Host IP* layer has been added for RCS analytics. The corresponding field can now also be exported from the EDR export tool interface. The functionality works only for the new generation RCS proxy (RCS proxy 2).
- The *Bot blocking options* section (*Bots* interface) has been added to allow disabling a bot when it is unavailable. When the *Enable bot blocking* flag is enabled, the following options become available:
 - *Error limit*: number of errors (of the 5xx type - for example, 500, 501 etc.) and non-responses (total counter) when sending to Webhook URL. When exceeded, the flag *Is active* is deselected. Once the flag is deselected, the error/non-response counter is reset. The minimum value is 1 and the maximum value is 1000
 - *Period type*: period for error/non-response statistics (possible values: *Minute*, *Hour*, *Day*)
 - *Period length*: the length of the period for error/non-response statistics collection. Minimum value is 1, maximum value is 1000
 - *Send alerts to*: optional list of addresses (separated by commas) to send notifications when the bot is deactivated
 - *Send alerts to account manager*: flag to send notifications to the account manager when the bot is deactivated

If sending a message to webhook fails and the above logic is enabled, an EDR with the status *webhook failed* will be generated. Note that blocking options apply to the new generation RCS proxy.

- For billing schemes, the *Message type* list has been redesigned. Now available values include *Basic* (text up to 160 bytes), *Simple* (text over 160 bytes or text with additional parameters - for example, with an image), *Conversational* (implies reply capability). When updating, existing types will be migrated automatically: the *suggestedChipList* type will be changed to *Conversational*, other types will be designated as *Simple*.
-

- The new *Limitations* section has been added to the *Bots* interface to restrict incoming requests with *Incoming MPS limit* and *Incoming buffer size* fields (processing logic is similar to SMS channels). Please note that no buffer EDRs will be formed at this time. Limitations apply to the new generation RCS proxy.
- If the Sms fallback provider's *MCCMNC list* is set to *All* (the *Bots* interface), it will serve as a backup when the original request includes *UseFallback=true* and the primary provider returns an error. If particular MCCMNC values are specified, then, even if *UseFallback=true* is received, the provider will be used as an independent route rather than a fallback. It can be used as a fallback if another RCS provider has the same MCCMNC specified.
- When an RCS message is sent through Google RBM or Telefonica and gets a REVOKED status from that provider with *UseFallback=true*, the System can now automatically reroute it to a fallback provider. To enable the feature contact the Alaris technical support team and provide the code CS-1350.
- To enable sending RCS messages to different URLs of the same provider, the following functionality has been implemented:
 - The same bot can now include multiple providers of the same type.
 - For the Sinch provider, the *Sinch API URL* field has been added to specify the sending URL. If this field contains no value, the URL from the internal configuration will be used.

Please note that the functionality is available for the new generation of RCS proxy (RCS proxy 2).

Rate compilation

- The ability to inherit vendor product rate notes during application of compiled rates has been added. The *Keep existing client rate notes* flag now has the following additional options:
 - *Do not save rate notes* (selected by default).
 - *Inherit vendor rate notes* (available only for tasks created with *Cost base: Least cost* and the *Calculate MCC rate as highest of its networks* flag disabled).
- Possibility to specify zero markup has been added (fields *Absolute markup* and *Relative markup, %*).

Rate editor

- Flags (in the *Group by* section) and filters *Increase notification period, days* and *Decrease notification period, days* have been added. They enable viewing (and changing) of rates for agreements with specific rate notification periods for increases or decreases. Corresponding columns have also been added to the *Rate groups* table when the relevant grouping flags are selected. For inactive agreements, these values remain empty.
- Inactive networks will be hidden from the filters of the *Rate Editor*, *EDR reconciliation*, and *e.212/e.164 reference book editor* interfaces when the user-level display of inactive entities is disabled.

Rate export

- Rate changes resulting from a compilation task will now be taken into account when creating automatic rate export tasks if the compilation task was created with the disabled flag *send rate update to client*. However, even if the flag was enabled, automatic export tasks can be generated for child products of the target product (one involved in the compilation task), provided that all settings for automatic export are correct.

Rate import

- The *Errors* and *Preview of rates* tabs have been rearranged for more convenient display of information.
-

Reference book editor

- The *e.212/e.164 reference book editor* interface has been split into two tabs: *Editor* (retaining the previous functionality) and *Rollback*. The new *Rollback* tab is designed to revert changes applied to the reference book (whether made through single record edits or file imports) to a specific point in time. Users can either revert all changes to a target date or apply filters by MCCMNC and/or dial code. The *Target date/time* parameter selects the date to which the rollback will be performed; the calendar is limited in the past by the number of days specified in the System setting *Log store period, days*. Clicking *Check* will display a table showing summary information for the records that will be restored. To apply the rollback, click *Rollback*.

Reports

- Previously, when editing a report code and clicking the *SQL query* field, the code window would enter full-screen mode. To improve user experience, the initial size of the field has been increased, and an additional button (with the tooltip "Full screen") has been added to expand the window size.
- Logic of the *Channel offline alarm (Alerts)* report has been improved. Earlier the *Channel offline more than N seconds* filter was not taken into account, and also the *Status* column incorrectly took into account the previous channel status value.

Routing rules

- If a rule contains an unknown metric in the *Condition* or *Formula* fields, a corresponding error will be displayed when attempting to add or modify it.
- The *Content pattern group* field has been renamed to *Inclusive content pattern group*, and the *Exclusive content pattern group* field has been added. Both fields can be set to include or exclude a list of regular expression groups. Please note that groups from the *Exclusive content pattern group* list will be verified before processing the *Inclusive content pattern group* list.
- For the *Replace product* functionality, the ability to specify multiple contexts has been added (previously only one context could be specified).
- Possibility has been added to allow traffic routing within the same carrier. The feature is configured in the following sections:
 - *System settings* interface: the new parameter *Enable traffic exchange between the same carrier products* (disabled by default). Valid values are: 0 (traffic exchange within the same carrier is prohibited), 1 (traffic exchange within the same carrier is allowed) and 2 (traffic exchange within the same carrier is allowed provided that the product names do not match).
 - *Routing rules* interface: the field *Allow routing to products of the same carrier* with possible values *System setting* (default); *No*; *Yes, for all product names*; *Yes, for different product names*.
- The routing rules loading speed has been optimized in the web interface.
- Filtering has been added for the column *Client product names*.

SMS switch

- If several SMS switch servers are available, a message may be sent to an inactive vendor connection if its local address was not specified in the IP address of a particular SMS switch, which leads to writing unnecessary EDRs. In order to send messages to active connections only, contact the Technical support team and provide the code STS-820. Please note that when the functionality is enabled, there will be a slight delay in sending messages to vendors (10 seconds by default).
-

- Possibility has been added to ignore specific SMS switch instances when handling traffic if such instances become unavailable. To configure this feature to contact the Alaris technical support team and provide the code STS-48. The feature can be useful in case of multiple servers with SMS switches sharing a common in-memory database. If one of the servers becomes unavailable, the list of vendors from this server will not be used in route search.
- The delivery report (callback) will be sent by the same SMS switch instance (from the same server) that processed the original message if it was received over HTTP. Previously, in case of several SMS switches with a common in-memory database, delivery reports could be sent from any SMS switch instance (server).

Simulation

- Support of alphanumeric values for the *Dest. number* field has been added when simulating MO traffic sending.
- New columns *Country* and *Net* were added into the vendor routes table.
- In the *Advanced* simulation mode, the *MCCMNC list* field displays the MCCMNCs whose rates are active for the time set in the *Time* field.

Swap deals

- The *Last modified* column has been added to display the time of the last update (manual or automatic) of the swap deal data.

Template manager

- The following markers have been added to the *Password reset letter* template: [ResetLinkLifeTime] (password reset link lifetime) and [ResetLink] (password reset link).
- The *Account manager* column has been added to the *Template manager* interface. Additionally, the ability to create new templates for the *SMS rate export* and *SMS rate update letter* types has been implemented, enabling inclusion of manager information.
- The ability to configure exported columns has been added to the *Partner portal EDR export letter* template. Configuration is performed using the *Set custom columns* button. Please note that this functionality applies only to file export generated from the new Partner Portal.
- The new marker [DetSystemIDs] has been added for the *Invoice details* template. It is similar to the [SystemIDs] marker and also provides a list of logins per traffic details row.

Test system

- The *Test system* functionality has been redesigned. Test system settings have been moved from *Administration\System settings* to the *Test system* interface. Processing of test system tasks has been moved to a dedicated service, which allowed increasing the test performance. The old functionality is enabled by default. To enable the new feature, contact the Alaris technical support team and communicate the code CS-349.
 - The test system sms.yoga has been added. The system appears in the list if the following new System settings are filled in:
 - *SmsYoga SMS send URL*: the URL for sending messages to the test system over the SMS switch (matches the value specified in the System setting *Manual SMS send URL*)
 - *SmsYoga control URL*: the direct URL for accessing the service (typically <https://sms.yoga/api/v1/>)
 - *SmsYoga password*: the password for the service (client secret)
-

- *SmsYoga user name*: the username for the service (client ID).
- Possibility has been added to set the parameters *TON*, *NPI*, *Validity period* and *Registered delivery* when creating a test task for the TelQ test platform.

Translation rules

- The *Add/Edit* panel of the *Error and status codes* tab has been modified. Also, the main panel with configured code and status translations has been enhanced.
- A restriction has been added for the fields *Sender ID pattern*, *Dest. number pattern* and *Content pattern*, prohibiting the input of the character sequence || (two consecutive vertical bars).

Users

- The new permission, *Edit routing rules in DEFAULT context*, has been added. Users without this permission cannot edit routing rules in DEFAULT context.
- The new System parameter *Link expiration period in password reset email, days* has been added. It serves to determine the number of days during which the link in the password reset email will be active. Possible values are from 1 to 30 (3 by default).

Partner Portals

- At the contract company level, it is now possible to configure custom branding in the new Partner Portal using the *Set customization* button. A custom portal logo and favicon can be configured; if no customization is provided, the default Alaris Labs logo and favicon will be shown.
- User session lifetime has been increased to 2 hours in the new Partner Portal.
- Support of the N-Genius payment system has been added for Partner Portal. To ensure correct display in the Portal the payment system must be configured in the *Contract companies* reference book.
- In the new Partner Portal, the account balance figure is now highlighted to warn users that their balance may decrease when draft payments expire.
- Two-factor authentication (2FA) has been implemented for the Campaign portal and new Partner Portal. This feature is enabled by the new System setting, *Enable 2FA for portals* (0 - no, 1 - yes). When enabled:
 - Self-registered users are created with the *Enable two factor authentication* flag activated.
 - Users created by the System Owner will receive an email using the new template *2FA enabled for Partner\Campaign portal account*.

