

Route Assistant Android - Release Notes

Version	Release Date	Minimum Required ABS <i>Solute</i> Release
13.24	5-MAR-2025	9.03.03

- Adjusted full crediting functionality (RASAN-34)
- Quantity of billed loss items is now correctly displayed (RASAN-67)
- Fixed display of already uploaded stops (RASAN-94)
- Ordering transactions now correctly upload for off-cycle customers (RASAN-105)

Version	Release Date	Minimum Required ABS <i>Solute</i> Release
13.23	15-JAN-2025	9.03.03

- Enhanced error message clarity (RASA-4389)
- Added integration with external app (RASA-4393)
- Optimized button layout for Spanish (RASA-4504)
- Improved processing of one off order transactions (RASA-4505)
- Corrected processing of billing method 6 products (RASA-4508)

Version	Release Date	Minimum Required ABS <i>Solute</i> Release
13.22	5-NOV-2024	9.03.03

- Updated tax calculation for loss charge (RASA-4201)
- Extra items can be ordered after visiting customers (RASA-4233)
- Added new button for deleting all new images for specific location (RASA-4344)
- Added possibility to restrict the option to mark contact categories as complete (RASA-4354)
- Fix crash occurring when navigating back after selecting a grade (RASA-4374)
- Moving of temporary / permanent stops message is now shown only once (RASA-4432)
- Fixed an issue where special charges with a fixed amount were being adjusted (RASA-4438)
- First Aid Service tasks are now saved for each route (RASA-4467)
- Already uploaded messages can no longer be modified (RASA-4470)
- Added the option to skip location retrieval when location cannot be retrieved (RASA-4477)
- The Replacement Remark dialog is now optimized for smaller devices (RASA-4478)
- The scan field now automatically focused on Service screen (RASA-4479)
- Updated application permissions (RASA-4492)

Version	Release Date	Minimum Required ABS <i>Solute</i> Release
13.21	06-SEPT-2024	9.03.03

- Auto Upload Interval (Minutes) is no more editable in "View mode" (RASA-4443)
- Ordered quantities are now correctly displayed on "Service" screen (RASA-4446)

Version	Release Date	Minimum Required <i>ABSSolute</i> Release
13.20	28-AUG-2024	9.03.03

- Route is now correctly uploaded when Capture GPS Location is enabled (RASA-4441)

Version	Release Date	Minimum Required <i>ABSSolute</i> Release
13.19	23-AUG-2024	9.03.03

- Route Assistant has a fresh new look (RASA-3375)
- Messages button is now shown also for off cycle customers (RASA-4191)
- Added auto upload mechanism for synchronization of stops (RASA-4266)
- Added functionality for trade sales wearer (RASA-4384)

Version	Release Date	Minimum Required <i>ABSSolute</i> Release
13.18	26-JUL-2024	9.03.03

- Added warning for seasonal products (RASA-3906)
- Added new filters based on consumption points for product ordering and delivery pickup info (RASA-3982)
- Empty spaces are no longer allowed for scanning (RASA-4057)
- Improved user experience for contract priority (RASA-4131)
- New Functionality: Products can be ordered from Ordering screen (RASA-4139)
- Updated calculation of adjusted amount for special charge (RASA-4200)
- Buttons are now correctly enabled and disabled for product grades (RASA-4221)
- Soil scanned items is now allowed for IDs that are not in the database with specific settings (RASA-4225)
- Updated calculation of adjusted amount for loss charge (RASA-4234)
- Finance charge can now be adjusted (RASA-4268)
- Exclamation mark is now correctly displayed for messages (RASA-4326)
- Product sizes are now correctly displayed in Stop info screen (RASA-4355)
- Corrected visual overlap in Route info screen (RASA-4360)
- Save button is now correctly enabled and disabled when selecting "Mark as completed" option for messages (RASA-4366)
- Products not checked for delivery are correctly displayed (RASA-4369)

Version	Release Date	Minimum Required <i>ABSSolute</i> Release
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13.17 **02-MAY-2024** **9.03.03**

- Number of containers is now correctly displayed on “Unload” screen (RASA-4168)
- Fixed text display issue for large emblem template description (RASA-4164)
- Open Work Orders can now be canceled when quitting a wearer (RASA-4202)
- Garment scanning is now blocked when wearer inventory has been billed for loss (RASA-4203)
- Fixed the problem with unchecking “Follow-up Needed” on “Contact” screen (RASA-4206)
- Fixed the issue with invoicing ruin charge multiple times (RASA-4227)
- Imagecare price is now correctly copied from contract product to the customer PLPC upon route settlement (RASA-4249)
- Imagecare price is now correctly saved after updating it (RASA-4257)
- Fixed the problem with missing reason code when adjusting loss charge (RASA-4261)
- Remove support for Czech and Hungarian language (RASA-4207)

Version	Release Date	Minimum Required <i>ABSSolute</i> Release
13.16	11-JAN-2024	9.03.03

- Delivery quantities are now correctly displayed in stop screen (RASA-4091)
- Increased “signed by” field to support 15 characters (RASA-3939)
- Phased-in products can be used while using make alike functionality (RASA-4018)

Version	Release Date	Minimum Required <i>ABSSolute</i> Release
13.15	27-DEC-2023	9.03.03

- Fixed the problem causing the erase of the credentials on application crash (RASA-4093)
- List of items to be returned are now correctly displayed when data is retrieved from server (RASA-4114)
- Fixed the issue with having adjustment quantity greater than prebilled quantity (RASA-4162)
- Limit messages size from 4000 characters to 500 characters on Route Assistant (RASA-4174)
- Tax adjustment is now recalculated correctly (RASA-4177)
- Original values are displayed correctly after undo bill all for loss (RASA-3938)
- Extending MAAT functionality with control on service items (RASA-4043)

Version	Release Date	Minimum Required <i>ABSSolute</i> Release
13.14	13-OCT-2023	9.03.03

- Added warning message for cabinet deletion (RASA-3830)
- Fixed text display issue in Route Info screen (RASA-4085)
- App version now is correctly updated on existing mobile devices (RASA-4098)
- Follow up must not be left empty for contact responses (RASA-4099)

- Circulating inventory is now correctly updated when quitting BM6 contract products (RASA-4104)
- Standard delivery lines were corrected for particular cases of PLPC creation (RASA-4107)
- Added message for notifying users that stops with number 0 cannot be moved (RASA-4110)
- Corrected field for no scan delivery (RASA-4127)

Version	Release Date	Minimum Required <i>ABSSolute</i> Release
13.13	10-AUG-2023	9.03.03

- Added ability to end route without doing the delivery scans (RASA-3533)
- Increased address information size to 40 characters (RASA-3930)
- Secondary id codes are also taken into account for delivery scanning (RASA-3933)
- Extra mat carry units can be successfully added now (RASA-4029)
- Ordered quantities are now correctly displayed when scrolling (RASA-4064)

Version	Release Date	Minimum Required <i>ABSSolute</i> Release
13.12	18-JUL-2023	9.03.03

- Added possibility to configure stop action icon order (RASA-2766)
- Adding filtering option for products in order now and order delivery later screens (RASA-3255)
- Sales products are allowed to be added with quantity 0 and frequency of once (RASA-4008)
- Delivery quantity is changed after doing an invoice line (RASA-4030)

Version	Release Date	Minimum Required <i>ABSSolute</i> Release
13.11	30-JUN-2023	9.03.03

- Added division description on stops (RASA-3523)
- Reason codes are no longer displayed as duplicated (RASA-3829)
- It is no longer possible to make a second payment on an invoice (RASA-3880)
- Fixed displaying of business hours for specific conditions (RASA-3884)
- Fixed live synchronization of contact messages (RASA-3886)
- Download is now properly working for departments with no service days (RASA-4025)

Version	Release Date	Minimum Required <i>ABSSolute</i> Release
13.10	20-APR-2023	9.03.03

- Fixed problem regarding MAAT settings being wiped when a second route is downloaded on RA (RASA-3920)

- Fixed user experience on settling an invoice on RA (RASA-3730)
- Now the delivery point description is shown in Stop Info and Stop Arrival Info screens. (RASA-3325)
- Fixed problem with scanning garments for quit wearers (RASA-3902)
- Now user can select No Signature Available option for settling the invoice (RASA-3844)
- Fixed problem regarding percentage based special charge (RASA-3925)

Version	Release Date	Minimum Required <i>ABSSolute</i> Release
13.09	17-FEB-2023	9.03.03

- Added character limit on invoice line quantity adjustment (RASA-3868)
- Wearer can be quit when he has work orders in progress in special conditions (RASA-3870)
- Paid in Advance information is correctly displayed on Del-To Customer in Customer Financial Details after applying filtering (RASA-3601)
- Added a correct message for a multiple bank and lockers wearer when try to change with an existing one (RASA-3802)
- Fixed price decrease is now correctly updated under MAAT template for off cycle customers (RASA-3826)

Version	Release Date	Minimum Required <i>ABSSolute</i> Release
13.08	11-JAN-2023	9.03.03

