Synthesis SyncML Client for Android

1.7.0.25   Release date: 29.4.2010
- initial release, supporting **Android V1.5 .. V2.1**
- based on Synthesis Client Engine **3.4.0.6**

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
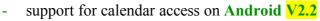- change of PHOTO size will be recognized for all Android versions

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   *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
- 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
- support for calendar access on **Android V2.2**

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
- use of **new certificate**: **deinstallation of the previous version is required**
- based on Synthesis Client Engine **3.4.0.13**, **SDK version changed to 1.8.0**
- 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

Honeycomb
Android 3.0

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

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**
- 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

Jelly Bean
Android 4.1

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

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**
- 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

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**
- 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**
- **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
- 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