To regenerate the email and code, toggle the *Enable two factor authentication* flag off then on for the user, and save each change. 2FA can be disabled at the user level even when the global setting is enabled.

- Traffic filtering by account and direction has been added to the new Partner Portal.
 - Menu items related to voice, SMS or RCS traffic will not be displayed in the new Partner Portal if the partner does not have products of the corresponding type.
 - The System setting *Hide successful columns in SMS statistics* has been added, with possible values 0 (do not hide) and 1 (hide), to control the display of successful message columns (on the *SMS statistics* tab: *Successful*, *Successful segments*, *Others*). Please note that this setting is only applicable to the new Partner Portal.
 - The new Partner Portal now includes RCS traffic statistics viewing capability (*RCS statistics* tab).
-

- The Triple-A payment system is now available in the new Partner Portal. To activate it, enable the *Use Triple-A* checkbox for the corresponding contract company and configure it in the *Payment systems* tab.
 - When topping up balance through the new Partner Portal, the minimum payment amount will be taken as the value of the contract company parameter *Minimum payment amount for portals*.
 - After two unsuccessful authorization attempts in the new Partner Portal, captcha entry will be required.
 - Possibility has been added to display data in the new Partner Portal in the partner timezone (set in the agreement settings). The behavior is controlled by the new System parameter *Display data in the timezone from the agreement (0 - System timezone, 1 - Partner timezone)*. If the value 1 is set, the statistics will be built on hourly analytical cubes (otherwise - on daily cubes). The parameter affects the display of rates and statistics, including EDRs. It should be noted that invoices are always displayed in the partner's time zone, and payments are always displayed in the System time zone.
-

2 Fixed issues

General

- When selecting a region in a carrier filter, some carriers could be available that have a region with an ID that partly matched the region in question (for example, region ID=1 partly matched region ID=11). The issue has been fixed.
- The issue has been fixed that allowed a user to log in to the System with an expired password.
- Earlier, when opening interfaces, previously set filters could fail to apply. The situation has been corrected.
- In rare cases, when generating a file (for example, when emailing a scheduled report), an error "invalid cursor" occurred, caused by premature deletion of the generated file. The situation has been fixed.
- Previously a file with payments got into the System after automatic import, but was not applied. The situation has been corrected.
- Pagination in the *Regular expressions* interface has been fixed.

Analytics

- Previously incorrect number of hours was displayed in the *Analytics* interface when switching to summer or winter time. The issue has been fixed.

Billing/Financial

- Previously, when using the *Close billing period and generate invoice* function in the middle of a billing period, the invoice created at the end of the billing period contained charges that were included in a previously created invoice.
- Previously, invoices generated by recurring fees were automatically marked as *Outdated* upon period recalculation, even when no actual changes occurred. The issue has been resolved.
- Erroneous assigning of values for the *Payment status* column has been fixed. Earlier, because of rounding, the values of amounts could fail to match.
- Due to incorrect rounding of amounts in the *Invoices* and *Charges* interfaces, the values could fail to match those billed to partners. Rounding has been corrected and now it also depends on the System parameter *Charge detail rounding function (client leg)* or *Charge detail rounding function (vendor leg)*, based on the charge direction.
- Verification has been added that the entire period of a fee is included in agreements. Previously, if multiple agreements were available for an account within the charge validity period, the fee could not be modified.
- The *Billable* flag now affects products of the *HLR* type. Previously, if the flag was turned off for a product, charges were still generated.

Limitation rules

- Previously, if the *MCCMNC list* field was left empty (which implies calculation of limits for all MCCMNCs), the calculation did not occur. The situation has been corrected.
- Duplicate statistics calculation has been fixed, if a rule was created with a *month* period but did not cover a full month.

Number management

- Previously, reassigning a number more than once a day was prohibited. The situation has been corrected: a number can be reassigned several times within a day.

Rate editor

- The "invalid identifier" error has been fixed when sorting columns.

Rate import

- Notes for existing rates were updated if the System parameter *Update rate notes for existing rates (0 - no, 1 - yes)* was set to 1, even if the rate change was different from *same*.

Reference books import

- When importing a prefix range, if the value in the prefix column started with zero, 0 was cut off. The situation has been corrected.

Reports

- Previously, when the system parameter *Add report info to file header (0 - no, 1 - yes)*. By default - 1 was enabled and a report was run in pivot mode with many filter values, the report could be displayed incorrectly. This has now been fixed.
- A number of reports built on analytical cubes and displaying the number of attempts have been corrected. Previously the value of vendor attempts was used instead of client attempts.

Routing rules

- In the new version, the <> operator will be automatically replaced by !=, since it is deprecated.

SMS router

- Previously, the *RuleAttCNT*, *RuleSucCNT*, and *RuleDivCNT* metrics could fail to be updated in real time, even if metric calculation was enabled in this mode.

SMS switch

- The issue was fixed where EDRs for delivery reports or MO messages were not recorded if no response was received for the *deliver_sm* packet (*deliver_sm_resp*) sent by the System.
 - Incorrect replacement of the *\$rate\$* marker has been fixed when sending a delivery report to the client according to the completed *DLR push URL template*. Now the message billing mode specified in the product is also taken into account.
 - Previously, when sending an HTTP message with multiple numbers in the *dnis* field, the request was processed as a single request, so the incoming client capacity specified in the channel could be exceeded. The situation has been corrected.
 - Previously, when receiving a message from the client over HTTP with translated text, and further sending it to the SMPP vendor, the source text was written to the EDR in the translated text field. The issue has been fixed.
 - Previously, EDRs for messages sent from the Test system contained the value *Vendor IP=N/A*. Also, the *TON* and *NPI* values were specified as *-/-/-*. Starting with the new version, values are written correctly.
 - Previously, in cases when long messages became short due to the decrease of segments, message text was sent incorrectly if the route list contained a vendor channel that was included in the *singleSubmit* internal setting that serves for sending long messages in the *message_payload* field.
-

Fixed issues

- In some cases only the first character was written as translated text, while the correct translated text was sent to the vendor. The situation has been corrected.

Simulation

- Previously, the System allowed omitting the recipient number to simulate MT message sending, and omitting the Sender ID for simulating MO messages. In the new version, the recipient number is mandatory for both types of traffic, and the Sender ID has been made mandatory for MO traffic.

Swap deals

- Swap deals could be edited even if the user did not have the appropriate permissions. The issue has been fixed.

Volume-based deals

- When switching to a new deal threshold, the rate was not always applied correctly. The error has been fixed.
- The issue "*Deal duration must be multiple to period*" has been fixed. It occurred when creating a deal with a correct period due to time zone shift (for example, daylight saving time).

Tags

- Verifications have been refined when deleting a tag that it is not contained in other entities (such as routing rules). Otherwise, an appropriate warning will be issued.
- Multiple selection of tags could cause the *Delete* button (for deleting records in bulk) to disappear. The issue has been fixed.

Translation rules

- The "No row was really affected" error has been fixed. It appeared when trying to edit a rule if the user did not have a full set of permissions (*No restrictions*).

Partner Portals

- Previously the statistics available in the portal was limited by the EDR storage period. In the new Partner Portal the behavior has been changed: EDR export still depends on the data storage period, but statistics displayed in the portal (*SMS statistics* tab) depend on the number of financial cubes (System parameter *Traffic details days count*).
- In some cases an object of the Wholesale Portal can be changed on behalf of another user. As a result, it is not always possible to identify the author of the change. The issue has been resolved in the new Partner Portal.
- 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 situation, we recommend setting the parameter *Wholesale portal access mode* to 0.

Additionally, the issue has been resolved in the Partner Portal.

3 Known issues

General

- When creating a new preset, a warning about overwriting an existing preset is shown, whereas the template is created from scratch and no overwriting occurs.
- 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.

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.
- 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.

Buffering rules

- IM traffic is not buffered according to the rules.

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).

Billing/Financial

- The parameters for the client side (in case of a bidirectional agreement) are verified when creating a credit note for the vendor side.
- If the Excel document generation module is unavailable, invoices will be considered confirmed with the status *Dispatch failed*.

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.

SMS router

- Some emoji (for example, 🍌), are matched with patterns incorrectly in translation or routing rules. Failure of rules can be tracked by the simulation log.
- Text translation of MT messages is not applied if the number is assigned in the *Number management* interface.
- A text translation rule is not applied with the error "reason <'ascii' codec can't decode byte 0xd1 in position 0: ordinal not in range(128)" when characters cannot be converted to ASCII if the rule is created with the flag *Treat as substitution* enabled.

SMS switch

- When transcoding concatenated messages from encoding 0 to another encoding (for example, 3), the original encoding is written to the EDR (for example, 0 instead of 3) while the text is transcoded correctly.
- When a short message with an increased number of segments after translation is rerouted to another vendor, only one segment is resent.
- If no response is received from the HTTP vendor within the response timeout (30 seconds by default), the internal EDR status is recorded as ROUTE FAILED instead of SUBMIT_RESP TIMEOUT. Please note that the code from EDR can be used to trace the real reason for the rejection (1000019 for non-response within the waiting time).
- When the generic_nack signal is received as a response to an MO message from the client, the corresponding EDR is not recorded.
- 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.

- The new generation SMS switch records statuses of disabled channels.
-



Database structure changes

4 Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
BAS_CARRIER	-- Table --	changed in 3.8.0				Data for wholesale
BAS_CONTRACT_COMPANY	EMAIL_ADDRESS_LIST	created in 3.8.0	VARCHAR2	4000	Y	Email address list for send balance/credit alerts
BAS_CONTRACT_COMPANY	RECEIVE_BAL_CREDIT_ALERT	created in 3.8.0	VARCHAR2	4000	Y	Receive balance/credit alerts
BAS_CONTRACT_COMPANY	RECEIVE_BAL_CREDIT_ALERT_SCOPE	created in 3.8.0	NUMBER	22	N	Tag scope: 1 - inclusive, -1 exclusive, 0 - all, -2 Do not receive
BAS_DID_BILL_SCHEME	CURRENCY_CODE	deleted in 3.8.0	VARCHAR2	8	N	Currency code
BAS_DID_BILL_SCHEME	IS_ACTIVE	created in 3.8.0	NUMBER	22	Y	Is active (0 or null - no / 1 - yes)
BAS_DID_DIAL_CODE	FWD_PROD_ID	changed in 3.8.0	NUMBER	22	Y	Only DID loop vendor products can be selected.