- Solved issue when contact message on RA that is set as "block stop depart" can be viewed, not responded to, and red ! is cleared and response not mandated (RASA-3769)
- When new contact message arrives on app, should show label as "New", this was not happening (RASA-3769)
- When user exports database, a more improved dialog message is shown now (RASA-2797)
- Solved issue with cancelling one smart barcode decreasing 2 garments instead of one (RASA-3737)
- Now quitting a Wearer/Wearer Inventory with Work Order in progress is blocked (RASA-3759)
- New MAAT extension, restrictions added on Open Invoices/Payment attributes (RASA-3761)
- Solved issue regarding add a new wearer (RASA-3767)
- Solved performance issues regarding scanning large quantities (RASA-3575)
- Replacement price is added correctly in Product List per Customer for a newly installed First Aid Cabinet on RA (RASA-3795)

Version	Release Date	Minimum Required <i>ABSSolute</i> Release
13.07	28-NOV-2022	9.03.03

- When wearer inventory max inventory is set to 0 on *ABSSolute* before downloading route, size/style exchange and replace buttons are disabled now on RA. (RASA-3704)
- When entering adjustments in dollars on RA, now this is restricted via the Mobile Application Access Template. (RASA-3717)
- Solved issue with tax incorrectly recalculated when scan for returns were made on a loss charge invoice line created on app. (RASA-3688)
- Now user is not allowed to do a decrease of max inventory when there is already a loss charge invoice line for the wearer inventory on the current invoice. (RASA-3733)
- Now is available one off ordering for zero price items on RA. (RASA-3699)
- Solved issue with cancelling one smart barcode decreasing 2 garments instead of one. (RASA-3737)
- New improvements for Truck Pairing functionality. (RASA-3739)
- Solved issue with trying to do loss now on RA when invoice lines are present for loss. (RASA-3735)
- Now exclamation mark disappears when the messages are replied to, no matter the screen. (RASA-3754)

Version	Release Date	Minimum Required <i>ABSSolute</i> Release
13.06	28-OCT-2022	9.03.03

- New customized manual credit invoice process. Module CREDITFLOW is required for this (RASA-3695)
- Fixed an issue with delivery scans not processing (RASA-3709)
- Fixed an issue regarding deleting a route from Route Screen, now all records related to that route are deleted correctly (RASA-3684)

Version	Release Date	Minimum Required <i>ABSSolute</i> Release
13.05	7-OCT-2022	9.03.03

- Added possibility to open stops screen from another application (RASA-3089)
- Added password confirmation for exporting of database (RASA-3612)
- Added possibility to blocking manual counting of soil count products using AUTOSOILCOUNTOPTIONS system setting (RASA-3637)
- Improved performance of routes deletion (RASA-3646)

- Fixed a special case that caused a negative tax after crediting invoice lines (RASA-3649)
- Fixed a small display issue in Delivery Later screen (RASA-3651)
- Number of garments to be returned is now correctly displayed (RASA-3661)
- Camera and Gallery permissions support added for Android 11+ (RASA-3662)
- Net sales value from Ordering screen is now correctly displayed after quantity is deleted (RASA-3673)
- Driving date is now correctly set during upload (RASA-3680)

Version	Release Date	Minimum Required <i>ABSSolute</i> Release
13.04	21-SEP-2022	9.03.03

- Error messages are now correctly shown for billing method 6 (RASA-3540)
- Sign button is no longer enabled after the stop was visited (RASA-3594)
- Soil counting was disabled for billing method 6 (RASA-3603)
- Reason codes are now correctly populated for adjustments of invoices (RASA-3608)
- Fixed reason codes display problem for adjustments of invoices (RASA-3620)
- Test connection message is now properly shown (RASA- 3624)
- Fixed edit mileage button (RASA-3632)

Version	Release Date	Minimum Required <i>ABSSolute</i> Release
13.03	01-SEP-2022	9.03.03

- Default gender was changed to "I prefer not to say" (RASA-3595)
- Adding wearer in off-cycle screen is now working properly (RASA-3615)

Version	Release Date	Minimum Required <i>ABSSolute</i> Release
13.02	11-AUG-2022	9.03.03

- In some cases, when moving route stops on the RA (permanent move), after upload to ABS, route stops are duplicated (RASA-3561)
- In the case where there is already a loss line on the invoice (extended Y loss charge), the RA assumed it was created on this stop and adjusted the line. The RA was seeing this current invoice line as a bill loss now line so it was adjusting it when garments were returned, causing adjustment to go negative. (RASA-3415)
- New functionality: Truck Pairing is an order developed for RSRs to identify the truck they're driving on a daily basis. On the RA, it includes downloading data about trucks from Absolute (RASA-3499)

- Depart button was not active on some stops where there were no actions to be performed, so the RSR was unable to depart stop (RASA-3527)
- Could not scan smart barcodes when the same routes with two different dates were downloaded on the RA (RASA-3544)
- Collected amount in Payment Verification should be a mandated entry. It was possible to bypass it by pressing on the screen behind the pop-up. (RASA-3548)
- An error appeared in the RA logs after download for certain routes with bank and locker data (RASA-3266)
- An error appeared in the RA logs after download in certain cases (RASA-3571)
- Performance concerns raised when scanning hundreds to a thousand plus garments on the RA, action was taking up to 7 to 10 seconds per scan (RASA-3575)
- RA message when error occurs on connection test did not remain on the screen when using REST service (RASA-3511)
- New Functionality: Prevent soil entry greater than deviation percentage on RA (RASA-3526)
- Creating a wearer on RA for a customer that had ALL lockers occupied was creating a transaction with bank Code empty and error in logs (RASA-3577)

Version	Release Date	Minimum Required <i>ABSSolute</i> Release
13.01	04-JUL-2022	9.03.03

- Uploading of data is now working properly (RASA-3508)
- Pick Up counts now are correctly counted (RASA-3534)
- Delivery variations are now created when adding service items (RASA-3535)

Version	Release Date	Minimum Required <i>ABSSolute</i> Release
13.00	30-JUN-2022	9.03.03

- Fixed problems with contact information display (RASA-2870)
- Solved a problem with data update after sequential downloads (RASA-3185)
- No longer allowed to bypass adjustment percentage limit for MAAT (RASA-3459)
- Fixed a duplicate wearer issue when downloading a new route after completing one (RASA-3485)
- Now, closed contact messages are not loaded anymore (RASA-3521)
- Solved an issue with duplicate contacts (RASA-3522)
- Fixed a problem with soil counts not transferred to the server (RASA-3530)

Version	Release Date	Minimum Required <i>ABSSolute</i> Release
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12.21 **10-JUN-2022** **9.03.03**

- Fixed a problem with view not attached to window manager (RASA-3501)
- Fixed a problem with soil scan screen display error (RASA-3498)
- Now we use a custom toast with a pop-up when error occurs (RASA-3477)
- Fixed a problem when downloading a route then re-generating invoices and uploading the same route again (RASA-3462)

Version	Release Date	Minimum Required <i>ABSSolute</i> Release
12.20	01-JUN-2022	9.03.03

- Mobile access templates implementation is working if field value is greater than 5 digits (RASA-3423)
- Adjusting invoice lines when customers have no MAAT restrictions on invoice lines is now possible (RASA-3444)
- Fixed problem with displaying multiple CP for contract product management (RASA-3454)
- When using REST Services, fixed problem with downloading a route marked as "Ready for Transfer" while another one is "In Progress" (RASA-3395)
- Now when a download time-out appears on RA and user tries to re-download a route, if the route is still in progress at downloading, to avoid blocking sessions an informative message about the process appears on RA. After the downloading is finished, user can restart (RASA-3465)
- Fixed application stops when modifying only the remark field from a wearer inventory (RASA-3467)
- Editing and reentering a delivery CP for contract product management is working without any problem (RASA-3482)
- Prices are now saved correctly if they were increased on product in contract product management (RASA-3483)
- Soil Count Stop Actions button is enabled for some customers with soil tickets (RASA-3491)
- If there is no loss charge invoice line for return and an automatic return item is done, don't take another loss charge invoice exiting for the same product (RASA-3457)

Version	Release Date	Minimum Required <i>ABSSolute</i> Release
12.19	19-May-2022	9.03.03

- Fixed a problem regarding mobile access templates not working when changing stops (RASA-3209)

- Solved an issue with stop details screen not displaying all the information on different screen sizes (RASA-3426)
- Solved the was price not updating correctly after cancelling the transaction (RASA-3305)
- Removed the '?' from the check field when using Mobile Access Templates with option disable (RASA-3398)
- Fixed some issues regarding scanning garments on the RA (RASA-3427)
- Manual/Credit invoices are allowed to be assigned to a route that has a driver, but the driver is prevented from cancelling them (RASA-3320) – fix small problem

Version	Release Date	Minimum Required <i>ABSSolute</i> Release
12.18	06-May-2022	9.03.03

- Fixed a problem for route driving date updating wrongfully (RASA-3429)
- Added inventory information for order/delivery functionality (RASA-3254)
- Solved a problem for first delivery scheme not creating delivery variations (RASA-3396)
- Now, the visit minutes and travel time hold the correct information (RASA-3403)
- Mobile Application Access Template is applied with different price restrictions when adding or editing Route Service Contract Products (RASA-3283)

Version	Release Date	Minimum Required <i>ABSSolute</i> Release
12.17	27-Apr-2022	9.03.03

- Settle button is now enabled for a stop when upgrading from version RA 12.13. Invoices are also visible (RASA-3416)

Version	Release Date	Minimum Required <i>ABSSolute</i> Release
12.16	21-Apr-2022	9.03.03

