

vStrips (2.2.0)

On initial installation you must install the vStripsESP.dll file (found in the vStrips ProgramFiles folder) as a EuroScope plugin. Details on this procedure are contained in the vStrips User's Guide. Unless you relocate the dll file, you will not need to repeat the process on subsequent upgrades.

RELEASE NOTES

Version 2.2.0 – 19/03/2024

Enhancements

- UKCP should now provide stand numbers for both inbound and outbound aircraft.
- Where Euroscope provides 6 figure controller frequencies, vStrips now reads the full frequency.

Bug Fixes

- EGLL – First GMC to connect now prompted to select BBX Mode.
- Fixed various config issues across multiple airfields.

On going Issues

None reported.

Version 2.1.0 – 2nd July 2023

!!! Important - Non-Visible Enhancement !!!

We have implemented a way to obtain data relating to errors and the debugging of issues without the need for you to manually send files to the vStrips team. We are unable to identify actions outside of vStrips, any information shared relates to communications or actions solely within vStrips. You can see the information that is shared by looking at 'Trace' Files in Documents/vStrips. If no Trace files exist, then no data has been shared. We automatically collect trace data where there is an issue on vStrips starting and updating. We aim to advise you if Trace Data is activated for specific issues, so you are aware. If you wish to discuss this in more detail, please reach out.

Enhancements

- **EGLL now has a Ground Bandbox Mode. More information can be found on the [EGLL WIKI](#)**

- Now handles ES Plugin loaded into Proxy Euroscope.
- Check ALL is now a selectable upon within Check Strips,
- When UKCP has assigned frequencies before vStrips is aware of the aircraft this information was not passed along unless it changed. With help from our friends at UKCP, when vStrips becomes aware of a strip we will now be notified of all relevant information by UKCP.

Bugs Corrected

- In specific circumstances, an exception would generate on close.
- Changing SID in DRWY, SID, MDI now reflects on to the strip.
- Fixed Issue with PDC enlarging User options files.
- The METAR is now tolerant to corrupt data from source.
- Fixed issue which caused Euroscope to CTD.
- vStrips will, where presented with a Departure & separate Arrival ATIS, use the Departure ATIS.

