Synthesis SyncML Client
for Windows Phone

2.1.1   Release date: **17.8.2013**
- initial release, supporting **Windows Phone 8.0**
- published as **LITE** version, with **contacts only**
- based on Synthesis Client Engine **3.4.0.65**

2.1.2   Release date: 16.12.2013
- based on Synthesis Client Engine **3.4.0.70**
- all menus are supported now in portrait and landscape mode
- enhanced phone field assignments
- no crashes any more w/o http(s) in URL
- bugfix for deleted elements in „update device" mode
- **buy** button introduced

2.1.5   Release date: **25.3.2014**
- based on Synthesis Client Engine **3.4.0.72**
- hidden option „ :ANDI" introduced to identify as Android device
- **30 days testing for free is possible now**

2.2.0   Release date: 10.4.2014
- replace-instead-add will be handled correctly now
- deletion of non-existing items no longer possible

2.3.0   Release date: 30.4.2014
- **STD** version with **built-in calendar** is available now

2.3.1   Release date: 12.5.2014
- allDay fix, no longer extended over several days

2.3.3   Release date: 30.5.2014
- based on Synthesis Client Engine **3.4.0.73**
- allDay alarm time adaption
- BYMONTH recognition added (RR_next improved)
- hidden option „ :CTPW" is available on request for WP8 as well
- suppress some dbg output (mainly of reminder setup)
- do not convert calendar entries 0:00 - 0:00 into allDay events
- allDay milliseconds adjustment added
- weekday support corrected for dates before 1-1-1970
- cal_askback_del_event_rr text adapted
- last day in month as allDay event will no longer be invisible
- some more allDay display fixes
- changes and deletion of rrule exceptions corrected
- changes check for rrule events fixed
- calendar counter update after manual changes in calendar

2.3.5   Release date: 15.7.2014
- Error texts: Server: ... added
- Several minor adaptions, according to the Android version
- RecvSyncEngineStart adaption for **Windows Phone 8.1**

2.3.8   Release date: 27.8.2014
- based on Synthesis Client Engine **3.4.0.75**
- „Reload Device" for contacts waits now long enough for empty DB
- no flag phone numbers will be assigned to „WORK" now
- phone numbers with „iPhone" label will be assigned to „CELL" now
- disarm TAIF backslash bombs, including quick EscOut() algorithm

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2.5.0   Release date: **16.5.2015**
- based on Synthesis Client Engine **3.4.0.78**   (C++ expiry date adapted)
- use SQLite V3.8.8.1
- several RRULE corrections for the calendar
      (multiple entries per week, week numbering, rrule recognition)
- attendee/organizer assignment adapted
- calendar categories can be switched off completely now
- duration 2 hours will no longer show 1 day
- speedup for counter saving
- user defined rrule display added
- unchanged rrule will not ask for saving anymore
- reccurrence button will be updated if data of entry has been changed
- day / month view   will be changed if date of entry has been changed
- the first rrule element is always visible, even if end date is before
- exception entries do not allow rrules anymore
- events can now be synced with the **WP8.1 system calendar**
- ChangeTracker introduced for WP8.1 calendar
- rotating Synthesis icon during sync
- double tap for month choice at the internal calendar
- sync /visible can be chosen for each calendar
- internal screenshot mode added
- download docu on 8.1 is still not possible
- sync mode is displayed correctly now in settings menu
- user defined reminder change corrected
- do not ajust displayed month for recurrence events
- WP8.1 calendar: public – private support added
- consistent reminder / duration time display
- min duration is now 1 minute
- persistent last month display after restart of the app
- sync mode selection on the main screen (using long click)
- Time_BEGIN/END statistics system is now identical to JAVA version
- RRules with exceptions are handled consistenly now with WP8.1 calendar
- date (w/o year) correct for different locales / week nr with dot
- enhanced allDay recognition with hidden options :ADUT and :AD24
- empty contact account will force now a slow sync (or reload device/server)

2.5.1   Release date: 19.5.2015
- easier identification for **ORACLE** Beehive server

2.5.5   Release date: 12.8.2015
- based on Synthesis Client Engine **3.4.0.79**
- contacts: email addr with „INTERNET" attribut will be synced to **OTHER**
- insert/update correction with <wpID>
- events with starting second not 0 will be stored with invisible seconds
- corrected alarm time calculation for events with starting second not 0
- del account error (20054) can be handled with alertbox now