- When entering settings screen, keyboard automatically opens with focus directly on Edit Mode field (RASA-3347)
- Age Dept in value from ERP tables can be used on app from now on, instead of calculated one (RASA-3290)
- When loss is returned on the route, tax is now adjusting correctly (RASA-3349)
- Manual/Credit invoices are allowed to be assigned to a route that has a driver, but the driver is prevented from cancelling them (RASA-3320)
- Now when scanning smart barcodes for serialized garment, the to be returned count does not deduct the non-serialized items from the total (RASA-3202)

- Solving several problems found, especially the app failing to work when selecting a service item (RASA-3392)
- Solved problem regarding showing the to be returned items when invoice line price and amount are 0 (RASA-3360)

Version	Release Date	Minimum Required <i>ABSSolute</i> Release
12.15	05-Apr-2022	9.03.03

- Fixed app crashing when ordering new quantities for a Service Item (RASA-3011)
- Take visibility of circulation inventory input field when modifying customer garment COG products (RASA-3334)
- MAAT Delivery Quantity field disabled status is not correctly considered when editing or adding a new contract product (RASA-3323)
- Fixed adjusting of tax lines when loss returned is adjusted with the remaining not scanned piece (RASA-3349)
- Now is possible to scan smart barcodes for moved routes also (RASA-3088)
- Now garments to be returned are shown to be scanned when quitting wearers (RASA-3360)

Version	Release Date	Minimum Required <i>ABSSolute</i> Release
12.14	18-Mar-2022	9.03.03

Changes:

- Frequency is now properly saved (RASA-2782)
- New functionality: Contact synchronization (RASA-2871)
- Removed billing quantity from Delivery/Collection screens of type Sales (RASA-2905)
- New functionality: Route payment collection confirmation options (RASA-2932)
- Routes are no longer inactivated when second route is downloaded (RASA-2934)
- New functionality: Added receipt of payment attribute for Mobile App Access Templates (RASA-3017)
- New functionality: Added reduction limit for Mobile App Access Templates (RASA-3092)
- Prices are now editable when adding a new contract product for Mobile App Access Templates (RASA-3093)
- Minimum wearer number that can be added was set to 1 (RASA-3183)
- Upload message is now correctly displayed (RASA-3233)
- Replace all functionality is now working properly for Mobile App Access Templates (RASA-3257)
- Fixed deletion of contact person (RASA-3258)
- Data from Route Tasks screen is now correctly displayed (RASA-3262)
- Fixed displaying of confirmation message in Mark Other Invoices (RASA-3264)
- Product code and Sale are now correctly displayed in Add Product screen (RASA-3266)
- Fixed Delivery Point Image synchronization errors (RASA-3273)

- Fixed focus problem for devices with Android 9+ (RASA-3293)
- Adjustments for invoices with no taxes are now correctly saved (RASA-3312)

Version	Release Date	Minimum Required ABSSolute Release
12.13	08-Feb-2022	9.03.03

Changes:

- New functionality: Added route payment collection confirmation options (RASA-2932)
- New functionality: Added possibility to sort invoices by locker number (RASA-3166)
- Inactive templates are now shown when modifying an inventory (RASA-3181)
- New Improvement: Added dialog for preparation of routes for avoiding freezing of the screen (RASA-3218)
- Modify wearer inventory transactions are now created only when a change was done to the wearer inventory (RASA-3222)
- Keyboard is now properly displayed in the Ordering screen (RASA-3225)
- Fixed name overlay issue for Contact Persons with longer names (RASA-3226)
- Fixed specific case that allowed modifying wearers (RASA-3234)
- Removed characters filter for unique item service cabinet codes (RASA-3246)

Version	Release Date	Minimum Required ABSSolute Release
12.12	21-Jan-2022	9.03.03

Changes:

- New functionality: Locker number can be seen in Invoice Lines screen (RASA-2995)
- Data is not downloading when is using web service REST (RASA-3047)
- Bagtag icon is not correctly shown in Stop info screen (RASA-3066)
- Soil Counts value is not correctly shown after Departure (RASA-3071)
- Replacement scanning of garment flagged as phase out is not allowed (RASA-3015)
- Adding sales product is not allowed for 0 qty delivery (RASA-3052)
- Background color of the pop-up message is not correctly colored when scanning a smart barcode (RASA-3067)
- Size is not correctly shown in Stop info screen (RASA-3080)
- New functionality: Make Truck Safety Check Compulsory at the end of a Route (RASA-2633)
- Make Like Wearer function is not working properly (RASA-3085)
- Tax is not calculated correctly (RASA-3109)
- Invoice adjustments on bill loss now on the RA by scanning is not working properly (RASA-3003)
- Software problem: Scanning of replacement is blocked when wearer inventory is inactive and do not let adjusted loss charges go negative (RASA-3090)
- Returned items total value is not correctly displayed when credit inv exists (RASA-3098)

- Crediting systematic replacement line does not create a credit on the tax line (RASA-3099)
- New functionality: Delivery/pick up qty is updated for corresponding Product-Size-Finishing Method when scanning an ID Code in Select product screen (RASA-3104)
- DeliveryPickUp is not retrieved by Product / Size / FM when scanning an ID Code (RASA-3105)
- Notification messages is not allowed reply, and not close (RASA-3108)
- Data is not downloading when is using web service REST (RASA-3111)
- Invoice header paythis amount and total tax fields are not updated after uploading (RASA-3126)
- Special characters are not shown in replied message (RASA-3192)
- Error is displayed when trying to add a new message (RASA-3205)
- Order now/deliver now new functionality (RASA-2389)
- One time PO management on RA / Priority field addition new functionality (RASA-2533)
- MatIDDTO is not downloaded when customer related is not on current route (RASA-3133)
- MatIDDTO data is not saved when using abs4mobileapps web service (RASA-3141)
- App is crashing when adjusting a General Sales Order Discount Line (RASA-3157)
- New name for Rest Web Service button (RASA-3163)
- Error is shown when a contact person is not defined for current customer (RASA-3210)

Version	Release Date	Minimum Required <i>ABSSolute</i> Release
12.11	Not released	9.03.03

Changes:

Version	Release Date	Minimum Required <i>ABSSolute</i> Release
12.10	13-Oct-2021	9.03.03

Changes:

- Stops that have delivery notes are now correctly downloaded (RASA-3016)
- Corrected invoice line adjustment for zero value invoice lines (RASA-3031)

Version	Release Date	Minimum Required <i>ABSSolute</i> Release
12.09	12-Oct-2021	9.03.03

Changes:

- Improved Bluetooth connection for TSL devices (RASA-3010)
- Added possibility to scroll in Service screen (RASA-3012)

Version	Release Date	Minimum Required <i>ABSSolute</i> Release
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12.08
30-Sep-2021
9.03.03

Changes:

- New functionality: The product size is now highlighted in a “bubble” and container stickers and transport articles number are now displayed in Stop Info screen (RASA-2270)
- Maps functionality is now working on Android 11 (RASA-2987)
- Delivery days are now correctly added when a new contract product is added (RASA-2709)
- Remark is now fixed for View Wearer Product screen (RASA-2867)
- Work orders are now generated for exchange orders (RASA-2884)
- Fixed barcode scanning for proof of visit (RASA-2893)
- Fixed problem that affected adding a new wearer (RASA-2945)
- Fixed problem that caused duplicate payments (RASA-2950)
- Emblem template is now correctly displayed for style exchange (RASA-2952)
- Fixed downloading of opened invoices (RASA-2963)
- Expected negative amounts are no longer shown (RASA-2843)
- Contact messages can now be saved without category (RASA-2865)
- Fixed a problem for delivery point images (RASA-2872)
- Container numbers are now correctly displayed (RASA-2911)
- Fixed a problem for product sort group (RASA-2960)
- Marking of other invoices can only be done once (RASA-2976)
- Decreasing of invoicing is now correctly working for the set decrease limit (RASA-2888)

Version

Release Date

 Minimum Required *ABSSolute* Release

12.07
20-July-2021
9.03.03

Changes:

- Solved problem: Error logs are displayed in logdb table when I export database from RASA (RASA-2786)
- Solved problem: Download route - soilcountlineDTO table is failing to get any data in upload (RASA-2824)
- Solved problem: Adjusting Linen Maintenance does not adjust tax (RASA-2856)
- Solved problem: Lock image blocks inventory when inventory is greater than 2 digits (RASA-2768)
- Solved problem: The Adjustment reason is not uploaded for full crediting an invoice on REST Services (RASA-2828)
- Solved problem: Route assistant should not show scan field if mattransport module is not active (RASA-2850)

Version

Release Date

 Minimum Required *ABSSolute* Release

12.06
30-June-2021
9.03.03

Changes:

- New functionality: Allow variable delivery quantities to be set on the Route Assistant. (RASA-2554)
- New functionality: Extend Robotium tests (RASA-2600)
- New functionality: Allow to display Customer Number in Stop Info page (RASA-2724)
- Solved problem regarding invoice contact person email that was not displayed in RA (RASA-2612)

- Solved problem regarding incorrect emblem template that was shown in Work Order Status Control (RASA-2731)
- Solved problem that occurred while upgrading the application (RASA-2743)
- Solved error that occurred while processing one route with quit products (RASA-2787)
- Solved problem related to start mileage accessibility (RASA-2155)
- Improve user experience to select by default reason code when there is only one available in scan for replacement screen (RASA-2387)
- Solved problems that appeared while removing or changing an emblem template (RASA-2665)
- Solved problem that appeared while trying to export database on a device that runs with Android 10 (RASA-2774)
- Solved problems that appeared after implementing Lock Down on Route Assistant (RASA-2776)