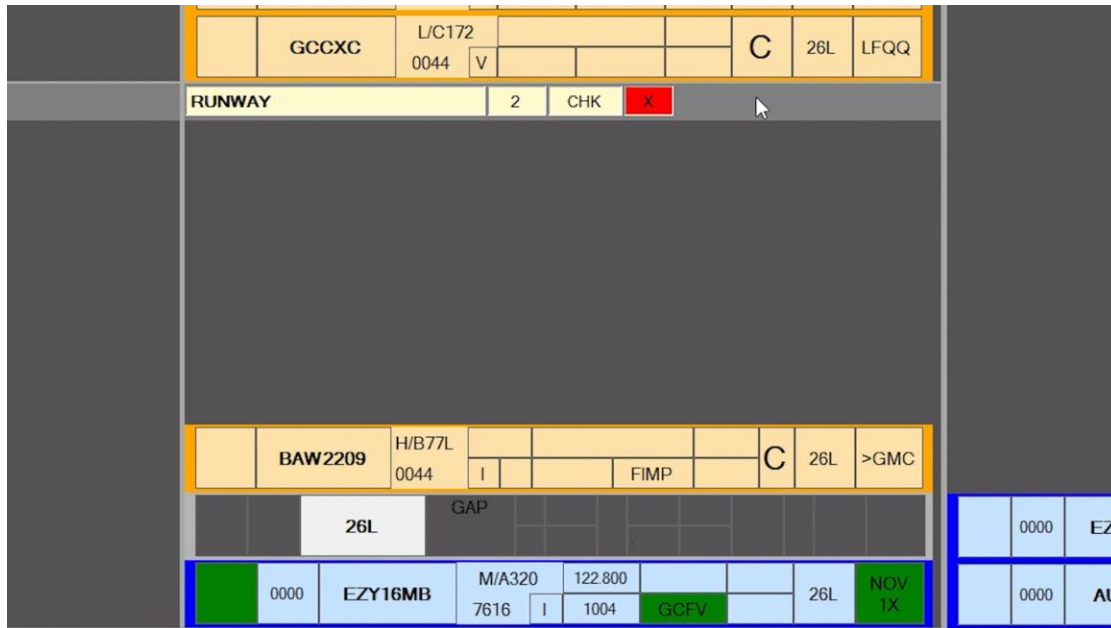
Known Issues

- When entering AC data at a FISO airfield, upon pressing the green tick, the data cannot be transferred across to the created strip.

Version 1.23 – 1st March 2023

Enhancements

- Strips will now show Wake/AC Type (**H/B744**) rather than AC Type/Wake (**B744/H**).
- Air Controllers – When picking a strip from HP or ARR SEQ – You can now drop the strip in to a specific position in the runway bay. To do this pick the strip you want to drop and then press the strip you want to drop the picked strip underneath of. This also includes Gap & Check Strips. **You cannot drop under a Runway Blocker strip.**



Bugs Corrected

- If Airfield not recognised, vStrips won't crash anymore.

Known Issues

- When entering AC data at a FISO airfield, upon pressing the green tick, the data cannot be transferred across to the created strip.

Version 1.22 – 25th May 2022

Enhancements

- When vStrips detects a change to your best view, a popup will be displayed asking if you want to change to the new view.
- New inbound runway ghost strips for TWR. Allows GMC to pick up without the strip disappearing off TWR view. Once hidden by TWR, GMC will have full functionality to hide or transfer strip. Can SID Trigger or transfer the strip.
- Added EGPT & EGPN as authorised FISO airfields

Bugs Corrected

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Known Issues

- Where a monitor is used in vertical mode, vStrips does not correctly adjust to monitor layout.

- When entering AC data at a FISO airfield, upon pressing the green tick, the data cannot be transferred across to the created strip.

Version 1.21 – 20th April 2022

Enhancements

- EKCH customisation added – check out the wiki at ekch.vstrips.co.uk
- FISO customisation added – check out the wiki at fiso.vstrips.co.uk
- Grab strips for EGCC/EGKK expanded.
- Added CTOT to PDC message if assigned.
- Stand now is now followed by a period (.) when writing to scratch pads.
- Removed EGBB SIDS that were no longer in use.
- Removed from the PDC Controls certain EGKK & EGGW SIDS.
- Will correctly process PDC requests from FlyByWire aircraft.
- Local Edit now shows RFL & Filed Flight Plan. If either change then the original is still shown.
- CTOT background colour now depends on the source. White = VATCAN, Yellow = Manual.

Bugs Corrected

- Stand now no longer required for clearance for all UK airfields **except EGLL**.
- Fixed SID PDC where number of SIDS is fewer than 4.
- EGKK PLN & GMP ASST – correction to layout & rules governing the view.
- GM-BB now shows a Datalink Bay.
- GMC arrivals will no longer colour yellow in the ATA field while the strip is in Pending Arrivals / Arrivals

Known Issues

- Where a monitor is used in vertical mode, vStrips does not correctly adjust to monitor layout.

Version 1.20 – 4th March 2022

Enhancements

- **The MANUALS ARE GONE!** Clicking Help > Wiki will take you to the appropriate Wiki based on your airfield.
- Control Bar SID PDC – Check out the video at vstrips.co.uk
- LPPT customisation added – check out the wiki at lppt.vstrips.co.uk
- Changed the message that displays after selection on vStrips.
- Airborne Frequency now auto populates if running UKCP
- Audible Alert on PDC Request
- Integrates with UKCP Go Around Function

- On GMC Views – Headerless bays are now used to indicate a runway bay.
- When running vStrips, after server selection, new messages appear. vStrips will not fully open until you are logged in to Euroscope.
- VatCan integration – ‘Clicking Extras > Vatcan Event Code’ will display CTOTs on strips. It will also allow ordering by CTOTs in Planned Departures,

Bugs Corrected

- Fixed UKCP integration.
- Removed Go Around marking on strips, where the Go Around is cancelled by the user.
- Fixed EGLL issue where strip sizes were disproportionate to bay sizes.
- References to APP in the Views Menu removed – replaced with SUP category.

