Synthesis SyncML Client for Android

RELEASE NOTES
3.11.2025 / V6.0.2

This document contains a list of all releases with and their changes done since the initial version of April 2010.

Overview:

1.7.0.25 Initial Release date: **29.4.2010**

1.7.2.2 Release date: 12.5.2010

1.7.2.6 Release date: 26.5.2010

1.7.2.9 Release Date: 1.7.2010

1.7.2.11 Release date: 5.7.2010

1.7.2.12 Release date: 8.7.2010

1.7.2.19 Release date: 5.8.2010

1.8.0.4 Release date: 25.8.2010

1.8.0.22 Release date: 12.10.2010

1.8.0.23 Release date: 26.10.2010

1.8.0.27 Release date: 22.11.2010

1.9.2 Release date: 27.12.2010

1.9.5 Release date: **1.2.2011**

1.9.6 Release date: 21.2.2011

2.0.2 Release date: 22.3.2011

2.0.7 Release date: 21.4.2011

2.0.12 Release date: 15.6.2011

2.0.16 Release date: 30.6.2011

2.0.17 Release date: 7.7.2011

2.1.1 Release date: 23.8.2011

2.1.10 Release date: 1.11.2011

2.1.11 Release date: 3.11.2011 (**non-market PRO** version only)

2.2.7 Release date: 22.12.2011

2.2.13 Release date: **15.2.2012**

2.2.20 Release date: 17.4.2012

2.2.21 Release date: 18.4.2012

2.3.2 Release date: 10.5.2012

2.3.4 Release date: 10.5.2012 (for **Google Play PRO** version only)

2.3.16 Release date: 10.7.2012

2.4.0 Release date: 31.7.2012

2.4.1 Release date: 14.8.2012

2.4.12 Release date: 22.10.2012

2.4.13 Release date: 23.10.2012 (for **Google Play STD** version only)

2.5.0 Release date: 5.12.2012

2.5.12 Release date: **23.1.2013**

2.5.19 Release date: 1.2.2013

2.6.6 Release date: 7.3.2013

2.7.0 Release date: 13.5.2013

2.7.8 Release date: 7.8.2013

2.8.0 Release date: 14.8.2013

2.8.6 Release date: 27.10.2013

2.9.0 Release date: **20.1.2014**

3.0.0 Release date: 22.4.2014

3.0.1 Release date: 8.5.2014

3.0.7 Release date: 19.8.2014

3.0.11 Release date: 27.8.2014

3.2.0 Release date: 26.11.2014

3.2.1 Release date: 7.12.2014

3.3.0 Release date: **16.5.2015**

3.3.6 Release date: 28.7.2015

3.3.9 Release date: 3.8.2015 (for STD and PRO only)

3.3.12 Release date: 4.8.2015 (for STD and PRO only)

3.4.0 Release date: 15.12.2015

3.4.5 Release date: **12.2.2016**

3.4.6 Release date: 19.2.2016

3.4.7 Release date: 29.2.2016

3.4.8 Release date: 5.3.2016

3.4.9 Release date: 8.3.2016

3.4.10 Release date: 18.3.2016 (available as beta version only)

3.4.11 Release date: 11.4.2016

3.5.0 Release date: 12.7.2016

3.5.3 Release date: 15.7.2016

3.5.6 Release date: 6.8.2016

3.5.10 Release date: 10.9.2016

3.5.11 Release date: 16.9.2016

3.5.12 Release date: 18.9.2016

3.5.14 Release date: 1.11.2016

3.5.17 Release date: 9.11.2016

3.6.0 Release date: **26.1.2017**

3.6.5 Release date: 20.2.2017

3.6.6 Release date: 20.2.2017 (**ORACLE**)

3.6.8 Release date: 23.6.2017 (**ORACLE**)

3.6.9 Release date: 23.6.2017 (**ORACLE**)

3.6.10 Release date: 30.6.2017 (**ORACLE**)

3.6.11 Release date: 30.6.2017 (**ORACLE**)

3.7.0 Release date: 25.4.2017

3.7.4 Release date: 24.7.2017

3.8.0 Release date: 15.11.2017

3.9.0 Release date: **5.2.2018** (available as beta version only)

4.0.2 Release date: 10.4.2018

4.1.2 Release date: 27.9.2018

4.1.3 Release date: 2.10.2018

4.1.6 Release date: 10.11.2018 (**ORACLE**)

4.1.8 Release date: **4.2.2019** (**ORACLE**)

4.1.9 Release date: 6.2.2019 (**ORACLE**)

4.1.12 Release date: 5.3.2019 (**ORACLE**)

4.2.2 Release date: 18.12.2018

4.3.2 Release date: **17.1.2019**

4.4.2 Release date: 4.2.2019

4.5.2 Release date: 23.4.2019 (available as beta version only)

4.5.12 Release date: 16.7.2019 (**ORACLE**)

4.5.13 Release date: 7.8.2019

4.5.16 Release date: 8.9.2019 **(for Sync_CAL only)**

4.5.22 Release date: 22.10.2019

4.6.2 Release date: **15.4.2020**

4.7.2 Release date: **13.10.2021**

4.8.2 Release date: 8.12.2021

4.9.2 Release date: 16.12.2021

5.0.2 Release date: **17.1.2022** (for Sync_LITE, Sync_STD and Sync_PRO only)

5.1.2 Release date: 3.8.2022

5.2.2 Release date: 10.10.2022 (for **GooglePlay** versions only)

5.3.2 Release date: **7.3.2023**

5.4.2 Release date: 10.8.2023

5.5.2 Release date: 18.12.2023

5.6.2 Release date: **18.1.2024**

5.7.2 Release date: 23.4.2024

5.8.2 Release date: **8.7.2025**

6.0.2 Release date: 3.11.2025

1.7.0.25 Initial Release date: **29.4.2010**



- based on Synthesis Client Engine **3.4.0.6**
- initial release, supporting **Android V1.5 .. V2.1**

1.7.2.2 Release date: 12.5.2010



- corrected ALARM support for VCALENDAR 1.0
- unavailable contact fields of Android 1.5 + 1.6 disabled in devInf (FN, NICKNAME, CATEGORIES, URL, BDAY)
- events with ATTENDEES but w/o ORGANIZER are allowed now
- contact name change problem for Android 1.5 + 1.6 fixed
- resume details will be deleted when changing the sync mode
- SDK version display on the system console
- all-day workarounds for problems caused by Android calendar bugs
- DATE flag will be assigned when sending as VCALENDAR 2.0
- sync supported for contact items with ORG but w/o NAME
- kept log files can be deleted at the log menu (using the „Delete“ button)
- FAX HOME/WORK/OTHER assignment corrected
- change of PHOTO size will be recognized for all Android versions

1.7.2.6 Release date: 26.5.2010

- based on Synthesis Client Engine **3.4.0.8**
- inverse sense for all-day switch (default/current setting remains)
- remove misleading „Try with SyncML 1.1“ text for error 20049
- LABEL / FN field support for Android 1.5 + 1.6 (within 1 field)
- separation of street / zip / city / country, if everything in street field
- stable device ID with and w/o WIFI usage
- **German localization added**
- CLASS setting is now PUBLIC for events with standard visibility
- automatic SyncML 1.1 / 1.0 recognition improved
- possible retry for sending logs added
- ignore phone entries w/o phone number

1.7.2.9 Release Date: 1.7.2010

Officially certified and supported by **ORACLE** *for OCAS 10.1.2.4.8 and above installations.*

1.7.2.11 Release date: 5.7.2010

- support for calendar access on **Android V2.2 (Froyo)**
- spaces and line end chars at the end of server URL will be removed
- alarm setting will be correctly updated when changed on server
- keep remote path persistent during license settings change
- further all-day bug workaround added for timezones west of UTC
- multiple profile support added
- a copy of „sysynclib_targ.bfi“ and „sysynclib_prof.bfi“ will be stored on the SDCard



- <model> can be set to „SySync Client Android STD“
- „NEEDS-ACTION“ corrected for VCALENDAR 2.0
- temp. license remains valid with changed license text

1.7.2.12 Release date: 8.7.2010

- based on Synthesis Client Engine **3.4.0.10**
- invalid temporary license problem fixed

1.7.2.19 Release date: 5.8.2010

- based on Synthesis Client Engine **3.4.0.11**
- new calendar accounts can be created now
- read-only accounts are greyed-out now
- kept_logs SDcard copy bug fixed
- About www.synthesis.ch is now an active link
- update checker for new release versions introduced
- e-mail w/o flag will be stored on Android 1.5+1.6
- specific (invisible) contacts accounts added for some Android devices (HTC Desire / Samsung Galaxy / Droid-X)
- out of memory problem for log files fixed
- some not displayed alarms are visible now
- alarm offset problem in VCALENDAR 2.0 fixed
- beta code for SMS sync added
- display count for every 10th item makes sync faster
- internal phonebook can now be accessed separately
- categories for contacts no longer available
- number of attendees is now limited to 32
- calendar is considering delete flag for Android 2.2

1.8.0.4 Release date: 25.8.2010

- based on Synthesis Client Engine **3.4.0.13**, **SDK version changed to 1.8.0**
- use of **new certificate**: **deinstallation of the previous version is required**
- SyncML encoding is now always WBXML
- problem with invisible active accounts fixed
- duplicate attendees will no longer be changed to <unknown>
- maximum number of attendees is no longer limited (again)
- organizer w/o email will be set to <unknown>
- provisioning support for Synchronica added
- organizer/attendees can be suppressed and will not be sent to sync server (due to a problem with the eGW server)
- **number of items** will be shown (on main screen and per account)
- newline(s) within the license text no longer cause problems
- Android device prevented from sleeping during the whole sync session
- log display will show the duration of the sync sessions now
- changed start/end time of events always recognized now
- checker for invalid/expired licenses at the main screen

1.8.0.22 Release date: 12.10.2010

- based on Synthesis Client Engine **3.4.0.15**
- **PRO version** with **timed sync** support is now available
- faster „Reload Device“ for contact datastores implemented
- Http Auth support added / userAgent contains now valid information
- local timezone adaption for VCALENDAR 1.0
- per datastore errors are now correctly displayed on the log screen
- creating calendar accounts works now for Android 2.1 as well
- incomplete server settings: dialog added at the main screen
- The Android calendar application was not any more able to display create calendars when using the Android Client V1.8.0.4. This is fixed now.
- use <displayName> instead <name> for calendars, this gives clearer names (instead id=X) on some Android devices like the HTC Desire
- internal phonebook will not be shown, if „pcsc“ is available (HTC Desire) or if „vnd.sec.contact.phone“ is available (Samsung Phones)
- default public/private setting added for calendar
- screens are now scrollable on the full width in landscape format
- blue color of buttons have more display contrast now
- some duplicate entries will be suppressed in contact items
- UTC time zone problem with reminders fixed, all reminders visible now

1.8.0.23 Release date: 26.10.2010

- based on Synthesis Client Engine **3.4.0.17**
- NullPointerException in calendar settings fixed
- calendar categories assignment can be done individually now
- even better color contrast for some buttons
- Android 2.1 warning for disappearing calendars added

1.8.0.27 Release date: 22.11.2010

- based on Synthesis Client Engine **3.4.0.19**
- bidirectional **SMS sync** for **PRO version** (single or threaded SMS sync)
- sync icon in status bar will be removed, if timed sync is inactive
- tighter wakelock for timed sync
- differentiate invalid/expired licenses correctly
- app separated internally into a main program and a library
- EXDATE enhancements for the calendar added
- display text when „data unmodified on both sides“
- category not unique: more specific error / no error if no categories
- deleting calendar items is not just setting the delete flag for (Android 2.2)
- speed enhancements for calendar reading
- problem of forgetting sometimes the license code is fixed
- VCALENDAR 1.0 bugfix for all-day events & unchanged items

1.9.2 Release date: 27.12.2010

- based on Synthesis Client Engine **3.4.0.20**
- released at **Android Market / Google Play** as „**Sync STD**“ / „**Sync PRO**“
- no more forced slow syncs in other profiles after „Reload Device“
- active contacts/events switches will be kept for each profile individually and will be saved persistently (even during a reinstallation of the app)
- data for a new profile can be inherited from the currently active profile
- profile names must be unique and not empty
- improved recognition of Internal Phonebook for all Android device types
- delete profile button is now at top right position
- show warning dialog, if no datastore enabled or if no active contacts or cal
- RRULE INTERVAL=1.. bug fixed
- „Reload Device“ delete problem solved with a step-by-step approach
- open alert boxes will be kept now during rotation of the screen
- avoid app to be stopped due to rotation of the screen during sync session
- not selected calendars (within calendar app) can be synced now as well
- huge speedup for unchanged calendar reading

1.9.5 Release date: **1.2.2011**

- based on Synthesis Client Engine **3.4.0.21**
- contact birthdays can be mapped into **birthday calendar** for **PRO version**
- package name problem for Android Market version fixed
- photo format for addressbook entries can now be not only **.png** (default), but also **.jpg** (standard for several servers) or switched **off** completely.
- EXDATES before 1970 recognized correctly now
- force EXDATES in calendar database for Android 2.2 and higher
- documentation can be downloaded now directly from „About“ menu
- problem with AIF hash file and default profile fixed
- create message dumps only if specifically used
- new version of the **Android SDK 1.9.0** is based on these sources