Version	Release Date	Minimum Required <i>ABSSolute</i> Release
12.05	26-May-2021	9.03.03

Changes:

- New functionality: Allow Soil Pick Up scan of Garments to scan for any customers of the route (RASA-2514)
- New functionality: Extend Robotium tests (RASA-2522)
- New functionality: Block decrease of max inventory when outstanding work orders exists on the wearer inventory (RASA-2706)
- Solved problem regarding crashing app when trying to click on Amount tab from Returned Items screen (RASA-2642)
- Solved problem regarding error message when System Setting “id-code check for on-site soil scan” is unchecked (RASA-2686)

Version	Release Date	Minimum Required <i>ABSSolute</i> Release
12.04	26-Apr-2021	9.03.03

Changes:

- New functionality: Migrate Route Assistant Android web services from SOAP to REST (RASA-2215)
- New functionality: Billing Method 6 Contract Management (modify) on RA (RASA-2513)
- New functionality: Billing Method 6 Contract Management (Add) on RA (RASA-2553)
- New functionality: Billing Method 6 -> RA Quantity Management Groups (RASA-2619)
- Solved a problem when nothing appeared at login with errors on server side (RASA-2626)
- Solved problem Contract products screen not scrolling correctly (RASA-2700)
- Solved problem with performance issue on downloading RS Contract and Products (RASA-2635)
- Solved problem when doing a style exchange on RA with a long remark (RASA-2643)
- Solved problem with installation of RASA (RASA-2655)
- Solved problem when Replace ALL button was available for a specific module when it should not (RASA-2683)
- Solved problem Contract products screen crashing when opened first time (RASA-2714)

Version	Release Date	Minimum Required <i>ABSSolute</i> Release
12.03	30-Mar-2021	9.03.03

Changes:

- New functionality: Route Assistant Extensions for mat carry units handling (RASA-1596)

- New functionality: Moved the processing of invoice crediting from Route Assistant to the server (RASA-2287)
- Solved problem when Power Slider was missing on the Soil Scan dialog (RASA-2328)
- Solved problem when changing emblem was allowed even if there was only one available (RASA-2474)
- Solved problem when a transaction is automatically created when it should not be (RASA-2555)
- Solved problem when invoices show with credits for loss charge that are larger than the billed amount (RASA-2628)
- New functionality: Rotate picture button (RASA-2190)
- Solved problem when a garment for replacement is scanning that is due to be returned (RASA-2397)
- New functionality: display reasons code order by sequence in dropdown (RASA-2415)
- Resources Translation for Route Assistant v12.xx (RASA-2583)
- Solved problem regarding crashing app when trying to scan garments (RASA-2593)

Version	Release Date	Minimum Required <i>ABSSolute</i> Release
12.02	26-Jan-2021	9.03.03

Changes:

- Removed unnecessary soil scan message (RASA-2271)
- New error message for scanning items which do not belong to a selected wearer (RASA-2312)
- New restriction to stop a style exchange for inactive products (RASA-2377)
- Multiple items can now be scanned for replacement (RASA-2386)
- New confirmation message for cases when no new information was downloaded and for the cases with no connection (RASA-2437)
- New restriction, smart barcodes cannot be scanned anymore for newly created wearers (RASA-2453)
- Fixed emblem template display problem (RASA-2465)
- Fixed display issue. Last scanned list is now fully visible in unload screen (RASA-2472)
- Fixed focus problem after scanning with the camera (RASA-2487)
- Fixed display issue with contact follow up date (RASA-2489)
- Improved scanning speed for delivery scans (RASA-2558)

Version	Release Date	Minimum Required <i>ABSSolute</i> Release
12.01	02-Dec-2020	9.03.03

Changes:

- Fixed downloading problem for Mobile Application Access Template (RASA-2413)

Version	Release Date	Minimum Required <i>ABSSolute</i> Release
12.00	25-Nov-2020	9.03.03

Changes:

- Total cost is displayed again for editing of products (RASA-1994)
- New functionality: Added possibility to restrict access to some of the functionalities (RASA-2205)

- Service items quantity is now correctly saved (RASA-2257)
- Solved size replacing problem (RASA-2281)
- Solved replacement scan problem (RASA-2305)
- Solved billing all items for loss problem (RASA-2322)
- Fixed entering of negative amount for invoice adjustments (RASA-2323)
- Solved adding of Delivery/ Collection (RASA-2324)
- Fixed crashing of message contact cause (RASA-2329)
- Fixed case when reason codes were not downloaded (RASA-2334)
- Solved synching problem (RASA-2336)
- Fixed scanning for changed as needed (RASA-2342)
- Exchange order are now created for new customers (RASA-2352)
- Solved payment by cash problem (RASA-2356)
- Solved opened invoices upload problem (RASA-2379)
- Added support for 64bit version (RASA-2401)

Version	Release Date	Minimum Required <i>ABSolute</i> Release
10.15	14-Oct-2020	9.03.03

Changes:

- Solved problem with scanning an unique item when doing a Replace All for a wearer inventory (RASA-2292)
- Solved problem with error when trying to scan an unique item using Abuse (Bill Now) (RASA-2297)
- Solved problem with crash when trying to start route (RASA-2307)

Version	Release Date	Minimum Required <i>ABSolute</i> Release
10.14	09-Oct-2020	9.03.03

Changes:

- New functionality: Improve Route Assistant UI for quitting non-garment products (RASA-1807)
- New functionality: Adding small icons on the RouteStopList to help driver to understand what kind of stop is to be visited (RASA-2170)
- New functionality: Negative balance handling (Paid in Advance) on RA (RASA-2144)
- New functionality: Limiting what you can do with products that are marked for conversion (RASA-2225)
- Solved the problem with time zone converting on Android (RASA-1432)
- Solved the problem with Backwards compatibility for Emblem Templates on RA (RASA-2255)
- Solved the problem with not creating work orders for already converted products (RASA-2011)
- Solved the problem with handling quantity and price that are not correct on RA (RASA-1614)
- Solved the problem when cannot cancel transaction of First Aid contract product newly added (RASA-2276)

- Solved the problem with being able to Add Wearer on RA without locker available when locker is mandatory in the client (RASA-2282)

Version	Release Date	Minimum Required <i>ABSSolute</i> Release
10.13	27-Aug-2020	9.03.03

Changes:

- New functionality: Select emblem templates on RA (RASA-2031)
- New functionality: DeliveryPoint pictures (RASA-1619)
- New functionality: Enable credit of special charges on RA (RASA-1989)
- New functionality: First Aid Kit (Cabinet Service) - 2: Cabinet Servicing (RASA-1865)
- New functionality: Circ/Max changes and flagging – customization (RASA-2135)
- Solved the problem with stopping the application when quitting a Consumption Point product with no previous changes on the screens (RASA-2161)
- Solved the problem with Showing the Description in Location Picture screen (RASA-2168)
- New functionality: Register GPS location when driver presses "Arrive" (RASA-1618)
- Solved the problem with incorrect tax amount fully crediting an invoice with a special charge (RASA-2141)
- Solved the problem with NullPointerException when uploading route after increasing max inventory on wearer inventory with emblems (RASA-2171)
- Solved the problem with stopping the application when trying to add non-garment from Additional Products (RASA-2188)
- Solved the problem with Vertex Tax - Invoice Line Details that shows an incorrect billed amount for a special charge on RA (RASA-2117)
- Solved the problem with the unexpected error occurring when uploading a completed Route via the RA (RASA-2199)
- Solved the problem with the invoice adjustments when there are no reason codes available (RASA-1892)
- Solved the problem with the emblem template prohibits size exchange to happen (RASA-2213)

Version	Release Date	Minimum Required <i>ABSSolute</i> Release
10.12	06-Jul-2020	9.03.03

Changes:

- New functionality: Vertex Tax Integration - RA Invoice Adjustments and display (RASA-1746)
- New functionality: Delivery frequency compliancy controlled from the Contract Level and added to Compliancy Templates (RASA-2029)
- Solved the problem with Product (old) marked for conversion can be added using Route Assistant (RASA-2001)

- Solved the problem with Vertex Tax - Invoice Lines screen shows more tax lines than just total tax (RASA-2084)
- Solved the problem with the price that not filled on Add Wearer Product transaction (RASA-1939)
- New functionality: Material Loss Protection (MLP), insurance extension to Budget Protection module (RASA-2028)

Version	Release Date	Minimum Required <i>ABSSolute</i> Release
10.11	24-June-2020	9.03.03

Changes:

- Allow the driver to scan garments when making the delivery, either with single or multi read (RASA-1572)
- Control how much of the garment functionality the drivers should have access to (RASA-1573)
- Implement ability to restrict the option of garment grade override in all cases on the RA (RASA-1716)
- System setting PDAINVOICEADJUST is taken into consideration when trying to adjust an invoice (RASA-1891)
- Fix application crash when using small prices (like 0.0001) on Contract Products (RASA-1900)
- Google MAPS is working again after renewing the API key (RASA-1963)
- On Site Soil Scan - Multiple transactions are not created for same garment even if the customer is visited multiple time for the same route (RASA-1983)
- Block smart barcodes to be scanned in the RA for the ABUSE section (RASA-2009)
- Fix for RA crash when scanning a smart barcode for Flag products (RASA-2017)
- Products marked for conversion will not be available when adding a new wearer inventory (RASA-2001)
- Fix for functionality to add frequencies for existing products (RASA-1916)
- Disable the functionality to make the stop undeliverable when the route date is after the max available date to move the invoice (RASA-1747)