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
BAS_DID_DIAL_CODE	LAST_UPDATED	created in 3.8.0	DATE	7	Y	last update date
BAS_DISCONNECT_CODE	IS_DROPPED	created in 3.8.0	NUMBER	22	Y	Use code for DCR statistics (1 - yes, 0 - no)
BAS_PAY_POST_PROC_FIEL ELD	-- Table --	deleted in 3.8.0				Fiscal data operator list
BAS_PAY_POST_PROC_FIEL ELD	POST_PROC_FIELD_NAME	deleted in 3.8.0	VARCHAR2	4000	N	Fiscal data operator parameter name
BAS_PAY_POST_PROC_FIEL ELD	POST_PROC_NAME	deleted in 3.8.0	VARCHAR2	100	Y	Fiscal data operator name
BAS_PAY_POST_PROC_FIEL ELD_VAL	-- Table --	deleted in 3.8.0				Fiscal data operator parameters values
BAS_PAY_POST_PROC_FIEL ELD_VAL	CC_ID	deleted in 3.8.0	NUMBER	22	Y	Contract company ID
BAS_PAY_POST_PROC_FIEL ELD_VAL	PAYSYSTEM_NAME	deleted in 3.8.0	VARCHAR2	100	Y	Paysystem name



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
BAS_PAY_POST_PROC_FIEL D_VAL	POST_PROC_FIELD_NA ME	deleted in 3.8.0	VARCHAR2	4000	Y	Fiscal data operator parameter name
BAS_PAY_POST_PROC_FIEL D_VAL	POST_PROC_FIELD_VA LUE	deleted in 3.8.0	VARCHAR2	4000	Y	Fiscal data operator parameter value
BAS_TEMPLATE	TEMPLATE_ACC_MAN AGER_ID	created in 3.8.0	VARCHAR2	4000	Y	Account managers
BAS_TEMPLATE_COL_LIST	-- Table --	created in 3.8.0				Columns list for download from edr/cdr for Wholesale Portal
BAS_TEMPLATE_COL_LIST	COLUMN_LIST	created in 3.8.0	VARCHAR2	4000	Y	column list
BAS_TEMPLATE_COL_LIST	TEMPLATE_ID	created in 3.8.0	NUMBER	22	N	Record template ID (primary key)
BAS_VOIP_POI_IDX	VOIP_POI_PORT	created in 3.8.0	NUMBER	22	Y	Port
FIN_SUBSCR	SUBSCR_CONFIRM_CH ARGE	deleted in 3.8.0	NUMBER	22	Y	Confirm invoice (deprecated CS-1423)



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
FIN_SUBSCR_DETAIL	SUBSCR_COMMENTS	changed in 3.8.0	VARCHAR2	4000	Y	Comments/Error description
FIN_SUBSCR_DETAIL	SUBSCR_SUPPRESSED	changed in 3.8.0	NUMBER	22	Y	Suppressed flag (1 - wrong service amount, 2 - error, 3 - emptyrate\volume, null - no)
LOG_RAT_RATE_IMPORT_TMP	-- Table --	created in 3.8.0				Temporary table for voice rate analysis
LOG_SW_SESSION	-- Table --	deleted in 3.8.0				Switch activity log
LOG_SW_SESSION	CHECK_SUMBIT	deleted in 3.8.0	NUMBER	22	Y	Check submit flag (1 -yes, 0 - no)
LOG_SW_SESSION	LAST_UPDATED	deleted in 3.8.0	DATE	7	Y	Update date
LOG_SW_SESSION	MODULE_HASH	deleted in 3.8.0	NUMBER	22	N	Module name hash
LOG_SW_SESSION	MODULE_NAME	deleted in 3.8.0	VARCHAR2	256	Y	Module name



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
LOG_SW_SESSION	START_SCN	deleted in 3.8.0	NUMBER	22	Y	Start SCN
LOG_SW_SESSION	TABLE_NAME	deleted in 3.8.0	VARCHAR2	30	N	Table name
PRV_LOG_ID	LOG_ROWID	changed in 3.8.0	ROWID	10	Y	Log rowid (empty value means: must generate event)
RAT_CA_CONFIG	-- Table --	deleted in 3.8.0				Rate change analysis configuration
RAT_CA_CONFIG	CONF_DESC	deleted in 3.8.0	VARCHAR2	512	Y	Configuration description
RAT_CA_CONFIG	CONF_ID	deleted in 3.8.0	NUMBER	22	N	Configuration id
RAT_CA_CONFIG	CONF_NAME	deleted in 3.8.0	VARCHAR2	128	Y	Configuration name
RAT_CA_CONFIG	RATE_RANK_1	deleted in 3.8.0	VARCHAR2	1	Y	Rank of rate1
RAT_CA_CONFIG	RATE_RANK_2	deleted in 3.8.0	VARCHAR2	1	Y	Rank of rate2
RAT_CA_CONFIG	RATE_RANK_3	deleted in 3.8.0	VARCHAR2	1	Y	Rank of rate3



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
RAT_CA_CONFIG	RATE_RANK_4	deleted in 3.8.0	VARCHAR2	1	Y	Rank of rate4
RAT_CA_CONFIG	RAT_IMP_ERR_ID	deleted in 3.8.0	NUMBER	22	Y	Foreign key of rat_imp_err
RAT_CA_RATE_STATUS	-- Table --	deleted in 3.8.0				Rate change analysis pending results
RAT_CA_RATE_STATUS	ANI_DIAL_CODE	deleted in 3.8.0	VARCHAR2	16	Y	Origin dial code
RAT_CA_RATE_STATUS	BILL_INCR_RATE_2	deleted in 3.8.0	NUMBER	22	Y	Billing increment of rate 2
RAT_CA_RATE_STATUS	BILL_INCR_RATE_4	deleted in 3.8.0	NUMBER	22	Y	Billing increment of rate 4
RAT_CA_RATE_STATUS	CA_DATE	deleted in 3.8.0	DATE	7	Y	Date of rate analysis
RAT_CA_RATE_STATUS	CONF_DESC	deleted in 3.8.0	VARCHAR2	512	Y	Configuration description
RAT_CA_RATE_STATUS	DIAL_CODE	deleted in 3.8.0	VARCHAR2	256	Y	Dial code
RAT_CA_RATE_STATUS	IMPLICIT_CODE_1	deleted in 3.8.0	VARCHAR2	256	Y	Implicit dial code 1
RAT_CA_RATE_STATUS	IMPLICIT_CODE_2	deleted in 3.8.0	VARCHAR2	256	Y	Implicit dial code 2



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
RAT_CA_RATE_STATUS	IMPLICIT_CODE_3	deleted in 3.8.0	VARCHAR2	256	Y	Implicit dial code 3
RAT_CA_RATE_STATUS	IMPLICIT_CODE_4	deleted in 3.8.0	VARCHAR2	256	Y	Implicit dial code 4
RAT_CA_RATE_STATUS	NOTE_IS_DIFF	deleted in 3.8.0	VARCHAR2	1	Y	The sign of different notes
RAT_CA_RATE_STATUS	PRODUCT_ID_1	deleted in 3.8.0	NUMBER	22	Y	Compared product id 1
RAT_CA_RATE_STATUS	PRODUCT_ID_2	deleted in 3.8.0	NUMBER	22	Y	Compared product id 2
RAT_CA_RATE_STATUS	RATE_1	deleted in 3.8.0	NUMBER	22	Y	Rate 1
RAT_CA_RATE_STATUS	RATE_2	deleted in 3.8.0	NUMBER	22	Y	Rate 2
RAT_CA_RATE_STATUS	RATE_3	deleted in 3.8.0	NUMBER	22	Y	Rate 3
RAT_CA_RATE_STATUS	RATE_4	deleted in 3.8.0	NUMBER	22	Y	Rate 4
RAT_CA_RATE_STATUS	RATE_RANK_1	deleted in 3.8.0	VARCHAR2	1	Y	Rank of rate1
RAT_CA_RATE_STATUS	RATE_RANK_2	deleted in 3.8.0	VARCHAR2	1	Y	Rank of rate2



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
RAT_CA_RATE_STATUS	RATE_RANK_3	deleted in 3.8.0	VARCHAR2	1	Y	Rank of rate3
RAT_CA_RATE_STATUS	RATE_RANK_4	deleted in 3.8.0	VARCHAR2	1	Y	Rank of rate4
RAT_CA_RATE_STATUS	SUB_TIME_MASK_CAPTION	deleted in 3.8.0	VARCHAR2	2000	Y	Timemask description
RAT_CA_RATE_STATUS	SUB_TIME_MASK_ID	deleted in 3.8.0	NUMBER	22	Y	Timemask id
RAT_CA_RATE_STATUS	TASK_JOB_NAME	deleted in 3.8.0	VARCHAR2	256	Y	Task job name (from prv_task)
RAT_IMP_ANA_STEPS	-- Table --	created in 3.8.0				Temporary table for rate analysis
RAT_IMP_CLOSE_RATE_TMP	-- Table --	deleted in 3.8.0				Temporary table for rate import
RAT_IMP_CLOSE_RATE_TMP	RATE1	deleted in 3.8.0	NUMBER	22	Y	Rate 1
RAT_IMP_CLOSE_RATE_TMP	RATE2	deleted in 3.8.0	NUMBER	22	Y	Rate 2



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
RAT_IMP_CLOSE_RATE_T MP	RATE3	deleted in 3.8.0	NUMBER	22	Y	Rate 3
RAT_IMP_CLOSE_RATE_T MP	RATE4	deleted in 3.8.0	NUMBER	22	Y	Rate 4
RAT_IMP_CLOSE_RATE_T MP	RATE5	deleted in 3.8.0	NUMBER	22	Y	Rate 5
RAT_IMP_CLOSE_RATE_T MP	RATE6	deleted in 3.8.0	NUMBER	22	Y	Rate 6
RAT_IMP_CLOSE_RATE_T MP	RATE_BILL_INC_ID	deleted in 3.8.0	NUMBER	22	Y	Billing increment ID
RAT_IMP_CLOSE_RATE_T MP	RATE_CSCD	deleted in 3.8.0	VARCHAR2	256	Y	Carrier-specific destination
RAT_IMP_CLOSE_RATE_T MP	RATE_DIAL_CODE	deleted in 3.8.0	VARCHAR2	16	N	Dial code (full match)
RAT_IMP_CLOSE_RATE_T MP	RATE_DIAL_CODE1	deleted in 3.8.0	VARCHAR2	16	Y	Dial code (1 digit)



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
RAT_IMP_CLOSE_RATE_T MP	RATE_DIAL_CODE10	deleted in 3.8.0	VARCHAR2	16	Y	Dial code (10 digits)
RAT_IMP_CLOSE_RATE_T MP	RATE_DIAL_CODE11	deleted in 3.8.0	VARCHAR2	16	Y	Dial code (11 digits)
RAT_IMP_CLOSE_RATE_T MP	RATE_DIAL_CODE12	deleted in 3.8.0	VARCHAR2	16	Y	Dial code (12 digits)
RAT_IMP_CLOSE_RATE_T MP	RATE_DIAL_CODE13	deleted in 3.8.0	VARCHAR2	16	Y	Dial code (13 digits)
RAT_IMP_CLOSE_RATE_T MP	RATE_DIAL_CODE14	deleted in 3.8.0	VARCHAR2	16	Y	Dial code (14 digits)
RAT_IMP_CLOSE_RATE_T MP	RATE_DIAL_CODE15	deleted in 3.8.0	VARCHAR2	16	Y	Dial code (15 digits)
RAT_IMP_CLOSE_RATE_T MP	RATE_DIAL_CODE2	deleted in 3.8.0	VARCHAR2	16	Y	Dial code (2 digits)
RAT_IMP_CLOSE_RATE_T MP	RATE_DIAL_CODE3	deleted in 3.8.0	VARCHAR2	16	Y	Dial code (3 digits)