1.9.6 Release date: 21.2.2011



- based on Synthesis Client Engine **3.4.0.22**
- support for all OS versions: **Android V1.5 .. V2.3.3**
- avoid spaces in internal filenames (because of problems with some Android devices using the older RFS file sys)
- setUseCaches(false) for safety reasons
- DeleteSyncSet issue with Android 1.5/1.6 contacts fixed
- default adaption for unknown/floating time zones
- problem with wrong reminder time (which came in with V1.9.5) fixed
- missing calendar categories added for some cases
- invisible EXDATES do not only compare the start/end time

2.0.2 Release date: 22.3.2011

- based on Synthesis Client Engine **3.4.0.24**
- exception dates w/o orig date will not be deleted anymore
- hash calculation enhanced for VCALENDAR 1.0 w/o UID
- Java thread change issue fixed
- settings menu icon is visible also on Android 2.3 (with black background)
- new **notes datastore** including **notes editor** added (for **PRO version**)
- misleading „http/https missing“ error clarified
- additional exception catch e.getMessage() info at the log file
- empty <eventStatus> problem fixed
- VCALENDAR 1.0 DST problem for reccuring events (1h delay) solved
- VCALENDAR 1.0 floating problem for no UTC support solved
- improved timezone and DST rule finding algorithm (engine)
- VCALENDAR 1.0 DST rule adapted for the correct year (engine)

2.0.7 Release date: 21.4.2011

- based on Synthesis Client Engine **3.4.0.26**
- **Synthesis Widget** for directly starting sync sessions introduced now
- the widget shows timed sync information for next activity (**PRO version**)
- „system“ timezone for alarm calculation corrected
- non-existing db entry „url“ suppressed (for Garmin-Asus A10 devices)
- **NEW** product „**Sync LITE**“ (contacts only) now at **Google Play**
- Last sync time display can be chosen (instead of next sync time)
- problem with editing account settings for **Google Play** versions fixed
- timed sync can be configured for enabled WiFi-only (**PRO version**)
- float values for tsync time interval supported now (**PRO version**)

2.0.12 Release date: 15.6.2011

- based on Synthesis Client Engine **3.4.0.27**
- support for all OS versions: **Android V1.5 .. V2.3.4**
  (tests with **Android** tablet version **V3.0 and V3.1** look fine as well)
- enhanced WiFi wakeup algorithm for timed sync
- new **tasks datastore** including **tasks editor** added (STD and PRO)
- LOCERR_INCOMPLETE check only for enabled datastores now
- new settings switch: log display can show all **or changes only**
- new settings switch: display only enabled datastores on the main screen
- tasks editor and notes editor only available with a valid license
- events: support for alternate organizer email address
- events: hash consistency with client created UIDs
- Android keyboard will not be activated anymore in several submenus
- last/next sync time info will be displayed at the timed sync menu now
- notes/tasks will open an intermediate display in „title only“ mode
- Europe/Amsterdam timezone problem fixed (for Android 2.3)
- width calculation update for rotation during sync session
- 2 additional **widgets** for direct calls to **notes** and **tasks** (**PRO version**)
- android.hardware.telephony no longer required for PRO version
- **number of items** display in notes and tasks editor

2.0.16 Release date: 30.6.2011

- based on Synthesis Client Engine **3.4.0.30**
- the currently released version of the **Synthesis Android SDK V1.9.2** is based on the sources of this app version
- **multi profile sync** introduced (**PRO version**)
- tasks description field will be synced now server -> client as well
- Europe/Brussels and other timezone problems fixed (for Android 2.3)
- UTC conversion problem for tasks fixed („today"/„tomorrow" display)
- log menu will now be updated on the fly (during auto sync)
- settings menu switches and arrows are blocked during sync session now
- UID fix for exdates / UID adaption for Android 3.1 w/o URL field

2.0.17 Release date: 7.7.2011

- based on Synthesis Client Engine **3.4.0.31**
- notes/tasks **widgets** with title + **current number of items** **(PRO version)**
- the „Start Syncronisation" button text on the main screen will change to „Start Multi Profile Sync" when this mode is activated **(PRO version)**
- a problem brought in with the UID changes of version 2.0.16 (which caused an error=10500 for recurrence exceptions) has been fixed

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2.1.1 Release date: 23.8.2011



- based on Synthesis Client Engine **3.4.0.33**
- support for all OS versions: **Android V1.5 .. V3.2**
- HTTP err 302 „moved temporarily" solved => redirection
- less adb logcat debug output, but with current time info
- tasks/notes widget position adjustment for vertical screen
- enhancements for widget updating **(PRO version)**
- cut empty lines at the end of notes **(PRO version)**
- changed log entries switch is at the log menu now
- further UID adaptions (mainly for **Android 3.1 / 3.2**)
- new calendar settings switches for writing new server UIDs
- Android 3.0 - 3.2 tablet deviceID and screen display adaptions
- the tasks widget's number of items is now configurable for different modes
- the tasks display can show this specific selection of items.
- **due dates of tasks** (with individual reminders or a default reminder) can be mapped into a specific **tasks calendar** **(PRO version)**
- location and description added to birthday calendar entries **(PRO version)**
- support for **repetitive tasks** (1st occurence in future will be shown)
- end date for repetitive tasks introduced
- task editor: priority selector with same icon as in overview
- more **detailed timed sync** settings **(PRO version)**
- keyboard will no longer pop up automatically in notes and tasks editor
- correct docu download as PDF, show alert box if docu file already exists
- individual reminders introduced for tasks
- calendar creation problem for Android 3.X fixed

- layout adaptions for Android 3.X tablet versions

2.1.10 Release date: 1.11.2011

- based on Synthesis Client Engine **3.4.0.34**
- support for **Android V4.0** (contacts, tasks, sms, notes, but **not yet events**)
- show Synthesis web page in normal format for tablets
- tasks widget count was sometimes too high with repetitive tasks -> fixed
- profile/about and registration/settings menu positions are swapped now
- DST correction for repetitive tasks
- task editor can be configured to open directly in title-only mode
- next time info visible in log menu of Android tablets
- birthday all-day reminder times corrected for tablets
- SMS datastore no longer visible for tablets with WiFi only access
- calendar adaption for rrule with exdates/exceptions
- **tasks** can handle now **reccurence with exdates and exceptions**
- past/future days settings for task recurrence introduced
- **Google Play** licenses longer kept valid w/o internet connection
- tasks w/o due date will be synced as well
- **Astrid Tasks** can be synced now (alternatively to internal Synthesis tasks)
- tasks can be completed/reverted directly at the task editor's main menu
- completed tasks can be configured to be automatically deleted
- speedup for opening contacts settings and for contacts reading
- main screen and datastore settings with orientation change adaption
- rrule exceptions w/o base rule will not be removed anymore
- corrected reminder time calc of updated events (when update before read)
- all-day adaption for sent events, including reminder calculation
- tasks repetition can choose now 4th or last week (if both is possible)
- widget update time increased to 6 seconds (to avoid freezing problems)
- end time before start time will be converted to 1 hour (or 1 day for allday)
- alternate deviceID can be activated for each profile individually now
- active contacts/calendars will be inherited to new profile in copy mode
- duplicate active addressbook/calendar name problem fixed
- speedup for event sync when using multiple calendars
- delete log files can be done separately now (3rd choice at log „delete")
- access to calendar DB with missing <availabilityStatus> field fixed

2.1.11 Release date: 3.11.2011 (**non-market PRO** version only)

- avoid unintended fallback to STD version

2.2.7 Release date: 22.12.2011



- based on Synthesis Client Engine **3.4.0.36**
- support for all OS versions: **Android V1.5 .. V4.0**
- <msg_dmp> flag setting corrected
- screenshot mode for keeping the docu up-to-date
- UTC based events and tasks w/o VTIMEZONE information will be converted into the device's user time zone

- additional RRULE support for tasks (based on DUE only if no DTSTART)
- large tasks reminder time will be sorted correctly now at reminder selector
- created log files **can be sent** now (as attachment) **by email** also
- „percent-complete“ field supported for tasks
- default tasks reminder handling adapted (also available for STD version)
- more settings will be saved persistently (on /sdcard/download)
- main title adjustment to left (avoiding line break on some devices)
- tasks: each individual reccurence can be set directly to completed
- tasks: improved support for exdates and completed deletion
- altModel switch is visible for the LITE version now
- contacts: valid birthday adaption
- events: hash comparison improved for activated Google Calendar sync
- tasks/notes widget count will not disappear when app is stopped
- **Android V4.0 events supported** (database fields <originalEvent>, <transparency> changed to <availability>, <original_sync_id>)
- sending logs to Synthesis server supported for Android 4.0 as well
- birthday reminder problem (on birthday) fixed for V3.0 and later
-

2.2.13 Release date: **15.2.2012**

- based on Synthesis Client Engine **3.4.0.38**
- if autsosync is disabled: don’t show sync icon in task bar **(PRO version)**
- **speedup** for the contacts datastore operations (using hash calculations)
- **contacts duplicate suppression** on client side (identical items + subsets)
- 1 hour default for events w/o DTEND and DURATION (err=500 problem)
- switching photo mode on/off will not update items at sync
- HTTP error 301 „moved permanently“ solved also with redirection
- **contact groups** are now supported as **categories** for sync
- new contact (<firstName>,<lastName>) can be created at any account
- all entries of any contact account can be deleted on request
- font size enlarged for internal tasks and notes editor
- **long click** for **sync** button introduced: opens the profile selection for sync
- **long click** for **datastores**: allows sync mode selection at the main menu
- alternate organizer for name AND email address
- server URL edit field suppresses some special characters
- tasks: description text suppression, if identical to summary text
- tasks/notes widget counters adapted at multi profile sync **(PRO version)**
- new contact accounts can also be created with **Sync LITE** also now
- widget manual mode status display fixed
- waiting for sending logs when app is not active
- items without name and organisation are supported now

2.2.20 Release date: 17.4.2012

- based on Synthesis Client Engine **3.4.0.43**
- **French localization added**
- **Android Market** texts changed to **Google Play**
- **color** of each **calendar** can be defined / changed
  (some system calendar colors will be set back to default however)
- new event (<title>,<startTime>) can be created at any calendar
- all entries of any calendar can be deleted on request
- X-ANNIVERSARY field supported for contacts
- main menu / settings scroll section now only for the datastores
- **multiple accounts** for **tasks** supported now
- **tasks groups / astrid lists** now supported as **categories** for sync
- enhanced duplicate suppression for contacts
- bug fix for Android 4.0 calendar item deletion
- first/last name of contacts can be swapped for each account
- http errors will be indicated separately
- incomplete sync will show good datastores correctly now
- the tasks settings can be reached now directly from tasks overview
- Sync LITE identifies as „STD“ by default now to avoid problems with some servers with profile definitions.
- enhanced TZ recognition for „DAYLIGHT“ (VCALENDAR 1.0)
- Helsinki TZ preferred, due to a TZ bug in Android 4.0
- MAXOBJSIZE increased to 30'000'000 bytes
- MAXMSGSIZE increased to 50'000 bytes
- parse/generate suppressed in log file, if not in <exotic> mode
- server sent byte numbers corrected
- contact photos will be downsized, if one dimension larger than 1000 pixels
- birthdays/anniversaries w/o year information are supported now
- **speedup** for the **calendar** datastore operations
- **calendar duplicate suppression** on client side (identical items + subsets)
- RRULE exception alignment algorithm added
- **document sync** is supported now **(PRO version)**

2.2.21 Release date: 18.4.2012

- based on Synthesis Client Engine **3.4.0.44**
- error=20040 fixed (buffer increased to 120'000 bytes)
- „About“ menu orientation bug fixed

2.3.2 Release date: 10.5.2012

- based on Synthesis Client Engine **3.4.0.45**
- keep some STD/PRO specific parts in separate libaries
  => **LITE** and **STD** apps are smaller now
- bug fix for elimination of recurrence duplicate exceptions
- larger MAXMSGSIZE can be reduced again to 20'000 bytes by a setting
- **app version** will be displayed by touching the main title
- <MAN> setting back to „Synthesis AG“ (due to problems with eGW)
- UTC adaption for VCALENDAR 1.0 items
- new calendar items will be created in system timezone now

2.3.4 Release date: 10.5.2012 (for **Google Play PRO** version only)

- based on Synthesis Client Engine **3.4.0.46**
- 2.3.2 build version (only Google Play PRO) was **damaged** => replace it

2.3.16 Release date: 10.7.2012

- based on Synthesis Client Engine **3.4.0.47**
- log_details menu with client ⇔ server transfer information **(PRO version)**
- log entries can be deleted individually **(PRO version)**
- maximum number of log_details entries can be chosen **(PRO version)**
- identical account names with different types are supported now
- duplicate suppression with upper limit of 50, if no identical values available
- fallback to SyncML/1.1 with error 412 (incomplete command)
- multiple err=10415 (unsupported media type or format) rejects instead of session break for events
- notes editor can be opened again directly in title only mode **(PRO version)**
- long click on registration info allows reactivation of disabled datastores
- log files will be written to SDcard directly now (if an SDcard is available)
- eventStatus information about deleted or changed exdates will be used now
- tasks/notes editor functions again selectable when app started via widget
- contact/event item update dup fix for delayed read (missing context)
- title update for hash system improves duplicate suppression
- fix for base rule with exception removal coming from server
- contacts: consider only first FN, if multiple entries available
- remove raw contact entries correctly on Android 2.1
- UTC adaption for VCALENDAR 1.0 alarm time
- several VCALENDAR 1.0 adaptions for rrules with exceptions
- Allday event exdates will be sent as allday event, if the base event is allday
- targetSDK is now 15 (= Android 4.0.3), **menu handling** is differently now (at top right corner) for usage with Android 3.0 and higher
- all **edit fields** have blue colored background now