Version	Release Date	Minimum Required <i>ABSSolute</i> Release
10.10	8-May-2020	9.03.03

Changes:

- Now the changes made to bill or circ qty on RA contract product are saved and displayed correctly (RASA-1911)
- Fix the problem from settlement screen regarding the payment method(check/cash) when other invoices are marked (RASA-1931)

Version	Release Date	Minimum Required <i>ABSSolute</i> Release
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10.09 **30-Apr-2020** **9.03.03**

Changes:

- New functionality: Replace lost garment on RA (RASA-1015)
- Solved the problem with showing the correct price when is using bill damage now (RASA-1836)
- Now the delivered quantities are correctly shown on stop details screen (RASA-1845)
- Solved the problem with update the minimum invoice amount when making adjustments on that invoice (RASA-1848)
- Now all the insurances are summed up in a line called insurance on RA invoice details (RASA-1858)
- The quantities for Loss Charged garments on RA are no longer doubled (RASA-1894)
- Now you are not allowed to credit full invoices with total prebill amount negative (RASA-1895)
- Invoices are ordered by date and displayed from the oldest to the newest (RASA-1903)
- Now the reason codes that should not exported on RA doesn't appears on RA (RASA-1797)
- New functionality: The option for replacing circ inventory was removed when doing size/style exchanges (RASA-1806)
- Bill loss now was removed after cancellation of inventory adjustment (RASA-1834)
- Solved the problem with the message that appears when you scan an item from the other wearer inventory (RASA-1838)
- Solved the problem regarding the wearer transfer that was blocked for ABSSolute versions lower than 9.04.01 (RASA-1908)
- Solved the problem with scanning smart barcodes in scan garment (RASA-1914)

Version	Release Date	Minimum Required <i>ABSSolute</i> Release
10.08	26-Feb-2020	9.03.03

Changes:

- New functionality: Block crediting amounts loss charge line on RA (RASA-1771)
- Solved problem with Proof of Visit (RASA-1810)
- Solved problem with RA scan action after stop depart not uploaded (RASA-1816)
- New functionality: Wearer Transfer - be able to flag a wearer to transfer to a different customer (RASA-854)
- Solved problem with Full credit invoice on RA does not credit finance charge (RASA-1794)
- New functionality: Allow driver to scan container IDs with the built-in camera (RASA-1625)

Version	Release Date	Minimum Required <i>ABSSolute</i> Release
10.07	12-Feb-2020	9.03.03

Changes:

- New functionality: Mark other invoices on RA includes current invoice (RASA-1752)
- Solved problem with those undeliverable stops that do not have driving time nor stop time registered in route status control (RASA-1778)

- Solved problem with “collected Amount could not be modified after other old invoices are selected to be paid” (RASA-1804)
- Solved problem with Mark Other Invoices menu showing invoices and payments (RASA-1736)

Version	Release Date	Minimum Required ABSSolute Release
10.06	03-Feb-2020	9.03.03

Changes:

- Solved problem with UHF scanning power adjustment (RASA-1712)
- Solved problem with Newly added garment on RA cannot be used for style exchange (RASA-1719)
- Solved problem with Mandatory messages and no messages to follow-up on contacts (RASA-1730)
- Solved problem with creating transactions for both days when modifying a CPL for a product with multiple delivery days (RASA-1592)
- Solved problem with full credit fills invoice up until minimum invoice amount (RASA-1735)
- Solved problem with Mark Other invoices button that becomes enabled when no invoices are unpaid (RASA-1740)
- Solved problem with system crashing when View Open Credits under Open Invoices (RASA-1751)
- Solved problem with not allowing the RSR to adjust the creditmemo (RASA-1773)
- New functionality: Add selection of Consumption Point for Wearer (RASA-1451)
- New functionality: Sneak peak (Preview Route) feature (RASA-1617)

Version	Release Date	Minimum Required ABSSolute Release
10.05	19-Dec-2019	9.03.03

Changes:

- New functionality: Extend soil count loss/abuse to Android RA (RASA-1032)
- New functionality: Show user obligated fields (RASA-710)
- New functionality: Extend fields for inventory management to accommodate 5 digits (RASA-1661)
- Solved problem with exporting database starting with Android Q (RASA-1652)
- Solved problem with crashing Database when the on-site soil scan transactions are uploaded (RASA-1689)
- Solved problem with pending return of 1 item when pending loss charge is for complete wearer inventory (RASA-1589)
- Solved problem with percentage issue on Cash Delay Charge line (RASA-1558)
- New functionality: Production count RA changes (RASA-1641)
- Solved problem with "null -" concatenated with wearer number in “to be returned items” activity

Version	Release Date	Minimum Required ABSSolute Release
10.04	13-Nov-2019	9.03.03

Changes:

- Solved "Item Should Not Be Returned" error message when scanning barcode (RASA-1579)
- New functionality: Include patch version in RA export (RASA-1565)
- New functionality: Implemented Android permissions (RASA-1280)
- Solved problem with displaying stops at the beginning of the list when moving stops and then applying a filter (RASA-1571)
- Solved problem with changing Delivery Frequency after adding a product with Frequency Weekly (RASA-1554)
- Solved problem with option OK missing when deleting or uploading routes (RASA-1603)
- Solved problem with location (tube) number not shown on RA (RASA-1615)
- Solved problem with doubled product quantities (RASA-1621)
- Added requirement that Total to pay should always be \$0 for Charge Customers (RASA-1606)
- Solved issue with showing both route codes in RA when temporary reassigning stops (RASA-1634)
- Solved problem with doubling return transactions by removing redundant system setting for automatic return on replacement (RASA-1636)

Version	Release Date	Minimum Required ABSSolute Release
10.03	04-Oct-2019	9.03.03

Changes:

- Solved problems with allowing credit in full invoice on RA (RASA-930)
- New functionality: allow creating replacement work order for an entire wearer inventory line (RASA-1222)
- New functionality: added ability to invoice Cash Delay Charges (RASA-1493)
- Solved problem with stops visibility when filtering to show only outstanding stops (RASA-1508)
- Solved problem with moved stops disappearing after upload (RASA-1514)
- Added requirement in Settle screen to enter a collected amount greater than \$0 when paying by Check (RASA-1464)
- Solved black screen freezing issue when adding wearers (RASA-1564)
- Solved issue with route set as transferred in client, but displayed in progress on RA (RASA-1575)
- Solved "You are not allowed to adjust more than was billed" error when crediting loss charges on RA and error when opening Settle screen (RASA-1568)
- Solved issue with deleting newly created wearers on RA from off cycle customers (RASA-1580)

Version	Release Date	Minimum Required <i>ABSSolute</i> Release
10.02	05-Sep-2019	9.03.03

Changes:

- Solved problem with US date format in Route Tasks screen (RASA-1511)
- Solved Missing Price error appearing when scanning an item for replace (RASA-1429)
- Solved problems when adding standard delivery qty for billing method 4 (RASA-1522)
- Solved problems with changing the start date with default system date + 2 when editing a customer product (RASA-1526)
- Solved problem with not defaulting to system date + 1 when editing a consumption point product record (RASA-1525)
- Allow credit in full invoice on RA (RASA-930)
- Solved problems with Resolution field when replying to a message (RASA-1513)
- Allow the user to credit all invoice lines for one wearer (RASA-1153)
- Solved Route Assistant app freeze when scanning UHF tags (RASA-1439)
- Solved problem with defaulting to frequency Once when adding a new billing method 4 product (RASA-1527)

Version	Release Date	Minimum Required <i>ABSSolute</i> Release
10.01	12-Aug-2019	9.03.03

Changes:

- Incorrect message warning shown while scanning a correct ID code (RASA-1504)

Version	Release Date	Minimum Required <i>ABSSolute</i> Release
10.00	07-Aug-2019	9.03.03

Changes:

- Wearers can be sorted by admin number (RASA-1111)
- Added possibility to credit all lines for one wearer (RASA-1153)
- Added route stop filters (RASA-1200)
- Redesigned contact functionality (RASA-1321)
- Credit card schedule (RASA-1361)
- Added scanning for smart barcodes for replacement (RASA-1363)
- Fixed on soil scan freezing (RASA-1439)
- Fixed Contact person visibility issue (RASA-1482)
- Fixed route service contract for systematic replacement (RASA-1485)

Version	Release Date	Minimum Required <i>ABSSolute</i> Release
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9.19 **02-Aug-2019** **9.02.00.a**

Changes:

- Solved problems when upgrading Route Assistant Android from version 7 to 9 (RASA-1475)

Version Release Date Minimum Required *ABSSolute* Release
9.18 **01-Aug-2019** **9.02.00.a**

Changes:

- Solved problems when upgrading Route Assistant Android from version 7 to 9 (RASA-1475)
- Allow visibility/invisibility of Systematic Replacement field depending on the contract product having an SRC percentage or not (RASA-1485)

Version Release Date Minimum Required *ABSSolute* Release
9.17 **10-July-2019** **9.02.00.a**

Changes:

