

### **Version 0.9.8.8**

- added import pages / pictures from PDF files
- added new option in file menu "Save optimized", which optimizes all pictures for device set in options
- added copy user settings (options) when upgrading to a new program version
- added select / deselect countries / regions on space key
- added shift focus to waypoint name when enter key is pressed inside waypoint list
- improved program startup responsiveness
- improved waypoint changed detection
- prompt "waypoint changed" / "regions unsaved" when opening a new file
- prompt "waypoint changed" when saving settings (options)
- when adding pictures, always size them to max. 800x480 (our maximum instrument resolution) - also take instrument orientation in consideration if it's set in settings (options)
- when user selects a new waypoint and has unsaved changes a question dialog now pops up asking him if he really wants to disregard changes instead of just a warning
- give proper focus to main window after it shows
- fixed bug where "Send changes" dialog wouldn't show as top most dialog when exiting program
- fixed change # in "Select waypoint"
- fixed send changes button anchor
- fixed bug in waypoint list - measurement units were always displayed in meters even if the user had feet selected
- grammar fixes

### **Version 0.9.8.7**

- implemented ability to send your database changes back to LXNAV (available via Edit->Edit / send saved changes->Send changes to LXNAV or when program exits - can be turned off in settings)
- re-enabled ability to manually write units (m, km, ft) in rwy length, rwy width and elevation (automatically converts from any unit to units selected in settings)
- restricted russian airports to Europe region (in compliance with the October 2014 asapt database)
- unified measurment units and latitude longitude format across entire program
- added context menu to list of waypoints with add and delete waypoint
- added add tool item menu to images context menu
- fixed tab stops on some windows
- unified button placements with windows style
- redesigned select waypoint window (when applying changes)
- grammar fixes

### **Version 0.9.8.6**

- fixed a bug causing the application to crash if the file saving was unsuccesfull (trying to save in UAC protected dir fails)
- fixed tab stop
- pressing enter in search box now gives focus to list of waypoints

- added menu shortcuts
- fixed invalid date error
- unknown or undefined waypoint country is now classified under "Others"

#### **Version 0.9.8.5**

- fixed a bug that prevented to read cup files with empty lines
- added more detailed message if an error occurs when opening files
- added associate ".asapt" file extension to installer
- added support to open the program directly by double clicking any ".asapt" file (if ".asapt" file extension is associated)
- updated insert new waypoint text
- fixed rare bug causing the waypoints to not sort in alphabetical order
- fixed rare bug at applying changes causing the program to crash if the "Applying changes" dialog was not displayed in time

#### **Version 0.9.8.4**

- changed rwy direction max value from 360 to 359
- changed "Save waypoint" button text to "Update waypoint" to avoid confusion with saving to file
- updated message box warning text for unsaved changes
- remember auto select best match option also on skip button while applying changes
- added progress bar for loading the list of changes when opening changes history
- optimised region and countries selection
- due to optimizations removed progress bar for loading countries - now it's almost instant
- fixed minor bugs on adding new waypoint
- "Update waypoint" button text changes to "Insert waypoint" on adding new waypoint
- button positions and visual tweaks
- set select waypoint window to sit always on top
- fixed controls that set edited flag without user interaction
- added ask when multiple waypoint matches exist option to settings (while applying changes)
- added new applying changes window with progress and cancel option
- fixed rare bug with description (when a waypoint from older program version was last applied to the current database - incorrect handling of newline)
- grouped options in Options window
- fixed a bug when updater couldn't start the downloaded setup while updating program
- fixed country handling for Russian airports in Europe
- enabled adding of Russian airports to Europe
- fixed changes tracker to identify Russian airports and match them to Asia or Europe based on their longitude
- fixed deleted statistics when applying changes

### **Version 0.9.8.3**

- added "What's new?" link that directs the user to changelog on update available dialog
- tweaked parameters for waypoint matching while applying changes
- fixed bug while applying changes for waypoints with no country (skip && add comment to log.txt - next release of asapt database will fix this)
- added wait cursor for opening and closing edit changes dialog (can take some time for big changes files)
- fixed a rare bug of not displaying country in region if country already existed in another region
- added wait cursor for closing main form (wait time while the settings save and changes update on filesystem)
- fixed occasional bug when select waypoint dialog hid behind the main window and was unclickable while applying changes
- grammar corrections

### **Version 0.9.8.2**

- fixed problems saving lat/lon in decimal degrees or degrees, decimal minutes format
- reworked applying saved changes to database
- new rules for matching changes to waypoints (now based on match probability)
- when applying changes if the change matches multiple waypoints the user is prompted with a dialog to select best match
- automated option for applying changes is available by checking auto select best match checkbox when multiple matches exist (select waypoint dialog)
- if multiple waypoints match with 100% probability, the user will be prompted regardless of auto select best match option
- added new edit changes dialog that allows the user to review and delete previous changes
- removed the clear changes cache menu option (replaced by edit saved changes)
- minor visual tweaks