2.4.0 Release date: 31.7.2012

- based on Synthesis Client Engine **3.4.0.48**
- support for all OS versions: **Android V1.5 .. V4.1 (Jelly Bean)**
- log_details: rrule events + exceptions displayed as groups, ordered by date
- adapted contacts query sorting („_id“) for Android 4.1
- log_details: server user attr will be shown here **(PRO version)**
- log_details: reporting about tasks, notes and sms changes **(PRO version)**
- log_details: allday events will be shown accordingly **(PRO version)**
- log_details: SMS will show phone number AND name **(PRO version)**
- speedup for notes and SMS sync **(PRO version)**
- deleted recurrence exceptions: (invisible) title renamed to base event title
- rrule exception handling no longer dependent on logging mode

- docu download problem for Android 4.0 fixed (no internet in main thread)
- main layout registration field larger layout for reactivation of datastores
- tsync_details: start / stop fields with larger width for „PM“ **(PRO version)**
- sync reporting with enhanced reject handling

2.4.1 Release date: 14.8.2012

- based on Synthesis Client Engine **3.4.0.49**
- LoadHIF problem for no longer existing accounts (**err=10500**) fixed
- => error 20054 introduced for removed accounts
- remove any spaces in server URL, if available
- „AutSync“ typo corrected (tsync details) **(PRO version)**
- log_details: show bad content info as well **(PRO version)**
- adaptions for recovering the SMS date/time correctly **(PRO version)**
- inconsistent read at notes datastore corrected **(PRO version)**
- InitEngine() will be called only once when app is starting
- last/next + manual/automatic sync time (at log menu for tablets) enhanced
- tasks datastore: support for null/“null“ accounts
- check for updates: adaption for Android 4.X: no longer done in main thread
- Oracle status filter switch for calendar summary added

2.4.12 Release date: 22.10.2012

- based on Synthesis Client Engine **3.4.0.53**
- speedup for entering menus (especially the settings menu)
- additional SSLException debug code for the log file
- widget tasks counter will not reset anymore
- Android 1.X: internal tasks counter corrected / improved FN field handling
- „reload device“ ds_contacts problem for Android 1.X fixed
- „reload device“ works now for empty notes datastore **(PRO version)**
- notes editor with direct settings entrance (green arrow) **(PRO version)**
- **searching** subject / text supported now for notes **(PRO version)**
- **searching** title / description / location supported now for tasks
- alarm calculation as UTC for real allday events only
- tsync time calculation will be done immediately now
- tsync details: start/stop time: black font for Android 4.X **(PRO version)**
- **buttons** are no longer partly transparent for Android 4.X
- **buttons** have much better contrast on several Android devices
- multi profile sync **buttons** with more color contrast **(PRO version)**
- **speedup** for **contacts normal sync** (hash reading)
- speedup for log_details reading **(PRO version)**
- long click on a specific note allows to delete them **(PRO version)**
- item counting during send is correct now
- tasks: toggle status of recurrence events will no longer cause jumping disp
- bulkInsert (contacts) will run about 15 seconds
- some shorter/smaller texts to let them fit on one line
- clrtext password can be sent (with „ :CTPW“) e.g. for SmarterTools server
- switch for number of log detail entries is at log menu now **(PRO version)**
- default status value for tasks status is now NEEDS-ACTION
- main widget: the „about“ menu can be opened now also in case of an error
- reject tasks not assignable to any account

- SMS name checker only for active contact accounts **(PRO version)**
- main menu counters will be adapted if accounts are changed (and saved)
- switch for larger msg size is now last item of „diagnosis and compatibility“
- additional priority scheme 1-5-9 added for **Astrid Tasks**
- default priority for new internal tasks is now undefined (0)
- white colored calendars will be written with black letters at event settings
- **speedup** for **document sync** (client -> server) **(PRO version)**
- more distance between text and toggle switches and tasks location / desc
- „others“ no longer visible during counter calculation
- notes / SMS / document sync are not conflicting anymore **(PRO version)**
- tasks alarms: use diff to DTSTART, if DUE is not defined
- tzInfo() conversion for outgoing tasks & Astrid tasks
- immediate reaction on color/text of the main sync button
- internal „/profiles“ will kept open -> speedup for settings operations
- notes editor subject is no longer within the scroll region **(PRO version)**
- internal / Astrid tasks icon will change only, if operation is saved
- MAXMSGSIZE can now be defined in a range of 5'000 .. 2'000'000 bytes
- notes and tasks Widgets adjusted for Android 4.X **(PRO version)**
- enhanced duplicate suppression for calendar entries
- calendar <aID> now assigned earlier to get a valid UID containing <aID>

2.4.13 Release date: 23.10.2012 (for **Google Play STD** version only)

- still based on Synthesis Client Engine **3.4.0.53**
- 2.4.12 build version (only Google Play STD) was **damaged** => replace it

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2.5.0 Release date: 5.12.2012

- based on Synthesis Client Engine **3.4.0.56**
- support for all OS versions: **Android V1.5 .. V4.2 (Jelly Bean)**
- the currently released version of the **Synthesis Android SDK V2.0.0** is based on the sources of this app version
- **call log sync** (device -> server) is supported now **(PRO version)**
- **bookmarks sync** (device- > server) is supported now **(PRO version)**
- Android 1.X fix for SMS sync (don’t search contact name) **(PRO version)**
- log details: show file sizes for document sync **(PRO version)**
- log details: session’s <maxmsgsize> will be shown **(PRO version)**
- preparations for settings files in subfolder
- **speedup** for **calendar sync** and (internal) **tasks sync**
- **tasks duplicate suppression** on client side (identical items + subsets)
- system tz will be converted into real name for tasks
- sysynclib_settings.zip provisioning support added
- choose first account in case of no gmail account
- first time sync will not fall back to normal sync for 1-way "update“
- send log file by email, if too large for directly upload to Synthesis server
- internal library split to synthesis_lib_sdk and base synthesis_lib
- dynamic datastore layout for main menu and settings
- active buttons will display in orange color (again)

- sync_thread special mode calls will not close „/profiles“ any more
- „changed organizer“ will be sent always when starting with „+“
- suspend/resume during „Reload Device“ w/o changed items for calendar
- suspend/resume with “...“ counter display
- SFilterOut (removal of backslash escaping) corrected
- PRO version can now identify as STD on request (e.g. for eGW server)
- allow multiple calendars with the same name in different accounts
- calendars settings will show their account name, if sysync or not unique
- settings -> events -> categories will show now the calendar colors
- **EXDATES** will be accepted (and adjusted), if their time is not correct

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2.5.12 Release date: **23.1.2013**

- based on Synthesis Client Engine **3.4.0.57**
- zap warning (reload device/reload server) only once per sync session
- RRULE fix for **Astrid tasks**
- contacts: email duplicate suppression added
- log_details: bookmarks are displayed as real link now **(PRO version)**
- save enabled datastores (in RunXSession mode) **(PRO version)**
- tasks editor can be opened again from main menu **(PRO version)**
- tasks duplication iID comparison bug fixed
- task due dates in calendar will not any more disappear during Normal Sync
- app initialisation in a separate task (**init ...**)
- tsync info will be saved persistently, even if app stops after changes
- calendar: write transparency info = 0 to Android DB in case of unavailable
- calendar: write visibility info = 0 to Android DB in case of unavailable
- settings background color for srv/tsync consistently orange now
- visibility/accessLevel supported for Android 4.X
- enhanced support for calendar with gmail sync
- some <allDay> adaptions
- duplicate suppression enhanced for calendar (e.g. visibility difference)
- some GooglePlay license threading adaptions
- document sync: rejects for files w/o a filename **(PRO version)**
- app settings (again) taken also from other package at first installation

2.5.19 Release date: 1.2.2013

- based on Synthesis Client Engine **3.4.0.58**
- faster opening the internal tasks editor
- internal tasks editor: changing sort mode will not rebuild all entries
- ds_calendar: FixItInDB (err=10500) problem fixed
- tasks percent range: will round now to next integer value
- DurationMilli() with extended support for multi values (e.g. „P1H15M0S“)
- log_details: with blue line (time of sync) and red line (current time)
- log_details: show end time if not the same date **(PRO version)**

2.6.6 Release date: 7.3.2013

- based on Synthesis Client Engine **3.4.0.61**
- „visibility“ typo corrected
- notes/tasks: some update adaptions (counter, empty bar, searching, ...)
- log_details: call_logs sorted descending (again) **(PRO version)**
- call_log: allows now > 500 entries **(PRO version)**
- call_log: deleted entries can be recovered **(PRO version)**
- WiFi will be switched off again correctly after timed sync **(PRO version)**
- WiFi now waiting long enough for wm.isWifiEnabled() **(PRO version)**
- WiFi lock bug workaround / no more WiFi lock for special modes
- airplane mode is considered correctly for „sync only when WiFi active“
- timed sync WiFi mode now: 3G, if active or activate WiFi **(PRO version)**
- with <noMatchSw> correction for calendar
- targetSDKversion= 12 now, avoid orientation change problems on 3.X/4.X
- each **task account** can be **colorized** now individually
- log_details: show total number of bytes out/in per session **(PRO version)**
- log_details: correct tzTime comparison/ordering **(PRO version)**
- Astrid tasks: Number of items are correctly counted now (deleted=0)
- Astrid tasks: with **duplicate suppression** support on client side
- Astrid tasks: **location** supported (as 1st line of notes field in angle brackets)

2.7.0 Release date: 13.5.2013

- based on Synthesis Client Engine **3.4.0.64** **(smaller, using current NDK)**
- support for all OS versions: **Android V1.5 .. V4.2.2** **(Jelly Bean)**
- notes: persistent <aID> / full hash+CRLF -> LF support **(PRO version)**
- **notes duplicate suppression** on client side **(PRO version)**
- call_log: CUSTOM label will not be sent anymore **(PRO version)**
- call_log: Enhancements for changing single/threaded mode **(PRO version)**
- MainTitleTxt() NullPointer problemfixed
- **contacts photo duplicate suppression** (for the same photo dimensions)
- **contacts notes field duplicate suppression**
- german text adaption: „Username“ -> „Benutzername“
- speedup for showing task due dates at the Android calendar
- bug fix for sending message logs (with hidden option)
- „sysynclib_settings.zip“ support for already installed app
- hierarchical sync support for document sync **(PRO version)**
- enhanced tsync logging of previous sessions **(PRO version)**
- hash problem with changed organizer / attendees fixed
- error text added for err=407
- combined sync with same ds types: ask for sending logs once at the end
- hidden options with multiple spaces after username allowed now
- next sync time will be correctly shown after app restart **(PRO version)**
- preserve WiFi errors **(PRO version)**
- ChkForUpdates() will no longer suppress tsync sessions **(PRO version)**

2.7.8 Release date: 7.8.2013

- based on Synthesis Client Engine **3.4.0.65** **(support for Intel Atom x86)**
- support for all OS versions: **Android V1.5 .. Android V4.3** **(Jelly Bean)**
- **NEW** product „**Sync CAL**“ (events only, with timed sync) at **Google Play**
- improved profile change: profile submenu and syncing on different profile
- onBackPressed() support for profile, registration and settings menus
- onBackPressed() support for tasks and notes editors
- **file slice mode** for document sync with large files **(PRO version)**
- spinner async task display during start and during profile change
- internal cmp_account() feature for contacts added
- default reminder choice for internal tasks added
- <cpu> and <vSDK> info added to log_details **(PRO version)**
- Improved duplicate suppression for case sensitive subjects
- Improved duplicate suppression for rounding differences of start/end time
- Primary key for event duplicate suppression is now the start time

2.8.0 Release date: 14.8.2013

- based on Synthesis Client Engine **3.4.0.66**
- bug fix for crash on some devices in the datastore settings menu

2.8.6 Release date: 27.10.2013

- based on Synthesis Client Engine **3.4.0.68**
- calendar settings: problem with opening categories menu is fixed now
- calendar settings: problem of not saving changes is fixed now
- no unrelated widget syncs anymore
- tsync blocking disabled when leaving the autosync menu **(PRO version)**
- **Sync LITE/CAL** allows to identify as „STD“ with hidden option „ :STD“
- switch off inaccessible datastore when changing synthesis_pro => synthesis
- LOCERR_NOCONN error introduced for syncing in airplane mode
- avoid NullPointers (prof_hd_tmp / SDK_rw) / tasks sorting try/catch
- call_log: iso8601 conv and <m1970> + <m2000> suppression
- speedup for opening notes editor (sorting, empty wildcard) **(PRO version)**
- several adaptions and speedup for recurring events with exceptions
- speedup: DispExDates() will be called only with „ :DEXD“ option
- exdates will be sorted by orig date within the rrule hash (to avoid changes)
- **Sync CAL**: account settings opens settings_calendar now
- **Sync CAL**: is connecting to contacts adapter (for account creation)
- DeleteAccount is using Com_Sysync_Adapt as unified package name
- contact settings for birthday events in calendar corrected **(PRO version)**
- Sync with **OI Notepad** added (available as Beta now) **(PRO version)**