- Update Robotium automation tests for app (RASA-1348)
- Same contract product with different delivery frequencies is shown as a list depending on the customer minimum delivery frequency (RASA-1362)
- Damage button naming was changed to ABUSE (RASA-1388)
- Circulating inventory is not multiplied anymore for same consumption point (RASA-1424)
- Solve Route Assistant app crash when stop of route is active after route driving date (RASA-1352)

Version Release Date Minimum Required *ABSSolute* Release
9.16 **12-June-2019** **9.02.00.a**

Changes:

- When adding/adjusting a product on the RA (from Contract Products or Additional Products), the RA is set to require a start date for the new product (or change) and that date is not restricted anymore to be a driving date of the customer. There is however a restriction: the date cannot be set in the past (RASA-1248).
- Fixed display problem on RA: there was a spelling error on RA, Adjustments, Inv. Line Details, Ordering Quantity was spelled "Quatity" (RASA- 1353)

Version Release Date Minimum Required *ABSSolute* Release
9.15 **28-May-2019** **9.02.00.a**

Changes:

- The application does not crash anymore when adding product in consumption point (RASA-1287)

- Additional Products Button gets enabled if there is a least one contract product available (RASA-1265)
- Shopping cart is disabled for products that are delivery quantity control managed (RASA-1275)
- Fixed fiddle to exceed the quantity control limit when removing a quit of modify transaction on a PLPC (RASA-1284)
- Fixed problem when exporting future circulating inventory quantity for consumption point products (RASA-1304)
- After damage items and quitting the wearer, all scanned damaged items are automatically returned (RASA-1253)
- Fixed WebClientX app display problem, caused by adding a new delivery transactions on Route Assistant app (RASA-1303)
- Now number of products is shown correctly on Stop Arrival screen (RASA-1310)
- Fixed display problems on Open Invoice, Invoice Lines and Route Details screens (RASA-1294)
- Bill loss Now and Bill Damage on spot will handle taxes, if tax is applicable for product's tax group and specific invoice line types (RASA-1255)
- Route upload is working correctly, if there exists an adjustment of a newly created Loss charge invoice line (RASA-1317)
- When modifying a consumption point product with multiple delivery frequencies, there is not allowed anymore to have duplicate frequencies (RASA-1283)
- When modifying a PLPC billing lines with multiple delivery frequencies, there is not allowed anymore to have duplicate frequencies (RASA-1278)
- Fixed error appeared on invoice line adjustment process (RASA-1326)
- Fixed application crash when entering a contract product with billing method 4 – Sales (RASA-1328)
- In Open Invoices screen, if a contact e-mail is missing, a default one is shown (RASA-1330)
- Fixed problem of displaying sales price instead of rent one for PLPC with billing method Flat Rate Rented (RASA-1334)
- Fixed problem with not loading settings in Settings Screen (RASA-1332)

Version	Release Date	Minimum Required <i>ABSolute</i> Release
9.14	25-Apr-2019	9.02.00.a

Changes:

- New functionality: Supplemental Contract Product Level Controls (RASA-1176)
Module CONTRACTQUANTITYMANAGEMENT is required.
- Fixed Route Assistant Android lower to higher version upgrade problem (RASA-1250)
- Fixed problem with crediting loss charge invoice line when returning more than 1 garment (RASA-1232)
- Fixed problem with showing Route Service Contract products for a customer that did not allow non-contract products (RASA-1285)
- Added a new user confirmation dialog to continue size/style exchanging a product, if exists unique items that have already been flagged as replaced or damaged to create work orders (RASA-1230)
- Fixed problem with editing a scan remark of an already scanned item (RASA-1231)
- Changed "Okay" messages to "OK" for all dialogs (RASA-1234)
- Now all adjustment amount details are shown correctly in Route Details Screen (RASA-1240)

- Added all remaining translations to Mexico translation file (RASA-1251)
- All inactive PLPC are not shown any longer (RASA-1261)
- Decimal numbers are not allowed any longer in all contract quantity edit fields (RASA-1266)
- Adding a CPL on a contract product on Sunday delivery day is now possible (RASA-1274)

Version	Release Date	Minimum Required <i>ABSSolute</i> Release
9.13	3-Apr-2019	9.02.00.a

Changes:

- New functionality: Bill Loss on Max Inventory (RASA-1158)
- Now also the route code is displayed in "Select stop" screen (RASA-1159)
- Translation of Route Assistant Android into es_MX (RASA-1201)
- New functionality: Route Returns (RASA-1109)
- Now, all the products are shown in stop details (RASA-1219)
- New functionality: Allowing billing damage to garments on the spot (RASA-1012)

Version	Release Date	Minimum Required <i>ABSSolute</i> Release
9.12	05-Mar-2019	9.02.00.a

Changes:

- Added translations (RASA-1137)
- Now also the route code is displayed in "Select stop" screen (RASA-1159)
- Original SRC value is not shown with % (RASA-1180)
- Fixed BM1 problems when adding products (RASA-1190)
- Corrected contract product delivery transactions (RASA-1194)

Version	Release Date	Minimum Required <i>ABSSolute</i> Release
9.11	14-Feb-2019	9.02.00.a

Changes:

- Fixed Google Maps location error (RASA-1090)
- Added Wearer increase/decrease functionality for contract quality control (RASA-1092)
- New Functionality: added systematic replacement for billing method 1 (RASA-1093)
- Special size charge is not shown anymore when price is 0 (RASA-1103)
- Added translations for Danish, French and Japanese (RASA-1137)

Version	Release Date	Minimum Required <i>ABSSolute</i> Release
9.10	31-Dec-2018	9.02.00.a

Changes:

- New functionality: Implemented Firebase Crashalytics for improved logging of the application (RASA-1050)
- Fixed an issue with the return reason code causing upload problems (RASA-1080)

Version	Release Date	Minimum Required ABSSolute Release
9.09	29-Nov-2018	9.02.00.a

Changes:

- Fixed a new problem with changes/week and max inventory values based on the system setting (RASA-1053)

Version	Release Date	Minimum Required ABSSolute Release
9.08	27-Nov-2018	9.02.00.a

Changes:

- Fixed a problem with the delivery/pick-up button being mandatory when not the case (RASA-1043)
- Now, the application does not crash when pressing the 'Arrive' button (RASA-1063)
- Fixed an issue regarding the GPS not storing the coordinates (RASA-1037)
- Solved an issue with route stop sequence (RASA-1038)
- The application does not crash anymore when adding a wearer (RASA-1045)
- Fixed a problem with changes/week and max inventory values (RASA-1053)
- Solved an issue regarding the signatures for special invoices (RASA-1056).

Version	Release Date	Minimum Required ABSSolute Release
9.07	16-Oct-2018	9.02.00.a

Changes:

- Fixed an issue regarding the off-cycle customer's product adjustments (RASA-1010)
- The scan return is working as expected when doing a size/style exchange (RASA-1009)
- Fixed a problem with the SRC value not being shown for certain contract products (RASA-1030)

Version	Release Date	Minimum Required ABSSolute Release
9.06	07-Sep-2018	9.02.00.a

Changes:

- Fixed an issue regarding duplicate wearer transactions (RASA-970)
- Now, for a customer that has required full payment, the settlement cannot be completed if no changes are made (RASA-996)
- Fixed a problem with doubling the circ. inventory and billing quantities when adding a product to customer's products list (RASA-998)
- Fixed an issue with not refreshing the products list if the last product of a contract is added to the customer's products list (RASA-999)

Version	Release Date	Minimum Required ABSSolute Release
9.05	18-Jul-2018	9.02.00.a

Changes:

- Fixed some issues from the contract product functionality (RASA-894)
- Solved a problem with a dialog showing up when not supposed to (RASA-911)
- Now, a quitted consumption point doesn't quit a product (RASA-916)

- Fixed a problem with the product's description not being shown in contract products (RASA-912)
- Fixed an issue with the old price of a contract product not being correct (RASA-913)
- Now the upload button doesn't send the data for a stop that is not completed (RASA-906)
- Solved an issue with the Additional Products button being enabled but not working properly (RASA-927)
- Fixed a problem regarding the product price not fitting in the Contract Product details (RASA-931)
- Now, if a route is settled in the client, the transactions are not uploaded from the application (RASA-30)
- Fixed a problem when a product was shown 3 times in the Contract Products screen (RASA-932)
- Fixed an issue when a modify wearer transaction was not created (RASA-961)
- Solved an issue regarding the message shown when modifying the bank/locker for a wearer (RASA-963)
- Fixed a problem when the to be returned wearer items were not shown (RASA-968)
- New functionality: the max inventory field for a wearer's item is expanded to 6 characters (RASA-982)
- New functionality: the containers' barcodes can now be scanned using the phone's camera (RASA-738)
- Fixed a problem with the returned garments not appearing on invoices (RASA-987)
- Added Japanese translations (RASA-990)

Version	Release Date	Minimum Required <i>ABSSolute</i> Release
9.04	23-May-2018	9.02.00.a

Changes:

- Fixed a problem regarding the settings screen password being not valid (RASA-873)
- Fixed an issue when on stop info screen there were double lines for a product (RASA-875)
- Now, the "Deliver/Pick up" button works correctly on Android 8 (RASA-883)
- Fixed a problem regarding the total cost of an added contract product (RASA-907)
- Fixed the delivery frequency difference when adding a contract product with a different frequency (RASA-914)
- Fixed an issue when the soil count was not possible (RASA-909)
- Now, the circulating/billing quantities are displaying correctly (RASA-899)
- New functionality: delivery frequencies are now available for non-garments and sales products within the Contract Management functionality (RASA-894)