### **Version 0.9.8.1**

- more robust save to file (display error message if save failed)
- fixed form layout if user closed the application while it was minimized
- masked latitude and longitude input
- masked elevation, rwy width, rwy length and frequency input
- changed Save to OK and added Cancel button in Options window
- main window state, position, location and layout are now also reset when user clicks reset settings to program defaults
- fixed a rare issue of displaying "You've made some changes and didn't save them." even if the user saved changes
- changed search text box to Windows 7 Explorer style
- other minor visual tweaks

**Version 0.9.8.0**

- significant speed improvements while working with multiple regions selected
- fixed "Incomplete or invalid data file" error that was caused by incorrect quotations handling in description field
- changed cup and lxc encoding to windows-1250 code page - supports larger character set (fallback is ASCII)

**Version 0.9.7.9**

- fixed "file opened by another process" bug when saving single cupx file
- added prompt for opening empty files

**Version 0.9.7.8**

- fixed alphabetical sorting of waypoints for australia after saving changes (thanks to Terry)
- enabled optional sending of error reports via program dialog

**Version 0.9.7.7**

- added check and warning that only one instance of the application can run simultaneously
- fixed "You've made some changes" prompt when runway direction changed (when saved with CTRL + ENTER shortcut)
- fixed null description bug (thanks to Terry)

**Version 0.9.7.6**

- bugfix in latitude calculation (thanks to Max)
- additional info in about dialog

**Version 0.9.7.5**

- fixed and fully enabled multiline entry in description field (thanks to Hanspeter)
- filepath bugfix (if path to file contained character -)

**Version 0.9.7.4**

- bugfix in cupx header creation when converting from cup to cupx in asapt (thanks to Peter Schibli)
- bugfix when saving waypoints while track changes is disabled

**Version 0.9.7.3**

- no updates available message when checking for updates manually
- bugfix when editing description and pressing CTRL + ENTER shortcut
- added file extension check when opening files and prompt to user for unknown file extensions
- saving cupx file without header gets saved without automatic header

**Version 0.9.7.2**

- grammar corrections
- added warning if file size exceeds 30MB
- automatic program updater (when a new version is available)

- added "Check for updates" option that allows user to manually check for new versions in the Help menu

#### **Version 0.9.7.1**

- bugfix when saving lxc files
- renamed the file menu "Save" to "Save as" and assigned new shortcut CTRL + SHIFT + S
- added "Save" option in the file menu (saves directly to the opened file) and assigned shortcut CTRL + S
- added prompt if the user didn't save changes to the waypoint after editing and switching to a different waypoint (or saving file)
- added shortcut for saving waypoint changes by pressing the CTRL + ENTER key (thanks to John Orton)
- added splash screen (when the application is starting)
- waypoints list scrollbar position is preserved when saving changes (thanks to John Orton)
- added shortcuts CTRL + TAB to navigate to the next waypoint in the waypoint list, and added shortcut CTRL + SHIFT + TAB to navigate to the previous.
- fixed tab stop focus on some controls
- added dialog for unsaved regions when closing the program
- bugfix when editing waypoints that are not in alphabetical order

#### **Version 0.9.6**

- new format for storing changes (zipped and encrypted xml)
- if the last waypoint in the country gets deleted, the country node in the "Select countries:" tree view gets deleted immediately
- bugfix at auto loading last opened file (if the file was already in the MRU)
- support for loading, editing and saving cup, cupx and lxc files
- when loading files, skip duplicate image entries
- added progress bar when loading files / selecting countries / saving waypoints
- added drag & drop support for asapt, cup, cupx and lxc files

#### **Version 0.9.5**

- image file names are stripped of non-alphanumeric characters before saving (sometimes lx devices have problems when reading these characters and can't display files with them properly) (thanks to Peter Schibli)

#### **Version 0.9.4**

- bugfixes
- significant speed improvements when applying changes
- significant speed improvements when saving waypoints

#### **Version 0.9.3**

- bugfix at applying changes (thanks to Peter Schibli)
- new ability to delete countries and entire regions by right clicking on the entry and selecting delete (thanks to Peter Schibli)

- corrected sorting algorithm when adding new waypoints (sorted by waypoint name) (thanks to Peter Schibli)
- right clicking on the image now also gives an option to delete it
- right click paste image now additionally supports image as a file

#### **Version 0.9.2**

- if new images are bigger then 640x480 they autoscale to 640x480
- new image gallery
- always jump to last added image
- bugfix
- some user interface improvements for older OS (Windows XP)
- installer licence & publisher update

#### **Version 0.9.1**

- xml serialization - changes are now serialized to a xml file - more robust then previous binary serialization
- drag & drop support for pictures, ctrl + v shortcut for pictures, paste pictures from clipboard, right click paste picture