2.9.0 Release date: **20.1.2014**




- based on Synthesis Client Engine **3.4.0.71**
- support for all OS versions: **Android V1.5 .. V4.4 (KitKat)**
- avoid alarm settings for invisible exdates
- **OI Notepad** can be used for Notes Sync now **(PRO version)**
- widget recognizes changes of icon mode (**Astrid** + **OI Notepad**)



- no disp of disabled OI Notes in main menu (when using :EDSP)
- events hash is no longer dependent from calendar
- improved sBEG/oTIM comparisons
- tasks VCALENDAR 1.0 adaption: no change „system“ > „Europe/Zurich“
- unique calendar categories and „cal=xx“ warnings correctly working again
- **internal notes editor** is loading in **background** now **(PRO version)**
- + wildcard improvements **(PRO version)**
- + notes delete mode: all or wildcard selection **(PRO version)**
- **internal tasks editor** is loading in **background** now
- + wildcard improvements
- + invalid due date sorting corrected
- + account group („account: xxx“) improvements
- + tasks delete mode: for long click and selection



- + with geo coords <lat> <long> support
- + **GPS geo location** support / connection to Google Maps
- + interval > 1 for reccurence tasks is supported now
- **Alex Baker's Tasks** (**Astrid** To-Do List Clone) supported (version 4.6.12 or newer of „**Tasks**“ should be installed)



- tasks category field is always visible now on SyncML side
- warning option for forced slow sync mode added
- tsync details: weekday titles will toggle and show bold **(PRO version)**
- tsync details: warning if no valid next sync is selected **(PRO version)**
- tsync status info (pink lines) no longer visible by default **(PRO version)**
- EscOut CR <=> LF crossover problem fixed
- recurrence exception (RECURRENCE-ID) offset and time zone fix
- engine: timezone Olson name recognition fix
- MONTHLY by BYMONTHDAY problem fixed for VCALENDAR 1.0
- New device's user zone switches for events and tasks
- tasks: RRULE with exceptions: exceptions changes are recognized now
- avoid cross DUP elimination removal (with UPD of remaining item)

3.0.0 Release date: 22.4.2014

- based on Synthesis Client Engine **3.4.0.72**
- reactivate counter update for changed profile sync (using long click)
- BOOT_COMPLETED permission no longer used for STD version
- all required permissions can be found now at the documentation
- some statistics display improvements (n calls, but 0 milliseconds)
- avoid notes/tasks_both NullPointer
- speedup for RR_MONTH recognition (for RRULE tasks)
- catching „targetdb“ tsync directory as well **(PRO version)**

- 2 additional timed sync retries in case of LOCERR_SRVNOTFOUND or LOCERR_CERT_NOT_INVALID (with https); show light green title bar only in case of retries **(PRO version)**
- timed sync with app restart will try again after 10 seconds **(PRO version)**
- changed tasks in UTC timezone from server will not be sent back again
- changed tasks with categories from server will not be sent back again
- tasks: number of items is now based on due time (no longer on start time)
- show manual syncs with green title bar now in log menu
- speedup for internal tasks and notes editor opening
- tasks recurrence limits no longer bound to 180 days
- tasks reccurrence counting corrected
- tasks editor: wildcard search works now for priority and due date as well
- tasks editor: do selected and wildcard items first
- tasks editor: changed due/start/last time will be saved with seconds= 0
- forced slow sync warning switch: influence at autosync **(PRO version)**
- „system“ adaption for local timezone (floating for VCALENDAR 1.0)
- eventStatus 0/1 changes are ignored now
- modified fields added for internal tasks and notes
- accounts: click to name -> adapt creation name / long click -> submenu
- GooglePlay license checker earlier done for tasks/notes Widget opening
- events/tasks name/color picker with click / extended menu with long click
- iID-aID separation for tasks (avoids reuse of localID)
- tasks editor: due dates are at the right border now
- events: check cal=xxx before duplicates
- settings menu: with long click for account details
- ListView support for internal tasks and notes
- internal tasks and notes with modified date
- replace-instead-add supported
- delete of non active account entries rejected
- tasks calendar entries will not be removed, if switched off in tasks settings
- tasks: pink background for start time only
- show deleted recurrence items in tasks recurrence mode as well
- RRULE shifting for tasks calendar in case start/due is not the same

3.0.1 Release date: 8.5.2014

- allDay fix, no longer extended over several days

3.0.7 Release date: 19.8.2014



- based on Synthesis Client Engine **3.4.0.74**
- support for all OS versions: **Android V1.5 .. Android L**
- engine fix: Session_DeleteContext for JNI/Android L
- <accessLevel> case sensitivity fixed for AndroidL
- log_details: number of statistics line corrected **(PRO version)**
- notes: fix for duplicate removal **(PRO version)**
- allDay alarm time adaption
- BYMONTH recognition added (RR_next improved)



- **separate sync/vis** modes introduced for tasks
  (task accounts can be independently activated for sync and/or made visible at the internal tasks manager)
- interface for **Pocket Informant tasks (WebIS)** added (works for demo as well as for full version of Pocket Informant)



- **hierarchical tasks support** for Pocket Informant tasks
- 1-2-5-9 priority scheme / allDay support for Pocket Informant
- several tasks cnt adaptions
- no double read counting anymore for SMS **(PRO version)**
- KitKat 4.4 SMS adaptions for the **Default SMS App** **(PRO version)**
- all 4 internal JAVA libraries are now API level = 19 (=4.4 KitKat)
- error texts: Server: ... added
- error 10400 will be shown as timeout now
- several screenshot mode adaptions
- all settings files moved to subdirectory (hidden opt :SUBS is obsolete now)
- speedup for call_log and sms sync **(PRO version)**
- sorting SMS alphabetically by text, if the same date/time **(PRO version)**
- error 420 problem fixed for tasks first call
- some ehancements on contacts duplication suppression (postal, events, ...)
- faster <ltime> conversion with hidden option :SMST
- adb logcat identification is now I/SySync and I/Widget
- forced http(s) connection closing no longer at the main thread
- tasks_edit: changed date will be updated at the intermediate layer
- tasks ⇔ pi_tasks change will be done consistently
- tasks counter is now syn (internally) and vis (at the widget)
- duplication suppression improved (continue checks in next session)
- display number of deleted duplicates
- WiFi activation trial in „3G or WiFi“ mode
- disarm TAIF backslash bombs
- internal tasks/notes entries can be copied with long click, <aID> dup check

3.0.11 Release date: 27.8.2014

- based on Synthesis Client Engine **3.4.0.75**
- a problem of V3.0.7 (hanging at events „preparing“) is fixed
  (TAIF backslash bombs: EscOut() scaling for large objects)



- delete arrows added for most of the editable fields of the app
- fTSyncPrep <during> adaption / GetItems „se“ and „msg“
- PostDbg logging >1<>2... with time (milliseconds) information

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3.2.0 Release date: 26.11.2014



- based on Synthesis Client Engine **3.4.0.76**
- support for all OS versions **Android V1.5 .. Android 5.0 (Lollipop)**
- larger contact photos supported now for Android 4.0 and newer



- several RRULE adaptions for calendar and tasks
- problem with deleting all entries of a specific calendar is fixed
- registration menu: fixed for license text field type (TEdit)
- disabled datastore logos shown **black & white** greyed out



- logs with no changes: datastore logos will be shown greyed out
- **Sync_LITE** / **Sync CAL** do not activate keyboard for URL field
- **Sync_LITE** / **Sync CAL** with **long click** support on main menu
- improved forced slowsync client side recognition
- linebreak problem in tasks editor fixed, allow multiline task title now
- LogFeeder (with ListView) added
- bday_cal: MIN_YEAR is now 1996 due to Android DST problems
- settings menu with disabled **black & white** support for ds and tsync
- avoid switching off CLG/DOC ds after special sync **(PRO version)**
- log (wide) info update during sync session
- settings menu icons will toggle enable switch as well
- call_log icon w/o grey background now **(PRO version)**
- max log detail entry field on a different place for hor/ver **(PRO version)**
- log: display red icons in case of error
- hidden options are treated case insensitively now
- tzTime: faster time comparisons for the same timezone
- log: multiLog mode with „M“ (including horizontal scrolling)
- wifi info with double quote peeling
- wifiReq multi profile sync dependent on current session **(PRO version)**
- SMS: forced contacts loader (for name recognition) **(PRO version)**
- notes/tasks editor ins/del with wildcards: avoid crash with NotifyChanged()
- rejects of too large contact photos (out of memory error)
- show datastore info in red in case of error
- **battery level checker** for timed sync **(PRO version)**
- current battery level display in log menu for tablets
- break/abort mode is only active after icon color is no longer orange
- **calendar multi category combinations** available for calendar assignment
- **calendar category <none>** introduced
- tsync icon is a button now and gives info about next sync or battery level
- onBackPressed extension at con/cal/tsk entry creation menu
- internal renovation of the hidden option system
- calendar categories submenu is now also available for **Sync CAL**
- **bookmarks (and history) sync** with 2-way sync support **(PRO version)**
- log files > 1 MB will be zipped automatically before sending

3.2.1 Release date: 7.12.2014

- fix for Astrid tasks adapter w/o reminder data
- internal tasks w/o accounts are working properly now

3.3.0 Release date: **16.5.2015**

- based on Synthesis Client Engine **3.4.0.78** (C++ expiry date adapted)
- support for all versions **Android V1.5 .. Android 5.1** (Lollipop)
- minor adaptions for screenshot + log modes
- virtual+abstract ds adaptions
- log: <hang> support for <newbar>
- <ds_common> class as base for all datastores
- log details: individual datastore selection in multi mode **(PRO version)**

- log details: avoid multiple statistics and 0 % display **(PRO version)**
- tsync: changing the charge level will not setup time again **(PRO version)**
- log: horizontal scroll mode is active by default now
- speedup for the LogFeeder
- screenshot mode adaptions (3x2 mode introduced)
- interface for **Pocket Informant notes (WebIS)** added (works for demo as well as for full version of Pocket Informant) **(PRO version)**
- call_log settings / log detail text adaptions **(PRO version)**
- events: supress rrule UNTIL defs before start time
- speedup for rrule RR_next() handling
- speedup for hash calculations and HandleDups w/o changes
- incomplete sync error will be written to dedicated datastores
- Time_BEGIN/END statistics speedup (and switched off by default)
- specific support for session (:SESS) and ds statistics (:STDS)
- birthday deletion will be executed in sync session now directly
- permission.READ_EXTERNAL_STORAGE added
- Feeders (Notes/Tasks/Logs) with individual section indexers
- **direct app download with installation** for non-GooglePlay apps
- direct docu download with progress bar (in kBytes)
- mixed allDay/time recurrence events are supported now
- serial number introduced for devices w/o phone and WLAN
- enhanced allDay recognition with hidden options :ADUT and :AD24

3.3.6 Release date: 28.7.2015

- based on Synthesis Client Engine **3.4.0.79**
- support for all OS versions: **Android V1.5 .. Android M**
- easier identification for **ORACLE** Beehive server
- custom.DeviceID() fix
- server settings: long click info for deviceID and model
- avoid leakage at send_log stream
- delayed tsync session due to GooglePlay license verification timeout
- log menu: show longer title in landscape mode
- improved widget status display
- provisioning extensions (licensetext/code, ...) and correct initialisation
- profile display adaptions
- reduce Log_t() output
- <hasAtt> recognition reintroduced

3.3.9 Release date: 3.8.2015 (for STD and PRO only)

- based on Synthesis Client Engine **3.4.0.80**
- **Informant (WebIS)** recognition adapted:
  (due to a Google ban of their app, WebIS had to rename app and database interface)

3.3.12 Release date: 4.8.2015 (for STD and PRO only)

- based on Synthesis Client Engine **3.4.0.81**
- **Informant (WebIS)** server -> client due date fix

3.4.0 Release date: 15.12.2015

- based on Synthesis Client Engine **3.4.0.82**
- http + https retry display at main screen / logs and widget
- tasks/notes settings with Pocket Informant / WebIS Informant display
- sync modes can be changed now also from the settings menu
- log_details: call_log / SMS in blue for outgoing **(PRO version)**
- log_details: call_log in red for missing calls **(PRO version)**
- **std** widget: lower click goes to the main screen now
- LOCERR_BAD_TIME= 20058 introduced (no sync with bad system time)
- sync mode button with choice for directly going to the ds settings screen
- log/log_details: text width calculation and expanded disp **(PRO version)**
- call log display added (same as for tasks/notes editors) **(PRO version)**
- section indexer and color picker size adjusted correctly now
- notes orientation change: with full width line now **(PRO version)**
- bookmark support for Samsung browsers **(PRO version)**
- call log: rejected calls are handled correctly now **(PRO version)**
- notes/tasks/sms/call_log wildcards show # of selected items now
- several extensions for using dynamic screen width
- Android 5.X: timed sync is only allowed in 5 minutes steps **(PRO version)**
- tasks entry creation: due date (instead of start date)
- internal tasks editor: ordering start ⇔ due changed on display
- internal tasks editor: allday flag will be stored correctly now (alone)
- log_details: more readable green color for sms statistics **(PRO version)**
- temporary license will not get lost any more after some restarting
- some menu icons at the title bar (settings, about, new, delete, search)
- improved alphabetic sort for internal notes **(PRO version)**
- notes edit cut at the correct screen position now
- title size will be set dynamically smaller (if not enough room)
- lost 24h mode (am/pm bug) workaround for Android 5.X Lollipop
- improved settings, log, about menu icons
- ds_bookmarks: no more reject items **(PRO version)**
- LogFeeder: full line separation
- number of processors will be shown at the log file
- don't show potential profile name for Sync LITE / Sync CAL anymore
- new profile with copy: account settings will be copied as well
- consistent selector box adaptions (also smaller for Android 2.X)
- rrule exceptions will be moved automatically when changing calendar
- touch exdates display / corrected item counting for deleted exceptions
- log details: with UNTIL info for reccurence events **(PRO version)**
- reccurence UNTIL year 4501 (from iPhone) is considered as infinite
- :UTFE option for sync servers with incomplete UTF-8 implementation
- new categories can create new calendars now directly
- random color for created calendars (by categories)
- touching calendar name will fill edit fields correctly (again)
- reccurrence weekday calculation corrected
- changing category assignment will not cause sync update anymore