Version	Release Date	Minimum Required <i>ABSSolute</i> Release
9.03	26-Apr-2018	9.02.00.a

Changes:

- New functionality: Customer related unique pool allowed garments can now be scanned using the 'On Site Soil Scan' option (RASA-866)
- Fixed a problem regarding special charge from direct invoice (RASA-864)

Version	Release Date	Minimum Required <i>ABSSolute</i> Release
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9.02 **18-Apr-2018** **9.02.00.a**

Changes:

- Fixed a problem with the Quit Product button not showing in a specific scenario(RASA-852)
- Now, an inactive system user is not allowed to download a route to the mobile device (RASA-858)
- Fixed an issue regarding circulating inventory reduction not being processed along with a quit product (RASA-860)

Version	Release Date	Minimum Required <i>ABSSolute</i> Release
9.01	28-Mar-2018	9.02.00.a

Changes:

- Fixed a problem with the availability of quit product button when you enter in the contracts screens (RASA-848)
- Compatibility Check for RA Version (RASA-841)
- Fixed the Route Assistant Android crashing when you trying to access Deliver/Pick up (RASA-839)
- Now you can access Additional products and Contract management buttons after a stop has been finished (RASA-837)
- New functionality: Improvements to RA Android like removing Cancel button from Sign screen, entering the signature and initials in any order now in Sign screen, adding a new red icon for Soil Counts when there are items to be picked up (RASA-833)
- New functionality: Checking Mobile Applications JAR files and dependencies (RASA-823)
- New functionality: ABS - Enhancements to Android RA invoice details screens (RASA-803)
- Fixed a problem with delivered piece (RASA-755)
- New functionality: Database exportable / Backup allows (RASA-504)
- New functionality: Secure APK file by making reverse engineering not possible (RASA-502)

Version	Release Date	Minimum Required <i>ABSSolute</i> Release
9.00	05-Mar-2018	9.02.00.a

Changes:

- Fixed a problem with changing the garment grade (RASA-223)
- Renamed some attribute names (RASA-592)
- Fixed a contact manager issue (RASA-590)
- New functionality: New means to display customer financial data: A/R aging balances, Open invoices, Statements (RASA-201)
- Fixed delivery pick-ups being multiplied (RASA-636)

- Fixed not being able to collect a signature if there is more than one invoice on a customer (RASA-644)
- Fixed a problem when one can settle an invoice without a signature (RASA-634)
- Invoice Adjustments on RA are now displaying correctly in Invoice Details (RASA-648)
- New functionality: Now you can change the stop sequence (RASA-193)
- New functionality: Contract management. (RASA-643, RASA-672, RASA-673)
- Fixed an unexpected error message (RASA-676)
- Fixed an issue when synching Android (RASA-699)
- Now you can add other expenses with values below 1 monetary unit (RASA-719)
- Now, the user isn't forced to select a locker (RASA-734)
- Fixed an issue when adding a wearer (RASA-730)
- Now, the inactive emblem templates are not exported to the Android (RASA-732)
- Fixed an issue when the app crashed when trying to quit a wearer (RASA-750)
- Fixed an issue with products not showing for delivery/pick-up (RASA-754)
- New functionality: Now you can have multiple stops marked as "in progress" (RASA-606)
- New functionality: The device camera can be used for scanning garment barcodes (RASA-638)
- Updated the scanning process to work with Android greater than 7 (RASA-701)
- Now, the contract products lines are being created correctly on settlement (RASA-771)
- Updated the Map app (RASA-595)
- Removed unnecessary Google Play Services from the apk (RASA-782)
- Fixed a problem with multiple frequencies for additional products (RASA-781)
- Fixed problems with the direct price not showing the correct information in its field (RASA-801)
- Fixed an issue with budget protection prices not being saved (RASA-796)
- Now, you can save the changes from rental and replacement prices (RASA-797)
- Fixed replacement price for contract products (RASA-807)

Version	Release Date	Minimum Required <i>ABSSolute</i> Release
8.01	02-June-2017	9.01.01.a

Changes:

- All messages that needs to be replied are now shown (RASA-587)

Version	Release Date	Minimum Required <i>ABSSolute</i> Release
8.00	27-April-2017	9.01.01.a

Changes:

- New functionality: Off-cycle customers. Now the driver can perform almost all actions for any customer on his/her route for those customers who are off-cycle (not being delivered/invoiced today). (RASA-203)

- New functionality: Soil counts US. Now the soil counts can be entered for all products on the soil tickets (RASA-327)
Module RAS is required.
- GPS coordinates longer than standard dimension can be saved when GPS location is captured (RASA-494)
- After all items marked for replacement are returned there are no longer displayed the items are not marked for replacement.(RASA-465)
- Fixed side effects of RTS functionality when quit transactions(Quit Wearer, Quit Product) were done (RASA-422)
- Added possibility to quit wearers without inventory (RASA-135)

Version	Release Date	Minimum Required ABSSolute Release
7.09	17-July-2017	9.00.07a

Changes:

- RASA-631 Android-Can't decrease inventory for customer
- RASA-626 AMM - Garments taxed (shouldn't be) after damage charge credited

Version	Release Date	Minimum Required ABSSolute Release
7.08	17-July-2017	9.00.07a

Changes:

- Garments taxed (shouldn't be) after damage charge credited (RASA-625)
- Circulating garments displayed as 'Not Returned Items' without being marked for replacement (RASA-465)

Version	Release Date	Minimum Required ABSSolute Release
7.07	22-June-2017	9.00.07a

Changes:

- PDA modification visibility (RASA-572)

Version	Release Date	Minimum Required ABSSolute Release
7.06	09-June-2017	9.00.07a

Changes:

- Support for Czech language (RASA-570)

Version	Release Date	Minimum Required ABSSolute Release
7.05	28-April-2017	9.00.07a

Changes:

- Crediting loss charge line does not work (RASA-514)
- Problem scanning garments (RASA-520)

- Wearer still displayed in RTS screen after cancelling Quit Wearer transaction (RASA-422)

Version	Release Date	Minimum Required ABSSolute Release
7.04	28-March-2017	9.00.07a

Changes:

- Issue with settlement being off 1 cent (RASA-470)
- When synching same route two times, id code will show twice when scanning (RASA-446)
- Orders made on PDA appears multiplicated in Route Check in (RASA-474)
- Inactive wearer numbers not loaded to RA (RASA-357)

Version	Release Date	Minimum Required ABSSolute Release
7.03	15-March-2017	9.00.07a

Changes:

- Issue with settlement being off 1 cent (RASA-470)
- Wearer still displayed in RTS screen after cancelling Quit Wearer transaction (RASA-422)
- When synching same route two times, id code will show twice when scanning (RASA-446)

Version	Release Date	Minimum Required ABSSolute Release
7.02	09-March-2017	9.00.07a

Changes:

- Loss charge not credited if return ends on "todays" invoice (RASA-382)
- Replacement garments to be returned are showing all ID codes, not just what is to be returned (RASA-436)
- ABS - Inactive wearer numbers not loaded to RA (RASA-357)
- ABS - Changes per week related to max - doesn't follow system setting (RASA-329)
- RA Android Messages from previous stop are displayed (RASA-361)
- When synching same route two times, id code will show twice when scanning (RASA-446)
- Number of wearer is not default set when a new wearer is added (RASA-431)
- Invoice amount is not updated when Bill All For Loss Now is pressed (RASA-429)
- Encryption of traffic between PDA and web service (RASA-439)
- Wearer still displayed in RTS screen after cancelling Quit Wearer transaction (RASA-422)

Version	Release Date	Minimum Required ABSSolute Release
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7.01 16-February-2017 9.00.07a

Changes:

- Pay This Amount is adjusted with the loss warn scanned items (RASA-416)
- Bill All For Loss Now button resizing problem (RASA-419)
- Scanning RTS garments - Item should not be returned (RASA-413)
- Scanning RTS garments - Item does not belong to this wearer inventory (RASA-412)
- Inventory Increase Issue (RASA-411)
- Even when responding to all existing contacts the Message button still shows red sign (RASA-414)
- 'Unexpected error' when Uploading route from RA Android to Absolute (RASA-407)
- Invoice amount is not updated when Undo Bill All For Loss Now is pressed (RASA-398)
- You are required to respond to a contact message to proceed (RASA-373)
- Pick up with cancelled visit - Android Modifications (RASA-396)
- Various corrections of bugs and hardcoded strings (RASA-400)
- RA Android Messages from previous stop are displayed (RASA-361)

Version	Release Date	Minimum Required ABSolute Release
7.00	02-February-2017	9.00.07a

Changes:

- To be returned items screen is showing anything that is quit, with circulating inventory (RASA-403)
- Invoice amount is not updated when 'Undo Bill All For Loss Now' is pressed (RASA-398)
- Possible actions that can be done after a route is ended (RASA-48)
- 'Unexpected error' makes RA Android application to crash (RASA-387)
- Emblem template issue with style exchange (RASA-368)
- Loss charge not credited if return ends on "todays" invoice (RASA-382)
- You are required to respond to a contact message to proceed (RASA-373)
- After adjusting an invoice, you do not return to stop actions (RASA-377)
- Getting "Already enough items returned" error before all garments returned (RASA-370)
- All routes showing cash delay (RASA-380)
- Autosync upload problem when there is no internet connection (RASA-235)
- Cannot upload route from RA Android device (RASA-345)
- The "View to Be Returned Items" dialog in the "Return Items" functionality is showing "Null" in the place of secondary ID code (RASA-347)
- Date does not display correctly in View Wearer Product screen (RASA-344)
- Labels are not being printed (because layout does not exist) for items ordered via Android RA (RASA-336)
- Emblem templates cannot be unselected (RASA-333)
- Spelling error of day 'Thursday' shows in Open Hours listing (RASA-330)

- Translation issue Route Assistant Android (RASA-307)
- Container Recording - RA Android possible to scan containers after signature (RASA-287)
- Container Recording - RA android sum of containers displayed incorrect (RASA-303)
- Container Recording - picked up container can be picked up multiple times (RASA-285)
- warning message can be confirmed by scanning next container (RASA-288)
- Android messages are displayed inconsistent and too short (RASA-286)
- DN not show on PDA when assigned a 2nd time to another route (RASA-262)
- Support Multi-read Onsite Soil Scan in Route Assistant (RASA-244)
UHFREADER module must be in the license.
- ID code range of containers considered in RA Android (RASA-337)
- Show outstanding workorders at the wearer level – which products and quantities are still open. Also show work orders that have been completed since last visit – per wearer as well (RASA-200)

Version	Release Date	Minimum Required <i>ABSolute</i> Release
6.00	02-August-2016	9.00.03a

Changes:

- Contact messages created with a future date are not shown anymore (RASA-176)
- Fixed issue in Google Maps functionality (RASA-206)
- Implemented Return to stock functionality (RASA-225 + RASA-236)
Module RAS is required.
- Implemented Relief Driver functionality (RASA-248)
Module RELIEFDRIVER is required.
- Possibility to change actual driving date of the route (RASA-250)
- Test server connection before any upload (RASA-136)
- Clear all data when mobile device code is changed (RASA-136)
- Android OS 6(Marshmallow) is now also supported (RASA-189)
- Message shown when scanning an item stays on screen until another item is scanned (RASA-286)

Version	Release Date	Minimum Required <i>ABSolute</i> Release
5.04	02-August-2016	9.00.00b

Changes:

- Scan container not requested anymore when there are no containers to be delivered (RASA-266)
- Can sign stops that not contain delivery notes (RASA-277)
- Modified all warning messages with title warning (RASA-290)
- Layout of Enter Pick Up/ Delivery screen is not affected anymore by long size descriptions (RASA-292)
- Added focus on signature pad, when signing delivery note (RASA-292)

- On end route, total mileage is automatically calculated when entered end mileage (RASA-292)
- When confirming all pickups and deliveries for a consumption point/delivery point, the user is redirected to the next one automatically. If nothing needs to be confirmed anymore, the user is redirected to stop actions screen (RASA-292)
- Solved unexpected application crash when press on customer name in contact person screen (RASA-272)

Version	Release Date	Minimum Required <i>ABSSolute</i> Release
5.03	05-July-2016	9.00.00b

Changes:

- Last container scanned is shown in Scan Container screen (RASA-220)
- All Route Assistant Android screens are shown in portrait mode (RASA-220)
- Only delivery notes that are uploaded on mobile device are signed (RASA-257)

Version	Release Date	Minimum Required <i>ABSSolute</i> Release
5.02	19-May-2016	9.00.00b

Changes:

- Always upload route information first when pressing download button (RASA-210)
- Same container cannot be scanned twice (RASA-217)
- ID Scan field is automatically emptied when a container is scanned (RASA-220)
- Show only consumption points that have products to be delivered and picked up (RASA-245)

Version	Release Date	Minimum Required <i>ABSSolute</i> Release
5.01	08-Feb-2016	9.00.00b

Changes:

- Implemented deliver and pick up functionality, for EU customers (RASA-123)

Version	Release Date	Minimum Required <i>ABSSolute</i> Release
5.00	26-Jan-2016	9.00.00b

Changes:

- Display of the total delivered and picked up containers when signing (RASA-82)
No additional add-on module is required for this.
- Import data in Android only depending on customer's available modules and configurations (RASA-127)
No additional add-on module is required for this.
- Implemented deliver and pick up functionality, for EU customers (RASA-123)

Module WISBASIS is required.

- Contact categories are ordered by code (RASA-172)
- Show only past and present contact messages, depending on driving date of the route (RASA-175)

Version	Release Date	Minimum Required <i>ABSSolute</i> Release
4.00	16-Oct-2015	9.00.00a

Changes:

- Pressing OK button twice in Settlement screen will not create double transactions (RASA-75)
- Implemented onsite soil scan functionality (RASA-63)
Module ROUTEASSISTANTSOILSCAN is required.
- Implemented signature capturing for delivery (RASA-62)
No additional add-on module is required for this.
- Mark route 'Transferred to PDA' only after route is downloaded and saved on PDA (RASA-65)
- Added necessary libraries for proof of visit camera (RASA-87)
- Implemented automatic sync functionality (RASA-66)
No additional add-on module is required for this.
- Reply contact message: allow user to close a contact issue (RASA-105)
- Ask for confirmation when cancelling settlement (RASA-121)
- Improved saving time when downloading 2 similar routes (RASA-100)
- Integrated Google Maps and implemented GPS location capture functionality (RASA-64)
No additional add-on module is required for this.
- Customer address is displayed differently for non-US customers (RASA-92)
- Allow arrival to the correct stop if the user mistakenly arrived to another stop (RASA-93)
- Solved issue: wearer emblem name and search name were not correctly saved (RASA-130)
- Solved issue: customer departments could not be selected when adding a new wearer (RASA-132)

Version	Release Date	Minimum Required <i>ABSSolute</i> Release
3.01	3-Aug-2015	8.03.12o

Changes:

- Corrections on Dutch translations (RASA-31)

Version	Release Date	Minimum Required <i>ABSSolute</i> Release
3.00	21-Jul-2015	8.03.12o

Changes:

- Checks on new modules are implemented (RASA-31)

new required module: ROUTEASSISTANTANDROID
 optional add-on module: ROUTEASSISTANTGARMENT
 optional add-on module: ROUTEASSISTANTCONTAINER

- Implemented garment ordering and scan functionality (RASA-3 / SO 20016184)
Module ROUTEASSISTANTGARMENT is required.
- Implemented maintain customer contact person functionality (RASA-15)
No additional add on-module is required for this.
- Implemented contact manager functionality (RASA-33)
No additional add on-module is required for this.
- Completed and uploaded routes are deleted as soon as the next route is downloaded (RASA-1 / SO 20016488)
- Improved stability when returning from background state (RASA-32)
- Supports for Android 5 Lollipop.
- Export database: date and time are now included in the filename (RASA-40)
- All transactions for a stop are deleted when stop is made undeliverable (RASA-34)
- Negative adjustment qty's now update adjustment amount in invoice summary screen (RASA-56)

Version	Release Date	Minimum Required <i>ABSSolute</i> Release
2.00 demo only	13-Apr-2015	8.03.12o

Changes:

- Garment ordering and scan functionality (RASA-3 / SO 20016184)

Version	Release Date	Minimum Required <i>ABSSolute</i> Release
1.14	9-Apr-2015	8.03.12g

Changes:

- After the user visited a stop or made it undeliverable, the focus in stops list jumped to an incorrect position. It should have jumped to the last visited stop. (to do 26645)

Version	Release Date	Minimum Required <i>ABSSolute</i> Release
1.13	25-Feb-2015	8.03.12g

Changes:

- When is automatically populated with 0.00 for charge customers and there is no signature required, the OK button is not enabled. (to do 26645)

Version	Release Date	Minimum Required <i>ABSSolute</i> Release
1.12	13-Feb-2015	8.03.12g

Changes:

- Layout changes and small enhancements to Invoice Line Details Adjustments (fix 30021008)
- After departure show last visited stop at the top of the stops list to reduce the need to scroll.

- Amount collected is automatically populated with 0.00 for charge customers and with total pay this amount for COD customers. (to do 26645)

Version	Release Date	Minimum Required <i>ABSSolute</i> Release
1.11	5-Feb-2015	8.03.12g

Changes:

- Completed and exported routes are deleted automatically (order 20013877)
- Standard web service path is renamed from ABSWebServices to absws4mobileapps (order 20015114)
- Captured signatures are not transferred into ABSSolute (to do 26534)

Version	Release Date	Minimum Required <i>ABSSolute</i> Release
1.10	28-Oct-2014	8.03.12g

Changes:

- Several improvements:
 - fixed display issue of break time
 - automatically scroll to first unvisited stop
 - fix error message upon upload
 - fixed issue in display of invoice lines grid
 - fixed display issue on safety checks
 - fixed issue with signature

Version	Release Date	Minimum Required <i>ABSSolute</i> Release
1.01	30-09-2014	8.03.12g

Changes:

- Added Proof of delivery scan and scanning of transport items (containers / bags) for delivery (order 20013059)

Version	Release Date	Minimum Required <i>ABSSolute</i> Release
1.00	17-07-2014	8.03.12.g

Changes:

- Mobile Android Based Solution for Mobile Route Accounting US (order 20014744)