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
RAT_IMP_CLOSE_RATE_T MP	RATE_DIAL_CODE4	deleted in 3.8.0	VARCHAR2	16	Y	Dial code (4 digits)
RAT_IMP_CLOSE_RATE_T MP	RATE_DIAL_CODE5	deleted in 3.8.0	VARCHAR2	16	Y	Dial code (5 digits)
RAT_IMP_CLOSE_RATE_T MP	RATE_DIAL_CODE6	deleted in 3.8.0	VARCHAR2	16	Y	Dial code (6 digits)
RAT_IMP_CLOSE_RATE_T MP	RATE_DIAL_CODE7	deleted in 3.8.0	VARCHAR2	16	Y	Dial code (7 digits)
RAT_IMP_CLOSE_RATE_T MP	RATE_DIAL_CODE8	deleted in 3.8.0	VARCHAR2	16	Y	Dial code (8 digits)
RAT_IMP_CLOSE_RATE_T MP	RATE_DIAL_CODE9	deleted in 3.8.0	VARCHAR2	16	Y	Dial code (9 digits)
RAT_IMP_CLOSE_RATE_T MP	RATE_END_DATE	deleted in 3.8.0	DATE	7	N	End date
RAT_IMP_CLOSE_RATE_T MP	RATE_ID	deleted in 3.8.0	NUMBER	22	Y	Rate ID



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
RAT_IMP_CLOSE_RATE_TMP	RATE_NOTES	deleted in 3.8.0	VARCHAR2	256	Y	Rate note
RAT_IMP_CLOSE_RATE_TMP	RATE_PRODUCT_ID	deleted in 3.8.0	NUMBER	22	Y	Product ID
RAT_IMP_CLOSE_RATE_TMP	RATE_START_DATE	deleted in 3.8.0	DATE	7	N	Start date
RAT_IMP_CLOSE_RATE_TMP	RATE_TIMEMASK_ID	deleted in 3.8.0	NUMBER	22	Y	Timemask ID
RAT_RATE_ARCHIVE	RATE_ANI_CSCD	created in 3.8.0	VARCHAR2	4000	Y	(depricated) Carrier-specific origin destination
RAT_RATE_IMPORT_TMP_NEW	RATE1	changed in 3.8.0	NUMBER	22	Y	New price
RAT_RATE_IMPORT_TMP_NEW	RATE_BILL_INC_ID	changed in 3.8.0	NUMBER	22	Y	Billing increment ID
RAT_RATE_IMPORT_TMP_NEW	RATE_CSCD	changed in 3.8.0	VARCHAR2	256	Y	Carrier-specific destination



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
RAT_RATE_IMPORT_TMP_NEW	RATE_DIAL_CODE	changed in 3.8.0	VARCHAR2	16	Y	Dial code
RAT_RATE_IMPORT_TMP_NEW	RATE_END_DATE	changed in 3.8.0	DATE	7	Y	Rate effective till
RAT_RATE_IMPORT_TMP_NEW	RATE_FIELD	created in 3.8.0	VARCHAR2	30	Y	Rate field
RAT_RATE_IMPORT_TMP_NEW	RATE_ID	changed in 3.8.0	NUMBER	22	Y	Rate ID (primary key)
RAT_RATE_IMPORT_TMP_NEW	RATE_NOTES	changed in 3.8.0	VARCHAR2	256	Y	Rate note
RAT_RATE_IMPORT_TMP_NEW	RATE_PRODUCT_ID	changed in 3.8.0	NUMBER	22	Y	Product ID (link to BAS_PRODUCT table)
RAT_RATE_IMPORT_TMP_OLD	RATE1	changed in 3.8.0	NUMBER	22	Y	New price
RAT_RATE_IMPORT_TMP_OLD	RATE_BILL_INC_ID	changed in 3.8.0	NUMBER	22	Y	Billing increment ID



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
RAT_RATE_IMPORT_TMP_OLD	RATE_CSCD	changed in 3.8.0	VARCHAR2	256	Y	Carrier-specific destination
RAT_RATE_IMPORT_TMP_OLD	RATE_DIAL_CODE	changed in 3.8.0	VARCHAR2	16	Y	Dial code
RAT_RATE_IMPORT_TMP_OLD	RATE_END_DATE	changed in 3.8.0	DATE	7	Y	Rate effective till
RAT_RATE_IMPORT_TMP_OLD	RATE_FIELD	created in 3.8.0	VARCHAR2	30	Y	Rate field
RAT_RATE_IMPORT_TMP_OLD	RATE_ID	changed in 3.8.0	NUMBER	22	Y	Rate ID (primary key)
RAT_RATE_IMPORT_TMP_OLD	RATE_NOTES	changed in 3.8.0	VARCHAR2	256	Y	Rate note
RAT_RATE_IMPORT_TMP_OLD	RATE_PRODUCT_ID	changed in 3.8.0	NUMBER	22	Y	Product ID (link to BAS_PRODUCT table)
RAT_RCN_IN	-- Table --	deleted in 3.8.0				Rate change notification



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
RAT_RCN_IN	RATE1	deleted in 3.8.0	NUMBER	22	Y	Rate 1 New price Price
RAT_RCN_IN	RATE2	deleted in 3.8.0	NUMBER	22	Y	Old price Rate 2
RAT_RCN_IN	RATE3	deleted in 3.8.0	NUMBER	22	Y	Rate 3
RAT_RCN_IN	RATE4	deleted in 3.8.0	NUMBER	22	Y	Rate 4
RAT_RCN_IN	RATE5	deleted in 3.8.0	NUMBER	22	Y	Rate 5
RAT_RCN_IN	RATE6	deleted in 3.8.0	NUMBER	22	Y	Rate 6
RAT_RCN_IN	RATE_BILL_INC_ID	deleted in 3.8.0	NUMBER	22	N	Billing increment ID Increment scheme
RAT_RCN_IN	RATE_CSCD	deleted in 3.8.0	VARCHAR2	256	Y	Carrier-specific destination CSCD
RAT_RCN_IN	RATE_DIAL_CODE	deleted in 3.8.0	VARCHAR2	16	N	Dial code Rate dial Change code/Sender ID e.164 (optional)



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
RAT_RCN_IN	RATE_END_DATE	deleted in 3.8.0	DATE	7	N	End date Rate effective till rate record end affective
RAT_RCN_IN	RATE_HASH	deleted in 3.8.0	VARCHAR2	20	Y	Rate hash
RAT_RCN_IN	RATE_ID	deleted in 3.8.0	NUMBER	22	N	rate_id Rate ID (primary key) Client POI SMS rate
RAT_RCN_IN	RATE_NOTES	deleted in 3.8.0	VARCHAR2	256	Y	Rate note notes
RAT_RCN_IN	RATE_PRODUCT_ID	deleted in 3.8.0	NUMBER	22	N	Product ID rate product id (link to BAS_PRODUCT table)
RAT_RCN_IN	RATE_START_DATE	deleted in 3.8.0	DATE	7	N	Rate effective from
RAT_RCN_IN	RATE_TIMEMASK_ID	deleted in 3.8.0	NUMBER	22	N	Timemask ID
RAT_RCN_MERGE_TREE	-- Table --	deleted in 3.8.0				Rate change notification temporary table
RAT_RCN_MERGE_TREE	DIAL_CODE	deleted in 3.8.0	VARCHAR2	16	Y	Dial code



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
RAT_RCN_MERGE_TREE	END_DATE	deleted in 3.8.0	DATE	7	Y	Effective till
RAT_RCN_MERGE_TREE	PRODUCT_ID	deleted in 3.8.0	NUMBER	22	Y	Product ID
RAT_RCN_MERGE_TREE	RATE_HASH	deleted in 3.8.0	VARCHAR2	20	Y	Hash
RAT_RCN_MERGE_TREE	RATE_ID	deleted in 3.8.0	NUMBER	22	Y	rate_id Rate ID (primary key) Client POI SMS rate
RAT_RCN_MERGE_TREE	START_DATE	deleted in 3.8.0	DATE	7	Y	Effective from
RAT_RCN_SCHEDULE	-- Table --	deleted in 3.8.0				Rate change notification schedule
RAT_RCN_SCHEDULE	ADD_PARAM_JSON	deleted in 3.8.0	VARCHAR2	4000	Y	Additional parameters
RAT_RCN_SCHEDULE	CONFIRM_TYPE	deleted in 3.8.0	VARCHAR2	32	Y	Type of confirmation
RAT_RCN_SCHEDULE	DEFAULT_RECIPIENT	deleted in 3.8.0	VARCHAR2	2000	Y	Default recipients
RAT_RCN_SCHEDULE	LAST_EXEC_DATE	deleted in 3.8.0	DATE	7	Y	Previous execution date



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
RAT_RCN_SCHEDULE	NEXT_EXEC_DATE	deleted in 3.8.0	DATE	7	Y	Next execution date
RAT_RCN_SCHEDULE	NEXT_EXP_END_DATE	deleted in 3.8.0	DATE	7	Y	Buttom of export date
RAT_RCN_SCHEDULE	NEXT_EXP_START_DATE	deleted in 3.8.0	DATE	7	Y	Top of export date
RAT_RCN_SCHEDULE	NOTIFICATION_TYPE	deleted in 3.8.0	VARCHAR2	32	Y	Type of notification
RAT_RCN_SCHEDULE	PRODUCT_LIST	deleted in 3.8.0	VARCHAR2	4000	Y	List of products
RAT_RCN_SCHEDULE	RATE_EXPORT_TYPE	deleted in 3.8.0	VARCHAR2	32	Y	Type of rate export
RAT_RCN_SCHEDULE	SCHEDULE	deleted in 3.8.0	VARCHAR2	256	Y	Schedule in the flesh
RAT_RCN_SCHEDULE	SCHEDULE_DESC	deleted in 3.8.0	VARCHAR2	4000	Y	Schedule description
RAT_RCN_SCHEDULE	SCHEDULE_ID	deleted in 3.8.0	NUMBER	22	N	Schedule id
RAT_RCN_SCHEDULE	SCHEDULE_STATUS	deleted in 3.8.0	NUMBER	22	Y	Schedule status