- <noMatchStr> problem solved for calendar name = number
- speedup: do not wait for <fIsDoneD> anymore / <fIsSending> pipeline
- corrected user abort during hanging connection (=> no retries)
- CONX/T and CALX/T license support added / icon extensions
- widget no longer with 1. Retry disp at the beginning
- several provisioning extensions: create accounts / sealed mode
- <daysLeft> change recognition with update checker
- increase InsertBulk block for Android 4.0 and higher
- bad <noMatchIndex> fixed
- attendees enhancements: guestCanModify / organizer adaptions
- missing server username will be alerted now (like missing password)
-

3.4.5 Release date: **12.2.2016**

- based on Synthesis Client Engine **3.4.0.83**
- support for all versions **Android V1.5 .. Android 6.0 (Marshmallow)**
- release real date adaptions, fix for engine



- provisioning for handling create/delete of sealed accounts
- error 20059 (no account) additions
- neutral organizer for hash calculation
- don't count rejected items as changed items
- move specific branding files to their projects
- port 10443 test access removed
- SySync Widget with LimitStr()
- keep enable switch states of settings menu after restart
- provisioning account color adaptions
- provisioning account tsync min/max time limit introduced **(PRO version)**
- settings_account (call from Android settings) adapted (button color, size)
- main menu BlkWidth adaption for error with long text
- :CHGI (hidden option) introduced
- settings_tsync: save changes adapted for tsync off **(PRO version)**
- do not allow colons in acc/cal names anymore
- provisioning support also for **Sync_LITE** and **Sync_CAL**
- empty organizer adaptions, hidden option :ORGA introduced
- delete unused profiles during new installation
- provisioning <prefix> support for <deviceID>
- provisioning can delete all settings files on request
- both_T() is treated as PRO version as well now **(PRO version)**
- call_log SubStr() adaptions (avoid exceptions) **(PRO version)**
- log_detail with (invisible) maxmsgsize= -1 support **(PRO version)**
- group handling adaptions
- some distance lines (settings_ds) adjusted

3.4.6 Release date: 19.2.2016

- based on Synthesis Client Engine **3.4.0.84**
- server settings: <SP> at the end of username ignored
- display GooglePlay icons (again) within app
- set http://www. default for empty url
- problem with deleting provisioning profiles fixed
- provisioning info will not override current settings (if not <upd>)
- **ROLE=OWNER** supported (VCALENDAR 1.0)
- log_details: show all hidden opts (usr + reg) **(PRO version)**

3.4.7 Release date: 29.2.2016

- based on Synthesis Client Engine **3.4.0.85** (license „file=xxx“ extensions)
- account conversion update/read for ORG and ATT
- **ORACLE** filter adaptions [*?] [-] [+] -> server for attendees (if using the Oracle filter flag)

3.4.8 Release date: 5.3.2016

- based on Synthesis Client Engine **3.4.0.86**
- specific Log_t() adaptions, different <ident> for widgets
- case insensivity for username comparisons (ORG/ATT)
- account/calendar default names adapted for provisioning mode
- account creation / deletion with case insensitive name comparison
- long click log mode: show only with/without logs for provisioning
- cleanup for ReadAttendees() and UpdateAttendees()
- internal <account>“:“<calendar> notation for ds_hif system
- provisioning: changing username will reset account name default
- **ORACLE** filter status [*+] added

3.4.9 Release date: 8.3.2016

- based on Synthesis Client Engine **3.4.0.87**
- network timeout set to 5 seconds (still with 2 calls and 2 x 2 retries)
- improved break / abort handling with displayed texts
- **ORACLE** filter status [?] for TENTATIVE attendance added

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3.4.10 Release date: 18.3.2016 (available as beta version only)

- based on Synthesis Client Engine **3.4.0.88**
- multiple birthday/anniversary elimination

- <guestCanModify> no longer active for Android 1.X
- provisioning: with „download_path“
- **com.sysync2** accounts introduced for >=Android 3.0
  (the Android contacts app can create/edit its entries directly now)
- settings_accounts: only account comparison
- contacts hashes will be saved also w/o logging
- beta testing: „check for updates“ displays the correct new version now
- :BETA2 introduced (allows updating of the same app version)

3.4.11 Release date: 11.4.2016

- based on Synthesis Client Engine **3.4.0.90**
- BDAY/TASK calendars created at com.sysync2 account **(PRO version)**
- corrected account type comparisons
- BETA/BETA2 downloads also supported for GooglePlay versions now
- delete calendars: must be com.sysync / com.sysync2 type
- more detailed SSL error display (hostname, CA trust anchor, expired)
- hidden option „ :DCSO“ (duplicate-suppression contacts subsets only)
- alarm time adaption for VCALENDAR 1.0 allDay UTC events
- contact group entries: will be created during UpdateFields() now
- tablets: profile menu size adaptions for profile name and provisioning
- less adb log output for sending (message) log files
- always forces auth-basic with hidden option „ :CTPW“
- always forces auth-md5 with hidden option „ :MD5A“
- serverP_x introduced
- base64 encode/decode adaptions

3.5.0 Release date: 12.7.2016

- based on Synthesis Client Engine **3.4.0.93**
- passwords can be stored now as MD5 hash (hidden option „ :MD5D“)
- passwords can be RSA encrypted (Android>=4.3) using Android KeyStore
  (hidden option „ :RSA“)

  - red: pwd stored as usr:pwd MD5 hash
  - silver: pwd stored RSA encrypted
  - gold: MD5 hash stored RSA encrypted



- forced md5-auth mode: md5 hash will not be exposed anymore w/o nonce
- forced md5-auth mode: requested basic-auth will not contain pwd anymore
- provisioning mode allows to set full <profileflags> and <transpflags> now
- contact group adaptions (especially for account groups)
- global contact groups "vnd.sec.contact.agg.account_name" supported now
- contacts settings: show counters in **red** for accounts with account group
- duplicate suppression of unnamed contacts items (w/o first/last name)
- flush try/catch for send_log: fixes a problem with Android 1.5
- multiPath: <remotePath> extensions for contacts, events and tasks

- server settings display ordering: ignore SSL <-> SyncML version
- specific WiFi block added (hidden option „ :WLAN“) for reconnection
- WiFi decision for logs in specific WiFi networks („ :WLAN“)
- stable deviceID recall in case of „020000000000“ MAC address
- ds_calendar UpdateHash() adaption for <useAtt>
- provisioning support for WiFi ssid/pwd, pwd size<8 error recognition
- foreign profile provisioning supported (again)
- enginemodule/base adaptions
- uiapp with provisioning init() support (interface_prov), with <savVersion>
- first preparations and tests for Android N
- foreign profile provisioning will not change account switches anymore
- sync menu can be called again directly from settings and about menu
- last line (in gray) for log menu

3.5.3 Release date: 15.7.2016

- based on Synthesis Client Engine **3.4.0.94**
- RSA keystore algorithm works now also for Android 6.0 and **Android N**
- deviceID no longer contains (invalid) MAC address for Android >= 6.0
  (will cause a **slow sync the first time** with this V3.5.3 on Android 6.0)
- hidden option „ :XML“ can be activated now also for provisioned profiles

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3.5.6 Release date: 6.8.2016

- based on Synthesis Client Engine **3.4.0.95**
- „md5“ -> „MD5“ text adaption
- multiPath: <remotePath> extensions with quotes or %XX special chars
- call log: list display with <duration> **(PRO version)**
- call log: sort order for <duration> can be selected now **(PRO version)**
- notes / sms / call_log indexer string corrected **(PRO version)**
- contacts account index correction for provisioning (avoid item deletion)
- keep credentials only for copied profile, not for new one
- do not reduce notes item count in case of selection **(PRO version)**
- do not replace profiles anymore with provisioning
- make main screen counters invisible for new (empty) profile

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3.5.10 Release date: 10.9.2016

- based on Synthesis Client Engine **3.4.0.96**
- further tests with **Android N = 7.0** (everything seems to work fine)
- speedup for slow wildcard searching at the notes datastore **(PRO version)**
- bookmarks can't be accessed anymore with Android 6.0 and later
  => stop with error, do not remove items on the server **(PRO version)**
- **LITE** / **CAL** datastore correctly enabled after installation
- corrected alarm adaption for event start time changes on server side

- alarm: corrections for 24 hour events
- main menu: version toggle only on title text (not on tsync icon anymore)
- preparations for last/next sync display at the main menu **(PRO version)**
- tsyncParams class separated internally **(PRO version)**
- datastore counter display improved in case of error
- „Sync incomplete“ improvements for log menu
- several battery level display adaptions **(PRO version)**
- DB_TooManySessions (error=101) added
- <engineStopped> when using a too low Android version at provisioning
- alertbox for too low Android version
- unique provisioning profile names are forced now
- unique profile name handling for create/delete
- automatic calendar creation with com.sysync / com.sysync2 support
- dline compareTo a -> b fix (for SMS log display) **(PRO version)**
- syncml.apk is based on this version

3.5.11 Release date: 16.9.2016

- based on Synthesis Client Engine **3.4.0.97**
- **ORACLE** syncml.apk: no longer profile import from other Synthesis apps
- emulator <useRandom> preparations

3.5.12 Release date: 18.9.2016

- based on Synthesis Client Engine **3.4.0.98**
- avoid recreation of provisioning profile (missing pwd / double profile)

3.5.14 Release date: 1.11.2016

- based on Synthesis Client Engine **3.4.1.0**
- <custom> adaptions (get/set)
- stable deviceID (username) extensions prepared for syncml.apk
- tasks / notes widget name specifically adapted for syncml.apk
- get the correct multipath value of provisioning server path
- main menu registration field: show only 4 hidden options per line
- use contacts FN directly (for dup suppression) due to tel.search.ch problem
- tasks internal editor: account can be changed now for already existing tasks
- tasks internal editor: default group is now the according account group
- tasks internal editor: account change will adapt groups correctly now
- tasks: improved status sorting and duplicate supression
- avoid logging of unchanged battery level percentage
- **sms** duplicate suppression added (<prevStep> mode) **(PRO version)**
- **sms** err=500 (concurrent modification problem) fixed **(PRO version)**
- tasks detail log correction ins / del for changed account **(PRO version)**
- tasks detail log extended with <done> / <cancel> info **(PRO version)**

- tasks sorting display (prio): <done> <=> <cancel>
- tasks/events: reminder correction for allDay events and duration format
- password fields no longer with text suggestions
- IST timezone fix for India Standard Time <=> Ireland Summer Time
- Australian timezone fixed: Brisbane (no DST) <=> Sydney (DST)
- platform_timezones.cpp: check FoundTZ() before name searching
- platform_timezones.cpp: adb logging as I/native now
- contacts datastore with full sealed_1 support (syncml.apk)
- SETFLOATING reminder in case of allDay events/tasks

3.5.17 Release date: 9.11.2016

- based on Synthesis Client Engine **3.4.1.1**
- tasks editor: text changed to „don't create new group"
- tasks: db field <keep_no_groups> added (DB version=35)
- tasks: no account moving in case of updating and no group available
- del account warning no longer for empty accounts/calendars
- del account warning only once and specific for each profile / SpecificDS
- display last/next sync info at the main menu (syncml.apk)
- stable deviceID (username) extensions added for syncml.apk

3.5.18 Release date: 9.11.2016

- identical to V3.5.17, with permanent license for the **ORACLE** EMM store

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3.6.0 Release date: **26.1.2017**

- based on Synthesis Client Engine **3.4.1.2**
- syncml.apk: guests can't modify anymore
- update with deleted RRULE will be written into Android calendar
- avoid GooglePlay LicenseValidator <signedData> NullPointer
- AES-256 encryption of datastore change files (log_details) **(PRO version)**
- statistics file stored also in provisioning mode **(PRO version)**
- log calendar name (xxx:xxx) will be displayed as (xxx) **(PRO version)**
- logcat: new internal modes („-" :ADBN and filename :ADBF) added
- provisioning: fnd & !ins -> close profile correctly
- get encrypted AES key only once per sync session
- default status for attendees w/o status is NEEDS_ACTION now
- provisioning multi_profile preparations
- server settings menu extended with calendar name for provisioning mode
- log_detail is showing muliple deviceIDs now **(PRO version)**
- new empty profile: USR_DEFAULT + attr
- profiles: delete button not shown for n=1 or for initial provisioning profile
- util_time: avoid Nullpointer in case of appContext==null
- main menu sel_sync: don't show off switch for EnabledAlways datastores
- default account/calendar no longer <usr_as_org>
- eqMPS() comparison improvements **(PRO version)**