Known Issues

- Where an event code is used but no CTOTs issued, strips are showing ‘Null’ (**should be blank**)
- Where a monitor is used in vertical mode, vStrips does not correctly adjust to monitor layout.

Version 1.19 – 20th January 2022

Enhancements

- Minor changes to how vStrips connects to the server.
- It’s no longer possible to run a vStrips.exe to load vStrips. After updating, vStrips will open automatically.
- Various behind the scenes changes to make vStrips more stable.

Bugs Corrected

- Issue with CLX DEL & PLN views at EGKK/EGLL
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Known Issues

None

Version 1.18 – 24th October 2021

Enhancements

- Will only write to scratchpad after clearance given.
- Now shows version number in title bar.

Bugs Corrected

- OMDB Airfield Fixes

Known Issues

None

Version 1.17 – 19th September 2021

Enhancements

- GAP Strips
- ATIS automatically updates when an airfield ATIS is connected to VATSIM.
- ATA will now flash on setting.
- OMDB Specific Program
- EGCC Layout changes
- Back to Runway button
- DESIG SID added to EGCC list
- Multiple runways will now show when set on control bar.

Bugs Corrected

- Fixed EDT & EOBT on Local Edit form
- Bay Headers are now standardised across all views.

Known Issues

- When closing vStrips, can cause Euroscope to crash.

Version 1.16 – 11th June 2021

Enhancements

- New system default colour
- New strip colours for all airfields except EGLL (London Heathrow)
- Introduction of Gap Strips at all airfields. (Special Procedures section of Manuals)
- Introduced ability to update UKCP with Stand Information*
- Introduced split GMC/AIR click maps at EGLL dependent on Runway and available controllers.

Bugs Corrected:

- Corrected start up issue where no airfield data was populated preventing program from launching.
- Fixed ATC Remarks on clearance form where previously, remarks would not show.
- Fixed EGCC Ground State issue.
- Created additional AIR+GND view at EGCC
- Added Stand 209 at EGLL and connected to GMC 2 stand hierarchy.

Known Issues

- When creating an inbound strip at Heathrow, after selecting North or South runway arrival, runway still has to be selected on the strip.

V1.15 14th March 2021

Enhancements:

- Integrated Hoppies PDC (CPDLC) within vStrips. Datalink bays show on the appropriate controller's strip board, as detailed below. PDC default is 'Manual' mode.
 - ADC Bandbox View
 - GM Bandbox View
 - GMP Views
 - Heathrow & Gatwick CLX DEL views.

It is **strongly** advised to read the PDC Quick Start manual before attempting to use PDC

- Added Cancel GA as feature (Pick + Go Around to cancel)
- Added support for Airports who use Altimeter instead of QNH
- **For UK Airfields only**, arrival strips will populate with stand data obtained from UK Controller Plugin. vStrips will no longer assign stands for inbound AC.
- Added Discord & removed Teamspeak from options menu.
- Updated Manuals to reflect changes.

Bugs corrected:

- Corrected high altitude airfields not displaying strips.

Airfield Information Updates

EGCC (Stand & Holding Point); EGLL (Holding Point Cat 1 & Cat 3); EGNJ (Stand & Holding Point) EICK (Stand & Holding Point); EIDW (Stand & Holding Point); EINN (Stand & Holding Point); ENGM (Stand & Holding Point); EDDF (Holding Point) CYEG (Stand & Holding Point + Airfield Data)

All UK Airfields have had an airfield data update as well.