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
RAT_RCN_STATUS	-- Table --	deleted in 3.8.0				Rate change notification task statuses
RAT_RCN_STATUS	STATUS_DSC	deleted in 3.8.0	VARCHAR2	128	N	Type of status
RAT_RCN_STATUS	STATUS_ID	deleted in 3.8.0	NUMBER	22	N	Status id
RAT_RCN_TASK	-- Table --	deleted in 3.8.0				Rate change notification tasks
RAT_RCN_TASK	ADD_PARAM_JSON	deleted in 3.8.0	VARCHAR2	4000	Y	Additional parameters
RAT_RCN_TASK	ATTACH_NAME	deleted in 3.8.0	VARCHAR2	256	Y	Attache name
RAT_RCN_TASK	ATTACH_RAW	deleted in 3.8.0	BLOB	4000	Y	Attache body
RAT_RCN_TASK	ATTACH_TYPE	deleted in 3.8.0	VARCHAR2	32	Y	Attache type
RAT_RCN_TASK	EMAIL_BODY	deleted in 3.8.0	CLOB	4000	Y	Email body
RAT_RCN_TASK	EMAIL_SUBJECT	deleted in 3.8.0	VARCHAR2	1000	Y	Email subject



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
RAT_RCN_TASK	EXP_END_DATE	deleted in 3.8.0	DATE	7	Y	Buttom of export date
RAT_RCN_TASK	EXP_START_DATE	deleted in 3.8.0	DATE	7	Y	Top of export date
RAT_RCN_TASK	HEX_CONFIRM_LINK	deleted in 3.8.0	VARCHAR2	512	Y	Hex confirmational link
RAT_RCN_TASK	LAST_LOG	deleted in 3.8.0	VARCHAR2	4000	Y	Log of last update task
RAT_RCN_TASK	LAST_UPDATE_STATUS	deleted in 3.8.0	DATE	7	Y	Date of last update task
RAT_RCN_TASK	PRODUCT_ID	deleted in 3.8.0	NUMBER	22	Y	Product id
RAT_RCN_TASK	RECIPIENT_LIST	deleted in 3.8.0	VARCHAR2	4000	Y	List of recipient
RAT_RCN_TASK	RESULT_FILE_PATCH	deleted in 3.8.0	VARCHAR2	512	Y	Path of result file
RAT_RCN_TASK	RESULT_ROWS_CNT	deleted in 3.8.0	NUMBER	22	Y	Rows count in result
RAT_RCN_TASK	SCHEDULE_ID	deleted in 3.8.0	NUMBER	22	Y	Schedule id
RAT_RCN_TASK	SYS_JOB_NAME	deleted in 3.8.0	VARCHAR2	64	Y	Job name



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
RAT_RCN_TASK	TASK_CREATED	deleted in 3.8.0	DATE	7	Y	Task creation date
RAT_RCN_TASK	TASK_ID	deleted in 3.8.0	NUMBER	22	N	Task id
RAT_RCN_TASK	TASK_STATUS	deleted in 3.8.0	VARCHAR2	16	Y	Task status
RAT_RCN_TASK	USER_CONFIRMED	deleted in 3.8.0	NUMBER	22	Y	The sign of user confirmation
RUT_LIM_METRIC	ORDER_ID	created in 3.8.0	NUMBER	22	Y	order column
SMS_CDR	CLIENT_SAR_ID	created in 3.8.0	VARCHAR2	64	Y	Client SAR ID
SMS_CDR	CLIENT_SAR_PARTS_AMOUNT	created in 3.8.0	VARCHAR2	64	Y	Client SAR parts amount
SMS_CDR	CLIENT_SAR_PART_NUMBER	created in 3.8.0	VARCHAR2	64	Y	Client SAR part number
SMS_CDR	RULE_ID_VALIDITY_PERIOD	created in 3.8.0	VARCHAR2	64	Y	Validity period rule ID



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
SMS_CDR_ARCHIVE	CLIENT_SAR_ID	created in 3.8.0	VARCHAR2	64	Y	Client SAR ID
SMS_CDR_ARCHIVE	CLIENT_SAR_PARTS_A MOUNT	created in 3.8.0	VARCHAR2	64	Y	Client SAR parts amount
SMS_CDR_ARCHIVE	CLIENT_SAR_PART_NU MBER	created in 3.8.0	VARCHAR2	64	Y	Client SAR part number
SMS_CDR_ARCHIVE	RULE_ID_VALIDITY_PE RIOD	created in 3.8.0	VARCHAR2	64	Y	Validity period rule ID
SMS_CDR_BFRD	CLIENT_SAR_ID	created in 3.8.0	VARCHAR2	64	Y	Client SAR ID
SMS_CDR_BFRD	CLIENT_SAR_PARTS_A MOUNT	created in 3.8.0	VARCHAR2	64	Y	Client SAR parts amount
SMS_CDR_BFRD	CLIENT_SAR_PART_NU MBER	created in 3.8.0	VARCHAR2	64	Y	Client SAR part number
SMS_CDR_BFRD	RULE_ID_VALIDITY_PE RIOD	created in 3.8.0	VARCHAR2	64	Y	Validity period rule ID
SMS_CDR_STATUS	MESSAGE_ID	changed in 3.8.0	VARCHAR2	128	N	SMS message ID



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
SMS_CDR_STATUS	TRANSACTION_ID	changed in 3.8.0	VARCHAR2	128	Y	Transaction ID
SMS_CDR_STATUS_POST PONE	MESSAGE_ID	changed in 3.8.0	VARCHAR2	128	N	SMS message ID
SMS_CDR_STATUS_POST PONE	TRANSACTION_ID	changed in 3.8.0	VARCHAR2	128	Y	Transaction ID
SMS_CDR_TMP	-- Table --	changed in 3.8.0				Temporary table for RCS EDR processing
SMS_CDR_TMP	CDR_DST_MSG_ID	changed in 3.8.0	VARCHAR2	128	Y	1 message id
SMS_CDR_TMP	CLIENT_SAR_ID	created in 3.8.0	VARCHAR2	64	Y	Client SAR ID
SMS_CDR_TMP	CLIENT_SAR_PARTS_A MOUNT	created in 3.8.0	VARCHAR2	64	Y	Client SAR parts amount
SMS_CDR_TMP	CLIENT_SAR_PART_NU MBER	created in 3.8.0	VARCHAR2	64	Y	Client SAR part number
SMS_CDR_TMP	RULE_ID_VALIDITY_PE RIOD	created in 3.8.0	VARCHAR2	64	Y	Validity period rule ID



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
SMS_CHANNEL	CHANNEL_OPT_FIELDS_FOR_RECEIPT	changed in 3.8.0	NUMBER	22	N	Use optional field for receipt. Flag: 1 - use, 0 - not use
SMS_CHANNEL	PARTNER_DIRECTION	changed in 3.8.0	NUMBER	22	Y	Partner direction (0 - client, 1 - vendor, 2 - both)
SMS_CHANNEL	REPUSH_DELIVERY_REPORTS	changed in 3.8.0	NUMBER	22	Y	Repush delivery reports. Flag: 1 - repush, 0 - not repush
SMS_CHANNEL	SEND_BIND_TO_CLIENT	changed in 3.8.0	NUMBER	22	Y	Send bind to partner side Flag: 1 - send , 0 - not send
SMS_CHANNEL	SRC_ALLOWED_CONNECTIONS	created in 3.8.0	NUMBER	22	Y	Number of allowed connections
SMS_CHANNEL	STATEFUL_CONCAT_MESSAGE	changed in 3.8.0	NUMBER	22	Y	Stateful concatenated messages processing. Flag: 1 - process, 0 - not process



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
SMS_CHANNEL	TRACK_MO_RESP	changed in 3.8.0	NUMBER	22	Y	Track MO responses to MTs. Flag: 1 - track, 0 - not track
SMS_CUBE_DAY	SWAP	created in 3.8.0	NUMBER	22	Y	Swap deals flag
SMS_CUBE_HOUR	SWAP	created in 3.8.0	NUMBER	22	Y	Swap deals flag
SMS_CUBE_MIN	SWAP	created in 3.8.0	NUMBER	22	Y	Swap deals flag
SMS_CUBE_MONTH	SWAP	created in 3.8.0	NUMBER	22	Y	Swap deals flag
SMS_CUBE_WEEK	SWAP	created in 3.8.0	NUMBER	22	Y	Swap deals flag
SMS_EXP_DATA	CLIUDH	created in 3.8.0	VARCHAR2	256	Y	UDH
SMS_EXP_DATA	VALIDITY_PERIOD	created in 3.8.0	VARCHAR2	64	Y	Validity period
SMS_GEN_COMPILATION	NOTE_ID	created in 3.8.0	NUMBER	22	Y	Rate note ID
SMS_GEN_VENDOR_STAT_TMP	NOTE_ID	created in 3.8.0	NUMBER	22	Y	Rate note ID



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
SMS_RULE	RULE_CONTENT_GROUP_LIST2	created in 3.8.0	VARCHAR2	4000	Y	Tag ID list
SMS_RULE	RULE_CONTENT_GROUP_LIST2_SCOPE	created in 3.8.0	NUMBER	22	N	0 - All, 1 - Inclusive list, -1 - Exclusive list
SMS_TEST_FAILED_CALLBACK	-- Table --	created in 3.8.0				SMS Test system failed callbacks data
SMS_TEST_FAILED_CALLBACK	CALLBACK_DATA	created in 3.8.0	CLOB	4000	Y	Callback data
SMS_TEST_FAILED_CALLBACK	ERROR_DATE	created in 3.8.0	DATE	7	Y	Date
SMS_TEST_FAILED_CALLBACK	ERROR_STACK	created in 3.8.0	VARCHAR2	4000	Y	Error stack
SMS_TEST_FAILED_CALLBACK	ID	created in 3.8.0	NUMBER	22	Y	ID
SMS_TEST_PLATFORM_REFERENCE	-- Table --	created in 3.8.0				Test platform list



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
SMS_TEST_PLATFORM_REF	JAVA_NAME	created in 3.8.0	VARCHAR2	256	N	Test platform name in JAVA service
SMS_TEST_PLATFORM_REF	WEB_ID	created in 3.8.0	VARCHAR2	256	N	Test platform identifier in Test system WEB interface
SMS_TEST_TASK	TASK_EXTERNAL_ID	created in 3.8.0	VARCHAR2	36	Y	Task UUID (from external java service)
SMS_TEST_TASK	TASK_EXTERNAL_PARENT_ID	created in 3.8.0	VARCHAR2	36	Y	Parent task UUID (from external java service)
SMS_TEST_TASK	TASK_USER_TEXT	created in 3.8.0	VARCHAR2	2000	Y	User text to send
SMS_TRNSL_CODE	CODE	changed in 3.8.0	VARCHAR2	1000	N	Code
SMS_TRNSL_CODE	CODE_TYPE	changed in 3.8.0	NUMBER	22	N	Code type from sms_trnsl_type_code
SMS_TRNSL_CODE	DESCR	changed in 3.8.0	VARCHAR2	1000	N	Description
SMS_TRNSL_CODE	PROTOCOL	changed in 3.8.0	NUMBER	22	Y	Protocol