- server settings - username: hidden options on 2nd line
- main menu status line length restriction
- max. profile name is now 40 characters
- LOCERR_BOOKMARKS introduced for Android 6.0 **(PRO version)**
- checking empty username / password inside server settings menu
- screenshot mode again up-to-date
- current list display can be called from main screen now also for contacts, events, docs and bookmarks **(PRO version)**
- red and blue line added for the NotesFeeder **(PRO version)**
- haParams class added
- „o“ flag added for log_details (oldest first) **(PRO version)**
- „synchroniert“ typo fixed
- Android **vSDK=25** adaptions („Time“ replacement preparations)
- native library info displayed now at the „about“ menu
- „Time“ class encapsulated / ui_app_example -> synthesis_lib_sdk
- „be aware“ dialog when saving server settings with tsync **(PRO version)**
- multi profile provisioning display for calendar **(PRO version)**
- keystore: KeyGenParameterSpec added
- bookmarks call from main menu: with direct links **(PRO version)**
- notes: fast reload device mode introduced („ :FARD“) **(PRO version)**
- events: fast reload device mode introduced („ :FARD“)
- errors 500..514 added as texts
- **multi user mode** supported (**userID** shown at about page)
- text „Automatischer Sync“ -> „AutoSync“
- cur_event is no longer extending util_debug (interface structure)
- suspend/resume adaptions (no longer breaking at Update/Delete)
- <duringSuspend> reporting added

3.6.5 Release date: 20.2.2017



- based on Synthesis Client Engine **3.4.1.3**
- support for all versions **Android V1.5 .. Android 7.0 (Nougat)**
- fast reload device („ :FARD“): differentiate suspend/delete
- FARD: a.iID attendee problem fixed / counter adaptions
- FARD for kReloadDev() or lReloadDev()
- lite gray color for time of invisible calendar events **(PRO version)**
- log_details RR exc ordering is now sBEG ascending) **(PRO version)**
- haParams cleanup (eliminate duplicate vars)
- NotesFeeder with 2nd line (end) and 3rd line (ORG/UNT) **(PRO version)**
- NotesFeeder **red** / **blue** line corrections **(PRO version)**
- NotesFeeder enhancements for calendar: ins/upd/del disp **(PRO version)**
- sync_reporting with Upd() for ReportTot()
- Android 7.0 fix for contacts: use RAW projection (ACC_PROJ)
- NotesFeeder: white -> transparent (for bookmarks sel) **(PRO version)**
- independent <vHd> for events and NotesFeeder **(PRO version)**
- RR exc events TouchTitle() improved with updated hash
- PARSEEMAILSPEC workaround for unquoted/unescaped attendees
- provisioning recovery of invisible accounts / calendars
- provisioning extension for already configured datastores

- several adaptions for ongoing Android 1.5 support

3.6.6 Release date: 20.2.2017 (**ORACLE**)

- identical to V3.6.5, with permanent license for the **ORACLE** EMM store

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3.6.8 Release date: 23.6.2017 (**ORACLE**)

- „doze“ typo fixed

3.6.9 Release date: 23.6.2017 (**ORACLE**)

- identical to V3.6.8, with permanent license for the **ORACLE** EMM store

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3.6.10 Release date: 30.6.2017 (**ORACLE**)

- default sync mode for calendar is now „update device“

3.6.11 Release date: 30.6.2017 (**ORACLE**)

- identical to V3.6.10, with permanent license for the **ORACLE** EMM store

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3.7.0 Release date: 25.4.2017

- based on Synthesis Client Engine **3.4.1.5**
- NotesFeeder (other) right padding added **(PRO version)**
- NotesFeeder (other) red color for delZ / sorting improved **(PRO version)**
- NotesFeeder (other) <iVis> don’t count deleted elements **(PRO version)**
- NotesFeeder (other) LTGRAY month separator fixed **(PRO version)**
- avoid Android 1.5 account <type> / NowAlarm nulll problem
- get_elem() common <aID> problem fixed (RRULE with exceptions)
- more contrast for (searching) looking glass icon on white background
- bugfix for bookmarks w/o wildcard choice **(PRO version)**
- „doze“ typo fixed
- call_log ds / call_log settings: filtered entries added **(PRO version)**
- NotesFeeder (other) LTGRAY for masked accounts/cals **(PRO version)**
- NotesFeeder (other) with EscIn(SP) **(PRO version)**
- further :FARD improvements, speedup for cr_event (ENG)
- syn/vis switches for contact accounts and event calendars 
- color support for contact accounts
- contacts duplicate suppression improved (chg / phone numbers with SP / -)
- NotesFeeder (contacts) with multiple phone number disp **(PRO version)**
- NotesFeeder: bookmarks can use the full display width **(PRO version)**
- logs: max number of log entries with „t“ support, red line for changed date
- „WET“ timezone problem fixed for VCALENDAR 1.0
- fill in <organizer> db field for new calendar app / FixOrganizer() added
- scaled font adaptions (corrected screens with large font setting)

- call_log: problem fixed with not found update entry **(PRO version)**
- color picker is taking the already defined color as default
- <custom.textDensity> visible now at the log file
- internal tasks: real semaphore introduced, avoid duplicate item display

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3.7.4 Release date: 24.7.2017

- based on Synthesis Client Engine **3.4.1.6**
- fix for starting app via widget (settings_tsync) **(PRO version)**
- NotesFeeder (other) „DEL“ display for events **(PRO version)**
- NotesFeeder (other) increaed display width **(PRO version)**
- NotesFeeder (other) \n -> <SP> adaption **(PRO version)**
- log_details: MAX blk width extended 80 -> 220 **(PRO version)**
- HIF_elem symmetric sorting (compareTo_h)
- „About“ alertbox for Docu Download can display existing pdf file directly
- docu version file is searched locally (at server’s version directory) first
- log_details title adaption for large fonts **(PRO version)**
- log_details text size adaptions, downsize only statistics **(PRO version)**
- **bookmarks** no longer supported with Android 7.0 and later **(PRO version)**
- avoid duringSpinner crashes at app start
- origTime DATE adaptions and <allDay> propagation
- calendar: don’t store location info in case of deleted recurrence exceptions
- <oracleStatus> info and SaveHIF file contents added to the log file
- hidden.DSLI (don’t store log info) added
- correct text width calculation (rounding up), less reserve used
- correct width for main title text with large font display
- LogFeeder day separation: black (instead of red) line **(PRO version)**
- last/next not „now“ during init/special
- no more registration hidden options for GooglePlay
- NotesFeeder no longer changing to red after timed sync **(PRO version)**
- updated license validity display at GooglePlay apps start
- LogFeeder: „t“ adaptions (new_lCnt) **(PRO version)**
- provisioning default sync mode setup adaptions
- corrupted fotos no longer cause a reject, simply do not override existing
- contacts flags/label adapptions: flags are now always stronger than labels
- ToCC() with <ok.flag> recognition: avoid multiple writing
- zap warnings: create named lists of affected datastores
- zap warnings: texts en/de/fr adapted accordingly
- suppress zap warnings for empty calendar, addressbook and notes
- X-ANNIVERSARY supports 3 entries now
- large photo size improvements

3.8.0 Release date: 15.11.2017



- based on Synthesis Client Engine **3.4.1.8**
- support for extended license range > 2021-03
- localengineds: license duration is now uInt16

- uInt64 adaptions for engine plugins
- support for all versions **Android V1.5 .. Android 8.0** **(Oreo)**
- settings_ds: ask for saving changes before creating/deleting an account
- „about“ menu: vSDK=xx display added
- ds_calendar: geo ⇔ location additions
- release date also added to logfile
- further flags/label combination adaptions
- invisible option „ :LOGE“ introduced (log to email)
- invisible option „ :NDCO“ introduced (no duplicate suppress for contacts)
- license productFlags/licenseType info at logfile now
- AndroidStudio adaptions: direct SDK_util.* imports / package renamings
- AndroidStudio adaptions: rsc compliance / UTF-8
- avoid UpdateDevice fallback to NormalSync after error
- avoid forced device SlowSync mode change after error
- cleanup of AndroidManifest.xml at the libraries (StartupIntentReceiver)
- SMS update ok now for timed sync, if app is SMS owner **(PRO version)**
- several log_detail enhancements **(PRO version)**
- log_detail „t“ can open/close one line **(PRO version)**
- log_detail „a“ and „c“ mode added **(PRO version)**
- datastore slow / reload / update icon overlays added
- event icon „24“ displayed white for reload / update device
- avoid UpdateWidget <rv> NullPointer
- „<unknown_ssid>“ recognition introduced
- „about“ copyright with starting year
- log_detail: avoid <size> conversion for phone numbers **(PRO version)**
- <fAbort> recognition for user abort cascade
-



3.9.0 Release date: **5.2.2018** (available as beta version only)

- based on Synthesis Client Engine **3.4.1.11**
- SDK engine/interface version changed to **V2.2.0**
- globallogs support added, including blocks (hidden option :LOGG)
- engine DebugBlock_O calls with <opened> param
- ACCESS_FINE_LOCATION no longer needed for sync_cal / syncml.apk
- SMS: owner alertbox back only if changed during session **(PRO version)**
- AndroidStudio: more lint/inspection adaptions
- AndroidManifest.xml cleanup
- SDK_lang: eliminate SuppressLint(), as it can’t be used in plain JAVA env
- syncmode arrows will be painted b/w in case of b/w mode
- getFilesDir() support for non-accessible /data/data directory
- V_ONEWAY support for **ORACLE** provisioning

4.0.2 Release date: 10.4.2018

- based on Synthesis Client Engine **3.4.1.12**
- **4.0.0** (minApi3) supporting **Android V1.5 .. (V3.2)**
- **4.0.2** (minApi14) supporting **Android V4.0 .. V8.1 (Oreo)**
- additional (64 bit) native libraries available now: **arm64-v8a / x64_64**
- show 32/64 bit information in log file (from native level)
- engine supports now ReadNextItem/asKey() <aFirst> flag correctly
- Android Studio **compileSdkVersion = 27**
- using the updated vending/licensing package for GooglePlay
- Notification: HelperInternal added for Android 1.X
- Notification: compatibility support (< Android 4.4) added
- downloader (documents / apks) extended for **vSDK=27**
- FileProvider extensions at AndroidManifext.xml
- avoid capital letters at buttons: setTransformationMethod(null)
- permission checker / alert boxes added
- use Environment.getExternalStorageDirectory() for /sdcard
- "-" (Minus) sign at icons for datastores w/o access permissions
- settings blocked for datastores w/o access permissions



- SpecificDS() shows local datastore error separately
- some http/local error texts adapted
- storage permission checker for download and log file creation added
- problem with too small tsync icons fixed **(PRO version)**
- ask for refresh in case of new accounts / calendars not yet ready
- **productFlavors** minApi3 / minApi14 added
- interface_support_v4 introduced: handles both flavors with same sources
- supported account types are now: com.sysync(2) and com.<pkgname>(2)
- existing accounts accepted for both types / provisioning system adapted
- new version downloading now correctly accesses –minApi14.apk
- productFlavor information will be shown at about menu
- permission.REQUEST_INSTALL_PACKES added
- apk14 extensions (can ask for minApi14 version directly from now on
- IntentCall() adaptions for all widgets
- account_preferences.xml access bug fixed for syncml.apk
- Android 6.0++: ask for contacts/events/storage permission after installation
- IntentCall() adaption for alarm_receiver **(PRO version)**
- Android 4.3++ using RSA mode now always for credential storage
- permission.BIND_JOB_SERVICE added (for JobScheduler)
- **widgets** located in the package workspace now (for GooglePlay versions)
- about menu: no black margin around www.synthesis.ch URL
- main screen: registration block info with larger height
- registration screen: edit field width adaptions (always show delete button)
- <setup.alarmUp> introduced **(PRO version)**
- timed sync starts with oCreate() or onStartCommand() **(PRO version)**
- timed sync text „wifi or 3g" changed to „wifi or mobile" **(PRO version)**
- account groups will be automatically created now for contacts/tasks
- WGoUp call (WiFi) improved for manual and auto sync
- **widget** size adaptions according to Google guidelines (**4x1** and **1x1** size)
- tasks selection display and widget count with 2 separate buttons
- CreateAccount with com.sysync dependencies
- last/next sync time immediately saved at vars file

- contacts/tasks: „internal“ account group correctly created now
- LOCERR_NO_ITEMS for all datastores introduced
- Pocket Informant: „completed“ handled correctly now
- Alex Baker’s Tasks: reactivated and adapted for the latest Tasks version
- Internal Tasks: 0 /100 percent => NEEDS_ACTION / COMPLETED
- Internal Tasks: button display enhancements
- log flags: “b“ for showing battery percentage info