2.6.0   Release date: 15.10.2015
- based on Synthesis Client Engine **3.4.0.82**
- successful tests on **pre-release of Windows Phone 10**
- :UTFE option for sync servers with incomplete UTF-8 implementation
- hash calc adaption, as WP8 time representation does not contain seconds
- calendar change recognition bug fixed
- WP8 event <availability> (busy status) field supported now client ⇔ server
- calendar change tracker will be triggered also after duplicate suppression
- fix for photos>200k w/o reduction (for **LITE** version)

2.7.0   Release date: **8.1.2016**
- based on Synthesis Client Engine **3.4.0.83**
- fix for photos>200k w/o reduction (for **STD** version as well)
- fix for attendees hash calculation
- ChangeTracker access adaptions: try/catch and accept changes
- avoid „actives" <iu> NullPointer

2.7.2   Release date: 19.2.2016
- based on Synthesis Client Engine **3.4.0.84**
- support for versions **Windows Phone 8.0, 8.1** and **Windows Phone 10**
- 2-line license info on main page
- **ROLE=OWNER** supported (VCALENDAR 1.0)
- GetHashCode() problem fixed for **WP10** => no longer all items to server
- color uint fix
- reminder/attendee change recognition for events

2.7.5   Release date: 5.10.2016
- based on Synthesis Client Engine **3.4.0.99**   (license „file=xxx" extensions)
- updateAttendees() improvements
- ignore case sensitivity for accounts and calendar names
- **ORACLE** filter status [?] for TENTATIVE attendance added
- multiple birthday/anniversary elimination
- alarm time adaption for VCALENDAR 1.0 allDay UTC events
- enginemodule/base adaptions
- multiPath: <remotePath> extensions with quotes or %XX special chars
- corrected alarm adaption for event start time changes on server side
- alarm: corrections for 24 hour events
- DB_TooManySessions (error=101) added
- contacts/events database fields will be written empty now (instead of null)
- too long calendar text (main menu) reduced for Windows Phone 10

2.8.0   Release date: 2.11.2016
- based on Synthesis Client Engine **3.4.1.0**
- display remains active during the whole sync session (DisplayRequest)
- DisplayRequest not active for Windows Phone 8.0
- events: reminder correction for allDay events and duration format
- SETFLOATING reminder in case of allDay events
- events: ignore calendars with empty <display_name>
- events: display each <display_name> only once, no duplicate names

2.8.3   Release date: **26.1.2017**
- based on Synthesis Client Engine **3.4.1.2**
- update with deleted RRULE will be written to WP calendar
- default status for attendees w/o status is NEEDS_ACTION now
- haParams class added
- „synchroniert" typo fixed
- „Time" class encapsulated
- events: fast reload device mode introduced („ :FARD)"
- errors 500..514 added as texts
- cur_event is no longer extending util_debug (interface structure)
- Eliminate_RR() implemented, avoid ChangeTracker problems
- TimeMilli year -4712 adaption
- Normalize_special() adaption
- suspend/resume adaptions (no longer breaking at Update/Delete)
- reload device: delete rrule with exceptions at the beginning
- „CloseHigher" problem fixed: „Upd" / „Upd_ds"

2.8.6   Release date: 20.2.2017
- based on Synthesis Client Engine **3.4.1.3**
- :FARD: differentiate suspend/delete
- :FARD: a.iID attendee problem fixed / counter adaptions
- :FARD for kReloadDev() or lReloadDev()
- haParams cleanup (eliminate duplicate vars)
- sync_reporting with Upd() for ReportTot()
- contacts/events counter updates (including ...) during sync session
- cs_contacts: nDisp= 20 / <nTot> -1 at eof
- RR exc events TouchTitle() improved with updated hash
- PARSEEMAILSPEC workaround for unquoted/unescaped attendees

2.8.9   Release date: 25.4.2017
- based on Synthesis Client Engine **3.4.1.5**
- get_elem() common <aID> problem fixed (RRULE with exceptions)
- further :FARD improvements
- „WET" timezone problem fixed for VCALENDAR 1.0
- SubStr start/end restrictions, avoid problems w/o email ATT

2.9.0   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
- HIF_elem symmetric sorting (compareTo_h)
- origTime DATE adaptions and <allDay> propagation
- calendar: don't store location info in case of deleted exceptions
- <oracleStatus> info and SaveHIF file contents added to the log file
- TZ_SYSTEM correction (cur_event)
- zap warnings: create named lists of affected datastores
- zap warnings: texts en/de/fr adapted accordingly
- suppress zap warnings for empty calendar and addressbook
- ds_calendar: geo ⇔ location additions
- release date also added to logfile
- license productFlags/licenseType info at logfile now
- adaptions for direct SDK_util.* imports / rsc compliance / UTF-8
- avoid UpdateDevice fallback to NormalSync after error
- avoid forced device SlowSync mode change after error
- „about" copyright with starting year