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
SMS_TRNSL_CODE	TYPE	changed in 3.8.0	NUMBER	22	N	Code origin: system/user - 0/1
SMS_TRNSL_RULES	PROTOCOL	created in 3.8.0	NUMBER	22	Y	Protocol
SMS_TRNSL_RULES	TRNSL_TYPE	created in 3.8.0	NUMBER	22	Y	Translation type from sms_trnsl_type
SMS_TRNSL_RULES	TYPE_CODE	deleted in 3.8.0	NUMBER	22	N	Translation type from sms_trnsl_type
SMS_TRNSL_TYPE	CONN_TYPE	created in 3.8.0	NUMBER	22	Y	Connecion type (to client, from vendor, from routing)
SMS_TRNSL_TYPE	DIRECTION	deleted in 3.8.0	NUMBER	22	Y	Direction
SMS_TRNSL_TYPE	ERR_CODE_TYPE	created in 3.8.0	NUMBER	22	Y	Source code type
SMS_TRNSL_TYPE	ID	created in 3.8.0	NUMBER	22	N	id
SMS_TRNSL_TYPE	RES_CODE_TYPE	created in 3.8.0	NUMBER	22	Y	Result code type



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
SMS_TRNSL_TYPE	SRC_CODE_TYPE	created in 3.8.0	NUMBER	22	Y	Source code type
SMS_TRNSL_TYPE	TYPE_CODE	deleted in 3.8.0	NUMBER	22	N	Code type
SMS_TRNSL_TYPE_CODE	DESCR	changed in 3.8.0	VARCHAR2	4000	Y	Description
SMS_TRNSL_TYPE_CODE	TYPE_CODE	deleted in 3.8.0	NUMBER	22	N	Code type
STA_CUBE_DAY	AVG_JITTER	created in 3.8.0	NUMBER	22	Y	Average jitter
STA_CUBE_DAY	AVG_MOS	created in 3.8.0	NUMBER	22	Y	Average MOS
STA_CUBE_DAY	COUNT_DROPPED	created in 3.8.0	NUMBER	22	Y	Dropped calls count
STA_CUBE_DAY	MAX_JITTER	created in 3.8.0	NUMBER	22	Y	Max. jitter
STA_CUBE_DAY	MAX_MOS	created in 3.8.0	NUMBER	22	Y	Max. MOS
STA_CUBE_DAY	MIN_JITTER	created in 3.8.0	NUMBER	22	Y	Min. jitter
STA_CUBE_DAY	MIN_MOS	created in 3.8.0	NUMBER	22	Y	Min. MOS



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
STA_CUBE_DAY	SUM_DST_CHARGE2	created in 3.8.0	NUMBER	22	Y	Total vendor cost in currency 2 Vendor charge
STA_CUBE_DAY	SUM_DST_CHARGE3	created in 3.8.0	NUMBER	22	Y	Total vendor cost in currency 2 Vendor charge
STA_CUBE_DAY	SUM_DST_CONN_FEE2	created in 3.8.0	NUMBER	22	Y	Sum of vendor connection fees in currency 2
STA_CUBE_DAY	SUM_DST_CONN_FEE3	created in 3.8.0	NUMBER	22	Y	Sum of vendor connection fees in currency 3
STA_CUBE_DAY	SUM_MARGIN2	created in 3.8.0	NUMBER	22	Y	Margin Total margin in currency 2
STA_CUBE_DAY	SUM_MARGIN3	created in 3.8.0	NUMBER	22	Y	Margin Total margin in currency 2
STA_CUBE_DAY	SUM_SRC_CHARGE2	created in 3.8.0	NUMBER	22	Y	Client charge Total client revenue in currency 2
STA_CUBE_DAY	SUM_SRC_CHARGE3	created in 3.8.0	NUMBER	22	Y	Client charge Total client revenue in currency 2



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
STA_CUBE_DAY	SUM_SRC_CONN_FEE2	created in 3.8.0	NUMBER	22	Y	Total client connection fee in currency 2
STA_CUBE_DAY	SUM_SRC_CONN_FEE3	created in 3.8.0	NUMBER	22	Y	Total client connection fee in currency 3
STA_CUBE_HOUR	AVG_JITTER	created in 3.8.0	NUMBER	22	Y	Average jitter
STA_CUBE_HOUR	AVG_MOS	created in 3.8.0	NUMBER	22	Y	Average MOS
STA_CUBE_HOUR	COUNT_DROPPED	created in 3.8.0	NUMBER	22	Y	Dropped calls count
STA_CUBE_HOUR	MAX_JITTER	created in 3.8.0	NUMBER	22	Y	Max. jitter
STA_CUBE_HOUR	MAX_MOS	created in 3.8.0	NUMBER	22	Y	Max. MOS
STA_CUBE_HOUR	MIN_JITTER	created in 3.8.0	NUMBER	22	Y	Min. jitter
STA_CUBE_HOUR	MIN_MOS	created in 3.8.0	NUMBER	22	Y	Min. MOS
STA_CUBE_HOUR	SUM_DST_CHARGE2	created in 3.8.0	NUMBER	22	Y	Total vendor cost in currency 2 Vendor charge



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
STA_CUBE_HOUR	SUM_DST_CHARGE3	created in 3.8.0	NUMBER	22	Y	Total vendor cost in currency 2 Vendor charge
STA_CUBE_HOUR	SUM_DST_CONN_FEE2	created in 3.8.0	NUMBER	22	Y	Sum of vendor connection fees in currency 2
STA_CUBE_HOUR	SUM_DST_CONN_FEE3	created in 3.8.0	NUMBER	22	Y	Sum of vendor connection fees in currency 3
STA_CUBE_HOUR	SUM_MARGIN2	created in 3.8.0	NUMBER	22	Y	Margin Total margin in currency 2
STA_CUBE_HOUR	SUM_MARGIN3	created in 3.8.0	NUMBER	22	Y	Margin Total margin in currency 2
STA_CUBE_HOUR	SUM_SRC_CHARGE2	created in 3.8.0	NUMBER	22	Y	Client charge Total client revenue in currency 2
STA_CUBE_HOUR	SUM_SRC_CHARGE3	created in 3.8.0	NUMBER	22	Y	Client charge Total client revenue in currency 2
STA_CUBE_HOUR	SUM_SRC_CONN_FEE2	created in 3.8.0	NUMBER	22	Y	Total client connection fee in currency 2



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
STA_CUBE_HOUR	SUM_SRC_CONN_FEE3	created in 3.8.0	NUMBER	22	Y	Total client connection fee in currency 3
STA_CUBE_MANAGER_D AY	AVG_JITTER	created in 3.8.0	NUMBER	22	Y	Average jitter
STA_CUBE_MANAGER_D AY	AVG_MOS	created in 3.8.0	NUMBER	22	Y	Average MOS
STA_CUBE_MANAGER_D AY	COUNT_DROPPED	created in 3.8.0	NUMBER	22	Y	Dropped calls count
STA_CUBE_MANAGER_D AY	MAX_JITTER	created in 3.8.0	NUMBER	22	Y	Max. jitter
STA_CUBE_MANAGER_D AY	MAX_MOS	created in 3.8.0	NUMBER	22	Y	Max. MOS
STA_CUBE_MANAGER_D AY	MIN_JITTER	created in 3.8.0	NUMBER	22	Y	Min. jitter
STA_CUBE_MANAGER_D AY	MIN_MOS	created in 3.8.0	NUMBER	22	Y	Min. MOS



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
STA_CUBE_MANAGER_D AY	SUM_DST_CHARGE2	created in 3.8.0	NUMBER	22	Y	Vendor charge in currency 2
STA_CUBE_MANAGER_D AY	SUM_DST_CHARGE3	created in 3.8.0	NUMBER	22	Y	Vendor charge in currency 3
STA_CUBE_MANAGER_D AY	SUM_DST_CONN_FEE2	created in 3.8.0	NUMBER	22	Y	Sum of vendor connection fees in currency 2
STA_CUBE_MANAGER_D AY	SUM_DST_CONN_FEE3	created in 3.8.0	NUMBER	22	Y	Sum of vendor connection fees in currency 3
STA_CUBE_MANAGER_D AY	SUM_MARGIN2	created in 3.8.0	NUMBER	22	Y	Margin in currency 2
STA_CUBE_MANAGER_D AY	SUM_MARGIN3	created in 3.8.0	NUMBER	22	Y	Margin in currency 2
STA_CUBE_MANAGER_D AY	SUM_SRC_CHARGE2	created in 3.8.0	NUMBER	22	Y	Client charge in currency 2
STA_CUBE_MANAGER_D AY	SUM_SRC_CHARGE3	created in 3.8.0	NUMBER	22	Y	Client charge in currency 3



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
STA_CUBE_MANAGER_D AY	SUM_SRC_CONN_FEE2	created in 3.8.0	NUMBER	22	Y	Total client connection fee in currency 2
STA_CUBE_MANAGER_D AY	SUM_SRC_CONN_FEE3	created in 3.8.0	NUMBER	22	Y	Total client connection fee in currency 3
STA_CUBE_MANAGER_H OUR	AVG_JITTER	created in 3.8.0	NUMBER	22	Y	Average jitter
STA_CUBE_MANAGER_H OUR	AVG_MOS	created in 3.8.0	NUMBER	22	Y	Average MOS
STA_CUBE_MANAGER_H OUR	COUNT_DROPPED	created in 3.8.0	NUMBER	22	Y	Dropped calls count
STA_CUBE_MANAGER_H OUR	MAX_JITTER	created in 3.8.0	NUMBER	22	Y	Max. jitter
STA_CUBE_MANAGER_H OUR	MAX_MOS	created in 3.8.0	NUMBER	22	Y	Max. MOS
STA_CUBE_MANAGER_H OUR	MIN_JITTER	created in 3.8.0	NUMBER	22	Y	Min. jitter