4.1.2 Release date: 27.9.2018



- based on Synthesis Client Engine **3.4.1.14**
- **4.1.0** (minApi3) supporting **Android V1.5 .. (V3.2)**
- **4.1.2** (minApi14) supporting **Android V4.0 .. V9.0 (Pie)**
- <no title> adaption for notes_other lists **(PRO version)**
- sms_receiver added for all targets (for Server Alerted Notification : SAN)
- **Pushalerter**: android.permission.RECEIVE_SMS added for all targets
- <pSync> support implemented / purple log bars for pushed syncs
- Log_t() will be connected right at the beginning now



- **Pushalerter** phone filter settings added at the server’s settings menu
- **Pushalerter** phone filter only visible if SMS permission is given to the app
- hidden.CONF added (for external config file support)
- check <later> for alarm_receiver fallthrough **(PRO version)**
- downloaded apk file will be deleted after installation
- syncml.apk icon slightly adapted (2 red bars added)
- SAN integration for syncing specific datastores only / digestOK check
- text width adaption for last/next sync time
- PushMatch filter for sms (**Pushalerter** SMS are no longer within sync set)
- **ObserverSync** system added (for con, cal, tsk, sms, notes)



- **ObserverSync** register depending on STD / PRO
- **ObserverSync** with ds classes (supporting older Android versions)
- blinking mode extended for **Pushalerter** and **ObserverSync**
- **Pushalerter**: multiple nonce support / <keep_nonces> adaptions
- **ObserverSync** can be enabled/disabled at the server settings menu now
- contacts: intPhoneBook will be assigned only once (avoid observer sync)
- semaphore introduced for SDK_rw
- display last/next sync can be enabled/disabled at the server settings menu
- **ObserverSync** small icons introduced
- hidden :TLOG / :MLOG added (for STD log)
- log display: tsync icon is smaller now **(PRO version)**
- tasks / notes widget will not disappear when app stops **(PRO version)**
- restricted calendar sync mode prepared (:ESDO)
- **ObserverSync**: unregister / register to other tasks / notes datastores
- **ObserverSync**: VV_Icon adaption for log menu
- **ObserverSync**: preparation icon introduced



- <during> support
- **Pushalerter**: PSync() will be converted to TSync(), if it is time for it
- **Pushalerter**: PushMatch supports multi phone numbers
- 205dip adaptions for settings menu (server settings and timed sync)
- **Pushalerter**: avoid concurrency crashes

- adaptions for correct (multiple) widget updates / avoid update series
- lPath S.LPA extions for full support of :ADBF :ADBN :ADBB
- Color_XXX adaptions: no longer different red colors
- several timed sync adaptions **(PRO version)**
- notes_both: NullPointer problem fixed **(PRO version)**
- **Sync_CAL** adaptions (next sync time / no tsync_detail / <alarmUp>)
- <manual> is now stronger than <tsync> **(PRO version)**
- events: duplicate suppression for same subject with different start time
- targ/clg.bfi correcting <blowup> for changing 32 ⇔ 64 bit engine
- san_message: check specific datastores for recent changes (chkNext)
- cc_contacts with manually assigned server field offsets (for chkNext)
- chkNext also recognizes deleted items now (N_Deleted / N_Changes)
- ds_calendar with corrected virtual method StartR()
- chkNext for ds_notes, oi_notes, tasks, sms and call_log as well
- <lastToken> adaption for chkNext tasks / notes **(PRO_version)**
- <from_obsv> extension (for sms and call_log) **(PRO_version)**
- events: (user defined) organizer issues fixed, " :ORGA" for len==0

4.1.3 Release date: 2.10.2018

- still based on Synthesis Client Engine **3.4.1.14**
- **4.1.1** (minApi3) supporting **Android V1.5 .. (V3.2)**
- **4.1.3** (minApi14) supporting **Android V4.0 .. V9.0**
- minor bugfix for armeabi blowup <down> mode, switching off all datastores during first initialisation after update

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4.1.6 Release date: 10.11.2018 (**ORACLE**)

- specific version for the **ORACLE** EMM store
- still based on Synthesis Client Engine **3.4.1.14**
- AndroidManifest.xml: android:allowBackup=„false"
- sending logs by email: getUriForFile() problem fixed
- GooglePlay license checker in main thread: avoid sleeping
- switch off notification again after use

4.1.8 Release date: **4.2.2019** (**ORACLE**)

- specific version for the **ORACLE** EMM store
- still based on Synthesis Client Engine **3.4.1.14**
- hidden option :NRSA added (for bypassing keystore ops)
- Android 9.0 adaptions for Cipher RSA keystore access

4.1.9 Release date: 6.2.2019 (**ORACLE**)

- with permanent license for the **ORACLE** EMM store
- still based on Synthesis Client Engine **3.4.1.14**
- with support for com.syncml.oracle.dev / .stage / .prod
- fix for version number of sub packages
- sub package display at "About" menu
- full tsync logging also for com.syncml

4.1.12 Release date: 5.3.2019 (**ORACLE**)

- with permanent license for the **ORACLE** EMM store
- still based on Synthesis Client Engine **3.4.1.14**
- ignoreBatteryOptimizations: instead of doze question and with new switch

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4.2.2 Release date: 18.12.2018

- based on Synthesis Client Engine **3.4.1.15**
- **4.2.0** (minApi3) supporting **Android V1.5 .. (V3.2)**, not at **GooglePlay**
- **4.2.2** (minApi14) supporting **Android V4.0 .. V9.0**
- Android Studio V3.2.1 / Gradle 4.6 / **compileSdkVersion = 28**
- AndroidManifest.xml: android:allowBackup=„false"
- sending logs by email: getUriForFile() problem fixed
- GooglePlay license checker in main thread: avoid sleeping
- switch off notification again after use **(PRO version)**
- push filter switch added at SMS settings **(PRO version)**
- log_next … visibility no longer dependent on Beehive URL
- additional logcat info for session log info (unknown ssid) " : LOGW"
- floating alarm conversion for allDay reminder fixes
- Google Firebase integration
- several lint warning adaptions
- AES cipher ("BC") adaption for Android 9
- **GooglePlay** permissions SMS/CALL_LOG eliminated (due to new policy)
- New error 20067 (Google does not allow access anymore) introduced
- Fix for OINotes finish problem **(PRO version)**

4.3.2 Release date: **17.1.2019**

- based on Synthesis Client Engine **3.4.1.16**
- **4.3.0** (minApi3) supporting **Android V1.5 .. (V3.2)**, not at **GooglePlay**
- **4.3.2** (minApi14) supporting **Android V4.0 .. V9.0**
- multiDexEnabled= true (avoid app crashes on start at Android 9.0)
- used-library org.apache.http.legacy added for **vSDK=28**, Android 9.0)
- usesClearTextTraffic="true" (allows http AND https for Android 9.0)
- catch NullPointer exception at Google's LicenseValidator sources

4.4.2 Release date: 4.2.2019

- based on Synthesis Client Engine **3.4.1.17**
- **4.4.0** (minApi3) supporting **Android V1.5 .. (V3.2)**, not at **GooglePlay**
- **4.4.2** (minApi14) supporting **Android V4.0 .. V9.0**
- hidden option :NRSA added (for bypassing keystore ops)
- Android 9.0 adaptions for Cipher RSA keystore access
- Android 9.0 datastore/tsync icon scaling adaptions

4.5.2 Release date: 23.4.2019 (available as beta version only)

- based on Synthesis Client Engine **3.4.1.18**
- **4.5.0** (minApi3) supporting **Android V1.5 .. (V3.2)**, not at **GooglePlay**
- **4.5.2** (minApi14) supporting **Android V4.0 .. V9.0**
- sub package support implemented as in V4.1.9
- full tsync logging also for com.syncml
- appConfig (restrictions) additions: serverURL, serverUsr, ESDO
- appConfig adapted fields will be shown readonly in blue
- ignoreBatteryOptimizations: instead of doze question and with new switch
- battOpt permission and switch no longer available for LITE / STD
- “optimization” text correction
- size adjustment for initModel()
- ignore too early timed syncs **(PRO version)**
- go PRO problem fixed (get the correct apk file again)
- tsync startIt() adaptions **(PRO version)**
- session reporting: some more params inside block section
- <during> adaptions
- cc_contacts: check permission fix
- gradle/firebase/multiplex/google-services/support-v4: use latest versions
- block menus during sync (with toast display)
- block sync during settings/about/profiles
- text size for sync version (server settings) corrected (to fit again on 1 line)

4.5.12 Release date: 16.7.2019 (**ORACLE**)

- specific version for the **ORACLE** EMM store
- based on Synthesis Client Engine **3.4.1.19**
- **4.5.12** (minApi14) supporting **Android V4.3 ..V9.0**
- menu blocker (with toast display) for registration menu as well
- invalidate <settings_srv_fA> on destroy to cancel delayed sync
- minor util_custom adaptions
- disable firebase-perf due to compatibility conflicts
- is24HourFormat() fix -> within try/catch
- appConfig title / description added
- account creation fix (even for “disallow modify accounts”)
- ask_settings_srv: check restriction too
- noBattOpt(), if set already
- cc_contacts: account creation with getResult() try/catch

- avoid ESDO exception (as string)
- do not compare <kMode> with esdo restriction
- use addAccountExplicitly for userID>0 (avoid alertbox)
- screenshot adaptions (bookmarks exception / syncml.apk)
- download extended for sub path packages
- avoid permission check calls during sync session (mainly done by "bw")

4.5.13 Release date: 7.8.2019

- still based on Synthesis Client Engine **3.4.1.19**
- **4.5.11** (minApi3) supporting **Android V1.5 .. (V3.2)**, not at **GooglePlay**
- **4.5.13** (minApi14) supporting **Android V4.0 .. V9.0**
- Notes can be sorted (asc/desc) by modification date. **(PRO version)**
- <sortMode> is now datastore specific **(PRO version)**
- Additional permissions for serial / wifi (required for Android 9)
- dot mode for <sortMode> introduced
- the temporary license requires now the real serial number for Android 9
- use Secure.ANDROID_ID, if all others are unavailable
- Widget adaptions for Android 9 (no freezing anymore)
- S.NSB write and save (Notes <sortMode>) **(PRO version)**
- getSerial() moved to lib_sdk14

4.5.16 Release date: 8.9.2019 **(for Sync_CAL only)**

- based on Synthesis Client Engine **3.4.1.20**
- **4.5.16** (minApi14) supporting **Android V4.0 .. V9.0**
- "unavailable" fix for GooglePlay versions
- TAG_cl / RSArray implementations added
- **Sync_CAL** permissions problem fixed for Android 9

4.5.22 Release date: 22.10.2019

- still based on Synthesis Client Engine **3.4.1.20**
- **4.5.20** (minApi3) supporting **Android V1.5 .. (V3.2)**, not at **GooglePlay**
- **4.5.22** (minApi14) supporting **Android V4.0 .. V10 (Q)**
- **compileSdkVersion = 29** / buildToolsVersion 29.0.2 now
- cc_contacts: EndW NullPointer check
- try/catch sequences for SDK_lang / util_custom methods
- hidden option " :REGI" added for GooglePlay apps license
- feedback Execute() enhanced
- NotesFeeder: display contacts + allday events in **bold** now **(PRO version)**
- avoid concurrent call crashes
- **Dark Theme / Dark Mode** support for Android 10 added

4.6.2 Release date: **15.4.2020**

- based on Synthesis Client Engine **3.4.1.21**
- **4.6.0** (minApi3) supporting **Android V1.5 .. (V3.2)**, not at **GooglePlay**
- **4.6.2** (minApi14) supporting **Android V4.0 .. V10**
- tasks priority display with optimized contrast for **Dark Theme**
- small tsync item w/o white margin at **Dark Theme** **(PRO version)**
- main **widget** displayed in black with **Dark Theme**
- synthesis_pro / syncml icon w/o white background
- geo adaptions: reduce to one coordinate pair (the one with better resolution)
- session after pushalerter will create log file correctly now
- contacts permission must be provided for calendar creation (dialog added)
- RoleManager code added for Android 10 for getting Default SMS role (unfortunately it can't be changed back to former Default SMS app)
- creating log files is supported now with Android 10
- Notes: random decision for same hash dup suppression. **(PRO version)**
- no observing during tasks/notes edit, do it at the end
- asPwd() access check for dictionary
- session reporting adaptions / try/catch for downloader
- requestLegacyExternalStorage="true" (for Android 10 access)
- adaptions for internal account access (eliminate <intPhoneBook>)
- getDensity problem (bw) fixed for Android > 2.0 (mainly for Android 9)
- spinner adaptions for loading datastore contents, use <during.spinner>
- if empty calendar, force slowsync or reload device

4.7.2 Release date: **13.10.2021**



- based on Synthesis Client Engine **3.4.1.22**
- supporting **Android V4.0 .. V11 (Red Velvet Cake)**
- use <during.spinRun> (allow earlier JAVA version also)
- **compileSdkVersion = 30** / buildToolsVersion '30.0.3'
- Android Studio update to 4.1.3
- eliminate several Android Studio inspection warnings
- getDisplay / getMetrics adapted for Android R
- call log adaption for newly added/changed contact names **(PRO version)**
- Looper.getMainLooper() adaption
- AsyncTask (deprecated) -> BackgroundTask
- wrapper Log_t_BEGIN/END
- HttpError() corrected (impossible range condition)
- speedup calendar sync: read attQ at once
- unchanged pushalerter filter for sms sync
- requestLegacyExternalStorage flag eliminated (except for synthesis_pro)
- ACCESS_MEDIA_LOCATION permission added
- ds_bookmarks: slightly clean up
- ds_docs sync switched off for Android >= 9.0 (due to new restrictions)
- contacts/events upload warning dialog added (due to Google intervention)
- server URL or profile change will reactivate accepted upload
- error 401 will be returned in case the upload is denied
- last alarm minute tsync condition fixed (no longer 0) **(PRO version)**