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
STA_CUBE_MANAGER_HOUR	MIN_MOS	created in 3.8.0	NUMBER	22	Y	Min. MOS
STA_CUBE_MANAGER_HOUR	SUM_DST_CHARGE2	created in 3.8.0	NUMBER	22	Y	Vendor charge in currency 2
STA_CUBE_MANAGER_HOUR	SUM_DST_CHARGE3	created in 3.8.0	NUMBER	22	Y	Vendor charge in currency 3
STA_CUBE_MANAGER_HOUR	SUM_DST_CONN_FEE2	created in 3.8.0	NUMBER	22	Y	Sum of vendor connection fees in currency 2
STA_CUBE_MANAGER_HOUR	SUM_DST_CONN_FEE3	created in 3.8.0	NUMBER	22	Y	Sum of vendor connection fees in currency 3
STA_CUBE_MANAGER_HOUR	SUM_MARGIN2	created in 3.8.0	NUMBER	22	Y	Margin in currency 2
STA_CUBE_MANAGER_HOUR	SUM_MARGIN3	created in 3.8.0	NUMBER	22	Y	Margin in currency 2
STA_CUBE_MANAGER_HOUR	SUM_SRC_CHARGE2	created in 3.8.0	NUMBER	22	Y	Client charge in currency 2



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
STA_CUBE_MANAGER_HOUR	SUM_SRC_CHARGE3	created in 3.8.0	NUMBER	22	Y	Client charge in currency 3
STA_CUBE_MANAGER_HOUR	SUM_SRC_CONN_FEE2	created in 3.8.0	NUMBER	22	Y	Total client connection fee in currency 2
STA_CUBE_MANAGER_HOUR	SUM_SRC_CONN_FEE3	created in 3.8.0	NUMBER	22	Y	Total client connection fee in currency 3
STA_CUBE_MANAGER_MIN	AVG_JITTER	created in 3.8.0	NUMBER	22	Y	Average jitter
STA_CUBE_MANAGER_MIN	AVG_MOS	created in 3.8.0	NUMBER	22	Y	Average MOS
STA_CUBE_MANAGER_MIN	COUNT_DROPPED	created in 3.8.0	NUMBER	22	Y	Dropped calls count
STA_CUBE_MANAGER_MIN	MAX_JITTER	created in 3.8.0	NUMBER	22	Y	Max. jitter
STA_CUBE_MANAGER_MIN	MAX_MOS	created in 3.8.0	NUMBER	22	Y	Max. MOS



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
STA_CUBE_MANAGER_MIN	MIN_JITTER	created in 3.8.0	NUMBER	22	Y	Min. jitter
STA_CUBE_MANAGER_MIN	MIN_MOS	created in 3.8.0	NUMBER	22	Y	Min. MOS
STA_CUBE_MANAGER_MIN	SUM_DST_CHARGE2	created in 3.8.0	NUMBER	22	Y	Vendor charge in currency 2
STA_CUBE_MANAGER_MIN	SUM_DST_CHARGE3	created in 3.8.0	NUMBER	22	Y	Vendor charge in currency 3
STA_CUBE_MANAGER_MIN	SUM_DST_CONN_FEE2	created in 3.8.0	NUMBER	22	Y	Sum of vendor connection fees in currency 2
STA_CUBE_MANAGER_MIN	SUM_DST_CONN_FEE3	created in 3.8.0	NUMBER	22	Y	Sum of vendor connection fees in currency 3
STA_CUBE_MANAGER_MIN	SUM_MARGIN2	created in 3.8.0	NUMBER	22	Y	Margin in currency 2
STA_CUBE_MANAGER_MIN	SUM_MARGIN3	created in 3.8.0	NUMBER	22	Y	Margin in currency 2



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
STA_CUBE_MANAGER_MIN	SUM_SRC_CHARGE2	created in 3.8.0	NUMBER	22	Y	Client charge in currency 2
STA_CUBE_MANAGER_MIN	SUM_SRC_CHARGE3	created in 3.8.0	NUMBER	22	Y	Client charge in currency 3
STA_CUBE_MANAGER_MIN	SUM_SRC_CONN_FEE2	created in 3.8.0	NUMBER	22	Y	Total client connection fee in currency 2
STA_CUBE_MANAGER_MIN	SUM_SRC_CONN_FEE3	created in 3.8.0	NUMBER	22	Y	Total client connection fee in currency 3
STA_CUBE_MANAGER_MONTH	AVG_JITTER	created in 3.8.0	NUMBER	22	Y	Average jitter
STA_CUBE_MANAGER_MONTH	AVG_MOS	created in 3.8.0	NUMBER	22	Y	Average MOS
STA_CUBE_MANAGER_MONTH	COUNT_DROPPED	created in 3.8.0	NUMBER	22	Y	Dropped calls count
STA_CUBE_MANAGER_MONTH	MAX_JITTER	created in 3.8.0	NUMBER	22	Y	Max. jitter



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
STA_CUBE_MANAGER_MONTH	MAX_MOS	created in 3.8.0	NUMBER	22	Y	Max. MOS
STA_CUBE_MANAGER_MONTH	MIN_JITTER	created in 3.8.0	NUMBER	22	Y	Min. jitter
STA_CUBE_MANAGER_MONTH	MIN_MOS	created in 3.8.0	NUMBER	22	Y	Min. MOS
STA_CUBE_MANAGER_MONTH	SUM_DST_CHARGE2	created in 3.8.0	NUMBER	22	Y	Vendor charge in currency 2
STA_CUBE_MANAGER_MONTH	SUM_DST_CHARGE3	created in 3.8.0	NUMBER	22	Y	Vendor charge in currency 3
STA_CUBE_MANAGER_MONTH	SUM_DST_CONN_FEE2	created in 3.8.0	NUMBER	22	Y	Sum of vendor connection fees in currency 2
STA_CUBE_MANAGER_MONTH	SUM_DST_CONN_FEE3	created in 3.8.0	NUMBER	22	Y	Sum of vendor connection fees in currency 3
STA_CUBE_MANAGER_MONTH	SUM_MARGIN2	created in 3.8.0	NUMBER	22	Y	Margin in currency 2



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
STA_CUBE_MANAGER_MONTH	SUM_MARGIN3	created in 3.8.0	NUMBER	22	Y	Margin in currency 2
STA_CUBE_MANAGER_MONTH	SUM_SRC_CHARGE2	created in 3.8.0	NUMBER	22	Y	Client charge in currency 2
STA_CUBE_MANAGER_MONTH	SUM_SRC_CHARGE3	created in 3.8.0	NUMBER	22	Y	Client charge in currency 3
STA_CUBE_MANAGER_MONTH	SUM_SRC_CONN_FEE2	created in 3.8.0	NUMBER	22	Y	Total client connection fee in currency 2
STA_CUBE_MANAGER_MONTH	SUM_SRC_CONN_FEE3	created in 3.8.0	NUMBER	22	Y	Total client connection fee in currency 3
STA_CUBE_MANAGER_WEEK	AVG_JITTER	created in 3.8.0	NUMBER	22	Y	Average jitter
STA_CUBE_MANAGER_WEEK	AVG_MOS	created in 3.8.0	NUMBER	22	Y	Average MOS
STA_CUBE_MANAGER_WEEK	COUNT_DROPPED	created in 3.8.0	NUMBER	22	Y	Dropped calls count



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
STA_CUBE_MANAGER_WEEK	MAX_JITTER	created in 3.8.0	NUMBER	22	Y	Max. jitter
STA_CUBE_MANAGER_WEEK	MAX_MOS	created in 3.8.0	NUMBER	22	Y	Max. MOS
STA_CUBE_MANAGER_WEEK	MIN_JITTER	created in 3.8.0	NUMBER	22	Y	Min. jitter
STA_CUBE_MANAGER_WEEK	MIN_MOS	created in 3.8.0	NUMBER	22	Y	Min. MOS
STA_CUBE_MANAGER_WEEK	SUM_DST_CHARGE2	created in 3.8.0	NUMBER	22	Y	Vendor charge in currency 2
STA_CUBE_MANAGER_WEEK	SUM_DST_CHARGE3	created in 3.8.0	NUMBER	22	Y	Vendor charge in currency 3
STA_CUBE_MANAGER_WEEK	SUM_DST_CONN_FEE2	created in 3.8.0	NUMBER	22	Y	Sum of vendor connection fees in currency 2
STA_CUBE_MANAGER_WEEK	SUM_DST_CONN_FEE3	created in 3.8.0	NUMBER	22	Y	Sum of vendor connection fees in currency 3



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
STA_CUBE_MANAGER_WEEK	SUM_MARGIN2	created in 3.8.0	NUMBER	22	Y	Margin in currency 2
STA_CUBE_MANAGER_WEEK	SUM_MARGIN3	created in 3.8.0	NUMBER	22	Y	Margin in currency 2
STA_CUBE_MANAGER_WEEK	SUM_SRC_CHARGE2	created in 3.8.0	NUMBER	22	Y	Client charge in currency 2
STA_CUBE_MANAGER_WEEK	SUM_SRC_CHARGE3	created in 3.8.0	NUMBER	22	Y	Client charge in currency 3
STA_CUBE_MANAGER_WEEK	SUM_SRC_CONN_FEE2	created in 3.8.0	NUMBER	22	Y	Total client connection fee in currency 2
STA_CUBE_MANAGER_WEEK	SUM_SRC_CONN_FEE3	created in 3.8.0	NUMBER	22	Y	Total client connection fee in currency 3
STA_CUBE_MIN	AVG_JITTER	created in 3.8.0	NUMBER	22	Y	Average jitter
STA_CUBE_MIN	AVG_MOS	created in 3.8.0	NUMBER	22	Y	Average MOS
STA_CUBE_MIN	COUNT_DROPPED	created in 3.8.0	NUMBER	22	Y	Dropped calls count



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
STA_CUBE_MIN	MAX_JITTER	created in 3.8.0	NUMBER	22	Y	Max. jitter
STA_CUBE_MIN	MAX_MOS	created in 3.8.0	NUMBER	22	Y	Max. MOS
STA_CUBE_MIN	MIN_JITTER	created in 3.8.0	NUMBER	22	Y	Min. jitter
STA_CUBE_MIN	MIN_MOS	created in 3.8.0	NUMBER	22	Y	Min. MOS
STA_CUBE_MIN	SUM_DST_CHARGE2	created in 3.8.0	NUMBER	22	Y	Total vendor cost in currency 2 Vendor charge
STA_CUBE_MIN	SUM_DST_CHARGE3	created in 3.8.0	NUMBER	22	Y	Total vendor cost in currency 2 Vendor charge
STA_CUBE_MIN	SUM_DST_CONN_FEE2	created in 3.8.0	NUMBER	22	Y	Sum of vendor connection fees in currency 2
STA_CUBE_MIN	SUM_DST_CONN_FEE3	created in 3.8.0	NUMBER	22	Y	Sum of vendor connection fees in currency 3
STA_CUBE_MIN	SUM_MARGIN2	created in 3.8.0	NUMBER	22	Y	Margin Total margin in currency 2