4.8.2 Release date: 8.12.2021



- based on Synthesis Client Engine **3.4.1.23**
- supporting **Android V4.0 .. V12 (Snow Cone)**
- **compileSdkVersion = 31** / buildToolsVersion ’31.0.0’
- Android Studio Arctic Fox / 2020.3.1 Patch 3
- v4.putExtraInitialUri(): make it compatible for vSDK=3 Eclipse
- formatted=”false”: “ “ “ “ “ “
- recognize bad keystore “null” (Memotoo tests)
- PrivacyPolicy can be displayed, must now be accepted or denied
- http server URL is no longer allowed, must be https / alertbox introduced
- special handling for URI_DEFAULT
- different errors for policy (20100) / no url (20101) / http (20102) / cc
- alertboxes can’t be canceled anymore
- hidden option “ :HTTP” added

4.9.2 Release date: 16.12.2021

- based on Synthesis Client Engine **3.4.1.24**
- getDisplay (NullPointer) for **Android 11+12** solved
- provider permissions disabled for synthesis/synthesis_pro
- PendingIntent.FLAG_IMMUTABLE adaption for Android 12

5.0.2 Release date: **17.1.2022** (for Sync_LITE, Sync_STD and Sync_PRO only)

- based on Synthesis Client Engine **3.4.1.25**
- due to Google’s suspect on policy violation
- base_choice: fix problem with length=0 (tasks)
- changed alert box text for contacts/events sync confirm

5.1.2 Release date: 3.8.2022

- based on Synthesis Client Engine **3.4.1.26**
- supporting **Android V4.0 .. V12.1 (Snow Cone v2)**
- **compileSdkVersion = 32** / buildToolsVersion ’32.1.0-rc1’
- gradle update 7.0.4 / 4.3.10
- ChipMunk 2021.2.1 Patch 1 update
- http allowed again for non-GooglePlay versions
- PushAlerter now works via ObserverSync of SMS (non-GooglePlay only)
- android.permission-group.MESSAGES removed from AndroidManifest
- use private static class ChkOneAll for notes (avoid crash) **(PRO version)**
- ACCESS_BACKGROUND_LOCATION for WiFi name (non-GooglePlay only)
- ObserverSync: no longer with unregister()
- Save_LCC() allowed with hidden “ :WLLC”

- allow the same account name now for different types
- log: 2-step request for background location permissions
- Observer(Job)Service added for ObserverSync
- PushAlerter only possible on phones (with SMS)
- psync is also showing the ds icon at log, if only one ds has been changed
- MY_ PACKAGE_REPLACED filter added
- MANAGE_EXTERNAL_STORAGE for non-GooglePlay apps (del download)
- allow opening of sub menus during ObserverSync check
- no corrupted tsync files anymore in case of push/obsv -> tsync change
- tasks display: choice for newest and oldest entries
- permission adaptions for ObserverService/MyClickSync
- show <userID> at log (ParansPkg)
- **OI Notepad** and **Informant** are visible now for Android 11 and newer
- no observing during sync
- if WiFi name in log should be displayed, location permission must be granted (all time). If not granted, <unknown_ssid> will be shown.
- if downloaded .apk file of an update should be removed after installation, access permission to all files must be granted (not only to media files). This is only possible for non-GooglePlay apps.
- minor layout adaptions due to InspectCode
- screenshot mode adaptions (Spinner conflict / text sizes / ChangeLocale / groups / https://www.your_server_url.com / subdir at “Download” now)

5.2.2 Release date: 10.10.2022 (for **GooglePlay** versions only)

- based on Synthesis Client Engine **3.4.1.27**
- eliminate android.permission.REQUEST_INSTALL_PACKAGES

5.3.2 Release date: **7.3.2023**

- based on Synthesis Client Engine **3.4.1.28**
- permission.FOREGROUND_SERVICE added for STD/PRO
- runAsForeground added for **ObserverJobService**
- transparent observer icon “go_sync2” for header bar
- inactive tsync mode: will cancel service now (**CAL/PRO version**)
- server settings: **Observer** call start/cancel at save
- Log_t() with suffix (x)[:y] (user 150 / L C P S)
- restart **ObserverCall** directly at onStopJob
- reduced logging for **Observer calls**
- small icon bug at log menu fixed (make a copy now for smaller icons)
- during.oprp only for a real test sequence
- Save_LLC: status saved persistently now
- san_message: no logging for <hasElems>
- SySyncWidget: with reduced logging
- IgnoreBatteryOptimizations also for the STD versions

- battery optimization user interaction for switched on obsv / push / tsync
- contacts/events log display <UPD> <INS> only for acc/cal in use
- event date range: interpret empty field and negative numbers as disabled
- events: hash change problem fixed
- hidden option " :NTRR" added (no tasks rrule)
- tasks settings: date range switch added (similar to events)
- client_config.xml: alarm and date range extensions for tasks
- client_config.xml: ORIGSTART adaptions for tasks
- client_config.xml: EXDATES time zone adaptions
- tasks visibility adaptions
- tasks: modify base rrule with any exception changes
- tasks: do not use exceptions of other accounts
- tasks: several time zone adaptions
- rrule: eliminate redundant INTERVAL=1 for comparison (INTERVAL=10 / 11 / … no longer affected)
- alarm time is now relative to DSTART (if valid)
- Time/DatePicker improved (for cancel and DUE shift)
- Time/DatePicker also works for older Android versions now
- update display if rrule will be switched off
- paddingStart problem with notes/tasks widget solved
- delete tasks rrule: exceptions will be removed as well
- no more widget logging before starting the app
- addNetwork() does not work anymore for vSDK >= 31 (S) => ignore
- TaskFeeder shows foreign time zones now
- TaskFeeder title <-> title/text: save param persistently now
- tasks editor: no more <time> deletion with onBackPressed
- tasks editor: larger "Exception" field
- client_config.xml: tasks: rrule UNTIL is always UTC now (with Z)
- client_config.xml: MAKEALLDAY adaptions for VCALENDAR 1.0
- tasks: new entry for current day now: 00:00 – 23:59
- tasks: exdates will be reconstructed correctly, also with VCALENDAR 1.0
- app downloader: 4 retries in case of problems
- tasks: several date range visibility adaptions
- tasks: maximum date range for RR events is now -/+ 365 days
- tasks: grayed out mode for invisible RR events
- tasks: RR events with all exceptions can now be moved to another account
- A-Z sort: title/time/text (instead of text/time)
- hidden option " :TACA" added (tasks at calendar alarm display)
- several tasks => calendar improvements
- alarm offs_ms with HALFDAY support
- "no <isp>" finish warning eliminated
- TasksFeeder: bold title for <inUse>
- tasks with rrule: do not display entries with times after UNTIL
- contact hash problem: do not store <cID> for <asGroups>
- contacts list display: R.string.no_title only w/o organisation
- birthday calendar: title without "birthday" now, no longer with address
- birthday calendar: year of birth added / if not available: use current year
- birthday calendar: with effective year, no longer starting with 1996.
- multi_profile sync main switch individually for each profile **(PRO version)**
- reload server/device: no fallback when answering with "no"

5.4.2 Release date: 10.8.2023



- based on Synthesis Client Engine **3.4.1.29**
- supporting **Android V4.0 .. V13 (TiramiSu)**
- **compileSdkVersion = 33** / buildToolsVersion '33.0.2'
- gradle update 7.2.1 / 4.3.15
- multi profile sync: do it only if datastore at profile enabled **(PRO version)**
- multi profile sync: do checks at san.chkNext() **(PRO version)**
- full access to external storage for non-playstore apps
- non-playstore apps will also delete GooglePlay apk
- multi_profile sync: will not store intermediate profile nrs **(PRO version)**
- <unknown_ssid> will be shown as <WiFi> now
- multi_profile sync: mps=X at tsync history, remove <mcl> **(PRO version)**
- WiFi <goUp> only for timed sync **(PRO version)**
- profile change: confirmation only if the server url will be changed
- don't call CalcAlarm(), use NXA_Read() instead **(PRO version)**
- alarm_receiver improved **(PRO version)**
- **SAN**: don't check changes with pushalerter **(PRO version)**
- **SAN**: ignore "+" at phone number comparison **(PRO version)**
- permission.FOREGROUND_SERVICE_DATA_SYNC added
- invert IsSySync() sense for call_log observer **(PRO version)**
- do not activate birthday calendar update for **ObserverCall**
- contacts sync: no <doCatch> for **ObserverCall**: (recognize changes)
- <useAltDeviceID> is true for newly created profiles
- **SAN**: don't use push filter anymore, only recognize binary SMS (PushBin)

5.5.2 Release date: 18.12.2023



- based on Synthesis Client Engine **3.4.1.30**
- supporting **Android V4.0 .. V14 (Upside Down Cake)**
- **compileSdkVersion = 34** / buildToolsVersion '34.0.0'
- gradle update 8.1.1 / 4.4.0
- AndroidManifest.xml: comment out package identifier
- build.gradle: delete apk files to avoid linker error
- GooglePlay license test adaptions (" :IVGP")
- **Pushalerter**: filter «X» workaround, avoid switching off
- no app closing anymore with vSDK=34
- step-by-step deletion of IntAcc (null,null) entries
- no color picker item / large photos / disp 1 account also **(LITE version)**
- " :REGI" disp license adapted **(LITE version)**
- contact accounts with correct color
- no runAsForeground() anymore for **ObserverSync** vSDK>=34
- avoid multiple **ObserverSync** calls with timeOK() check
- profile=0 converted to 1 (avoid display all as "update")
- <denied_last> eliminated, avoid missing denied display
- ask_policy/ask_cc_warn: save status permanently

- onCreate_denied() / onResume_denied() introduced
- 2-liner for temporary license request call text
- all file access question (for non GooglePlay versions) at the beginning
- server settings missing request: only show url, usr and pwd
- account creation: with BadPerm_acc() call

5.6.2 Release date: **18.1.2024**

- based on Synthesis Client Engine **3.4.1.31**
- reduce **ObserverSync** logging
- " :BETA " can also download now apps with the same version
- eliminate usage of FOREGROUND_SERVICE **(STD/PRO version)**

5.7.2 Release date: 23.4.2024

- based on Synthesis Client Engine **3.4.1.32**
- FOREGROUND_SERVICE reactivated for non-GooglePlay versions
- internal account adaptions for Samsung devices
- internal account: NCount() adaptions for contacts and tasks
- no NAME/no ORG only if at least one other element
- log: title display with version **and release date** **(PRO version)**
- duplicate suppression: <fFN> adapted
- contacts search extended for phone numbers **(PRO version)**
- phone number formatting for contacts access and logs **(PRO version)**
- san_message: foreground adaptions
- use newly introduced TSyncJobService **(CAL/PRO version)**
- **ObserverSync** adaptions / more logging
- **ObserverSync** <stillLast> with san_message.ds_list (to resolve it later)

5.8.2 Release date: **8.7.2025**



- based on Synthesis Client Engine **3.4.1.33**
- supporting **Android V4.0 .. V15 (Vanilla Ice Cream)**
- **compileSdkVersion = 35** / buildToolsVersion '35.0.0'
- gradle update 8.1.4 / 4.4.2
- avoid timed sync for switched off status **(CAL/PRO version)**
- remove some menu blockers
- about.xml: width of buttons is now a bit larger
- settings: text shortened for non visible datastores
- battery update no longer done due to foreign view problem **(PRO version)**
- alarm_receiver more often for interval>30 min + obsv/push **(PRO version)**
- profiles menu layout: text width slightly larger

- double entries of different cals will be displayed in blue **(PRO version)**
- no longer stop TSync with TSyncJobService **(CAL/PRO version)**
- don't show SMS phone number + name if number is a name and the same
- avoid NullPointer for AdaptColors()
- MultiProfile adaptions for SySync widget
- **ObserverPrep** text added (during check of observer data)
- alarm_receiver: no check for tsync details **(CAL/PRO version)**
- **EdgeToEdge vSDK=35 adaptions** for all menus
- more display width for some buttons
- dark mode adaption for indexer texts
- **Pushalerter** does not check digest with multi profile **(PRO version)**

6.0.2 Release date: 3.11.2025



- based on Synthesis Client Engine **3.4.1.34**
- supporting **Android V4.0 .. V16 (Baklava)**
- **compileSdkVersion = 36** / buildToolsVersion '36.0.0'
- gradle update 8.13.0 / 4.4.4
- **ndk adaptions** for **16 KB Page Size Requirement**
- "About" menu / "Server Settings" menu: gap left correction
- larger button adaptions
- repair calendar "Categories" menu
- layout adaption for log menu
- timed sync during **ObserverSync** will no longer be ignored -> later
- compileSDK will be displayed at the "About" menu
- no multiple **ObserverSync** for ReloadDevice
- **Pushalerter**: will be called again in case of <later>
- hidden binary SMS can be displayed with " :SHBS" **(PRO version)**
- top bar hidden height **EdgeToEdge** adaptions