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
STA_CUBE_MIN	SUM_MARGIN3	created in 3.8.0	NUMBER	22	Y	Margin Total margin in currency 2
STA_CUBE_MIN	SUM_SRC_CHARGE2	created in 3.8.0	NUMBER	22	Y	Client charge Total client revenue in currency 2
STA_CUBE_MIN	SUM_SRC_CHARGE3	created in 3.8.0	NUMBER	22	Y	Client charge Total client revenue in currency 2
STA_CUBE_MIN	SUM_SRC_CONN_FEE2	created in 3.8.0	NUMBER	22	Y	Total client connection fee in currency 2
STA_CUBE_MIN	SUM_SRC_CONN_FEE3	created in 3.8.0	NUMBER	22	Y	Total client connection fee in currency 3
STA_CUBE_MONTH	AVG_JITTER	created in 3.8.0	NUMBER	22	Y	Average jitter
STA_CUBE_MONTH	AVG_MOS	created in 3.8.0	NUMBER	22	Y	Average MOS
STA_CUBE_MONTH	COUNT_DROPPED	created in 3.8.0	NUMBER	22	Y	Dropped calls count
STA_CUBE_MONTH	MAX_JITTER	created in 3.8.0	NUMBER	22	Y	Max. jitter



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
STA_CUBE_MONTH	MAX_MOS	created in 3.8.0	NUMBER	22	Y	Max. MOS
STA_CUBE_MONTH	MIN_JITTER	created in 3.8.0	NUMBER	22	Y	Min. jitter
STA_CUBE_MONTH	MIN_MOS	created in 3.8.0	NUMBER	22	Y	Min. MOS
STA_CUBE_MONTH	SUM_DST_CHARGE2	created in 3.8.0	NUMBER	22	Y	Total vendor cost in currency 2 Vendor charge
STA_CUBE_MONTH	SUM_DST_CHARGE3	created in 3.8.0	NUMBER	22	Y	Total vendor cost in currency 2 Vendor charge
STA_CUBE_MONTH	SUM_DST_CONN_FEE2	created in 3.8.0	NUMBER	22	Y	Sum of vendor connection fees in currency 2
STA_CUBE_MONTH	SUM_DST_CONN_FEE3	created in 3.8.0	NUMBER	22	Y	Sum of vendor connection fees in currency 3
STA_CUBE_MONTH	SUM_MARGIN2	created in 3.8.0	NUMBER	22	Y	Margin Total margin in currency 2
STA_CUBE_MONTH	SUM_MARGIN3	created in 3.8.0	NUMBER	22	Y	Margin Total margin in currency 2



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
STA_CUBE_MONTH	SUM_SRC_CHARGE2	created in 3.8.0	NUMBER	22	Y	Client charge Total client revenue in currency 2
STA_CUBE_MONTH	SUM_SRC_CHARGE3	created in 3.8.0	NUMBER	22	Y	Client charge Total client revenue in currency 2
STA_CUBE_MONTH	SUM_SRC_CONN_FEE2	created in 3.8.0	NUMBER	22	Y	Total client connection fee in currency 2
STA_CUBE_MONTH	SUM_SRC_CONN_FEE3	created in 3.8.0	NUMBER	22	Y	Total client connection fee in currency 3
STA_CUBE_WEEK	AVG_JITTER	created in 3.8.0	NUMBER	22	Y	Average jitter
STA_CUBE_WEEK	AVG_MOS	created in 3.8.0	NUMBER	22	Y	Average MOS
STA_CUBE_WEEK	COUNT_DROPPED	created in 3.8.0	NUMBER	22	Y	Dropped calls count
STA_CUBE_WEEK	MAX_JITTER	created in 3.8.0	NUMBER	22	Y	Max. jitter
STA_CUBE_WEEK	MAX_MOS	created in 3.8.0	NUMBER	22	Y	Max. MOS



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
STA_CUBE_WEEK	MIN_JITTER	created in 3.8.0	NUMBER	22	Y	Min. jitter
STA_CUBE_WEEK	MIN_MOS	created in 3.8.0	NUMBER	22	Y	Min. MOS
STA_CUBE_WEEK	SUM_DST_CHARGE2	created in 3.8.0	NUMBER	22	Y	Total vendor cost in currency 2 Vendor charge
STA_CUBE_WEEK	SUM_DST_CHARGE3	created in 3.8.0	NUMBER	22	Y	Total vendor cost in currency 2 Vendor charge
STA_CUBE_WEEK	SUM_DST_CONN_FEE2	created in 3.8.0	NUMBER	22	Y	Sum of vendor connection fees in currency 2
STA_CUBE_WEEK	SUM_DST_CONN_FEE3	created in 3.8.0	NUMBER	22	Y	Sum of vendor connection fees in currency 3
STA_CUBE_WEEK	SUM_MARGIN2	created in 3.8.0	NUMBER	22	Y	Margin Total margin in currency 2
STA_CUBE_WEEK	SUM_MARGIN3	created in 3.8.0	NUMBER	22	Y	Margin Total margin in currency 2



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
STA_CUBE_WEEK	SUM_SRC_CHARGE2	created in 3.8.0	NUMBER	22	Y	Client charge Total client revenue in currency 2
STA_CUBE_WEEK	SUM_SRC_CHARGE3	created in 3.8.0	NUMBER	22	Y	Client charge Total client revenue in currency 2
STA_CUBE_WEEK	SUM_SRC_CONN_FEE2	created in 3.8.0	NUMBER	22	Y	Total client connection fee in currency 2
STA_CUBE_WEEK	SUM_SRC_CONN_FEE3	created in 3.8.0	NUMBER	22	Y	Total client connection fee in currency 3
STA_EXP_DATA	CDR_JITTER_AVG	created in 3.8.0	NUMBER	22	Y	Average jitter
STA_EXP_DATA	CDR_JITTER_MAX	created in 3.8.0	NUMBER	22	Y	Max jitter
STA_EXP_DATA	CDR_JITTER_MIN	created in 3.8.0	NUMBER	22	Y	Min jitter
STA_EXP_DATA	CDR_MOS_AVG	created in 3.8.0	NUMBER	22	Y	Average MOS
STA_EXP_DATA	CDR_MOS_MAX	created in 3.8.0	NUMBER	22	Y	Max MOS



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
STA_EXP_DATA	CDR_MOS_MIN	created in 3.8.0	NUMBER	22	Y	Min MOS
STA_EXP_DATA	DST_PORT	created in 3.8.0	NUMBER	22	Y	Vendor port
STA_EXP_DATA	SRC_PORT	created in 3.8.0	NUMBER	22	Y	Client port
STA_RAW	CDR_JITTER_AVG	created in 3.8.0	NUMBER	22	Y	Average jitter
STA_RAW	CDR_JITTER_MAX	created in 3.8.0	NUMBER	22	Y	Max jitter
STA_RAW	CDR_JITTER_MIN	created in 3.8.0	NUMBER	22	Y	Min jitter
STA_RAW	CDR_MOS_AVG	created in 3.8.0	NUMBER	22	Y	Average MOS
STA_RAW	CDR_MOS_MAX	created in 3.8.0	NUMBER	22	Y	Max MOS
STA_RAW	CDR_MOS_MIN	created in 3.8.0	NUMBER	22	Y	Min MOS
STA_RAW	DST_PORT	created in 3.8.0	NUMBER	22	Y	Vendor port
STA_RAW	SRC_PORT	created in 3.8.0	NUMBER	22	Y	Client port



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
STA_RAW_ARCHIVE	CDR_JITTER_AVG	created in 3.8.0	NUMBER	22	Y	Average jitter
STA_RAW_ARCHIVE	CDR_JITTER_MAX	created in 3.8.0	NUMBER	22	Y	Max jitter
STA_RAW_ARCHIVE	CDR_JITTER_MIN	created in 3.8.0	NUMBER	22	Y	Min jitter
STA_RAW_ARCHIVE	CDR_MOS_AVG	created in 3.8.0	NUMBER	22	Y	Average MOS
STA_RAW_ARCHIVE	CDR_MOS_MAX	created in 3.8.0	NUMBER	22	Y	Max MOS
STA_RAW_ARCHIVE	CDR_MOS_MIN	created in 3.8.0	NUMBER	22	Y	Min MOS
STA_RAW_ARCHIVE	DST_PORT	created in 3.8.0	NUMBER	22	Y	Vendor port
STA_RAW_ARCHIVE	SRC_PORT	created in 3.8.0	NUMBER	22	Y	Client port
STA_RAW_MERGE_TMP	CLI_RATE_SCHEME_ID	deleted in 3.8.0	NUMBER	22	Y	Client Rate Scheme
STA_RAW_MERGE_TMP	DST_PORT	created in 3.8.0	NUMBER	22	Y	vendor port
STA_RAW_MERGE_TMP	SRC_PORT	created in 3.8.0	NUMBER	22	Y	client port



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
STA_RAW_MERGE_TMP	VND_RATE_SCHEME_ID	deleted in 3.8.0	NUMBER	22	Y	Vendor Rate Scheme
TRD_SWAP	LAST_MODIFIED	created in 3.8.0	DATE	7	Y	last_modified
VBD_ORIGIN_GROUP	-- Table --	created in 3.8.0				Origin group of Volume base Deal
VBD_ORIGIN_GROUP	ANI_GRP_ID	created in 3.8.0	NUMBER	22	Y	ID origin group
VBD_ORIGIN_GROUP	DEAL_ID	created in 3.8.0	NUMBER	22	Y	Deal ID



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
POST:activate_user	activation_url	created in 3.8.0	Activate new user after register	0	Activation URL	0	0	string	body		
GET:sms_edr	cnt	created in 3.8.0	Get SMS EDR list	1	cnt	1	1	integer	body	4	
GET:sms_edr	vendor_product_id	created in 3.8.0	Get SMS EDR list	1	Vendor Product ID	0	0	integer	query		
GET:user	lang	changed in 3.8.0	Get user list	1	User language (Currently supported: [ENG], ESP, RUS, ITA)	1	1	string	body	12	{ "type": "list", "values": ["ENG", "ESP", "RUS", "ITA"] }
POST:user	lang	changed in 3.8.0	Add new user	1	User language (Currently	0	0	string	body		{ "type": "list",



REST API changes

Resource	Parameter	Change	Description	Auth required	Parameter descr.	Direction	Param. required	Param. type	Param. in	Order index	Validation json
					supported: [ENG], ESP, RUS, ITA)						"values": ["ENG", "ESP", "RUS", "ITA"] }
POST:user	user_2fa_enabled	created in 3.8.0	Add new user	1	user_2fa_enabled code	0	0	number	body		{"type":"list", "values":[0,1]}
GET:user/{id}	lang	changed in 3.8.0	Get specific user	1	User language (Currently supported: [ENG], ESP, RUS, ITA)	1	1	string	body		{ "type": "list", "values": ["ENG", "ESP", "RUS", "ITA"] }
PUT:user/{id}	lang	changed in 3.8.0	Update specific user	1	User language (Currently supported: [ENG], ESP, RUS, ITA)	0	0	string	body		{ "type": "list", "values": ["ENG", "ESP", "RUS", "ITA"] }