Known issues:

- When creating an inbound strip at Heathrow, after selecting North or South runway arrival, runway still has to be selected on the strip.

V1.14 31st May 2017

Enhancements:

- Grab Strips via the Bay Title context menu:

AIR views:

- From all GMP and GMC bays to the holding point(s) bay
- PLEASE NOTE: AIR cannot grab a strip from another controller onto any runway bay.**

GMC views:

- From all GMP bays to Start(ed)

- From AIR Pending Arrivals & Arrival Sequence to Taxi (Taxi In)

PLEASE NOTE: GMC **cannot** grab a strip from any AIR Runway bays, this must be manually sent by the AIR controller.

Bugs corrected:

- Corrected the problem (on opening screen) with automatic configuration file updates.

Airfield Information Updates

- EGCC has new clearance limit image and implements the same push direction functions as EGLL.
- Corrected spelling of EGCC SID "SANBA".
- Added the standard altitudes which were missing from the EGCC airfield data.
- EGLL & EGSS – Inbound strips automatically populate with a random and empty stand, appropriate to the aircraft type and airline.
- EGKK – Updated inbound stand arrival for EZY, BAW and VIR with regards to terminal moves.

Known issues:

- None.

V1.13 22nd January 2017

Bugs corrected:

- Will now work with Sweatbox Managers.

Enhancements:

- Added a "Go Around" warning sound which is heard by all local controllers.

Known issues:

- None.

In the pipeline:

- Ability to "grab" a strip which has become "stuck" with a previous controller.
- Automatic stand allocation for Arrivals.

V1.12 3rd October 2016

Bugs corrected:

- Added Pick and Drop for Heathrow North Tower, from ARR SEQ back to PEND ARRS.
- Added fix to prevent more than 1 stand or holding point pick form being created for a strip.

Enhancements:

- Added new UTAVA and NUGBO SIDs to EGSS Airfield Data.
- Now supports 3 letter IATA or local airport codes as used in the US et al.
- Added generic single runway support for US airfields MEM, JFK, ORD, ATL, DAL, EWR, PHL and MCO.
- Added ability to display a 5th, named, preset heading to the Hdg and Alt Form, depending on configuration. Currently used only to add CPT Heading 220 for Heathrow 09R deps.
- Airfield Data now included in the configuration file and can therefore be updated automatically without a full program release.

Known issues:

- None.

V1.11 3rd July 2016

Bugs corrected:

- None.

Enhancements:

- Improved time (from startup) to obtain the QNH.
- Improved ATIS selection popup.
- Added a "Restart" option to the closing splash screen.
- Removed LVP from the Control Bar, but Heathrow users can now choose between CAT1 or CAT3 Holding Points.
- New Controller menu allows users to select which controllers are shown in the Next Controller list. Also, when a strip's Next Controller field is clicked, it is filled automatically when only 1 control position is available.
- Users can now access the Changelog via the Help menu.
- An arrival strip which refiles for departure is automatically moved to the departures bay.
- Now shows an On-Screen Keyboard for data entry in the Local Edit and ATC Remark Forms. This can be disabled in the Options Menu.
- Scratchpad now cleared when departure strip is triggered out of taxi with no TWR online.
- Airfield Selection Form amended to allow APP and OBS users to type the airfield ICAO.
- Flightplan Remark(s) can now be viewed on the Local Edit Form.
- Updated Generic, Manchester and Heathrow user manuals.

Known issues:

- Failure to load the EuroScope plugin on 1 PC.

V1.10 26th April 2016

Bugs corrected:

- Fixed THAMES_APP control of EGLC.
- Fixed >AIR TO CROSS and KEEP TO CROSS for generic airfields.

Enhancements:

- Bays are now resizable. Click between bays and drag. Resets on next execution of the program.
- Added small strips. Use S and L buttons in bay headers to switch between small and large.
- Added automatic Terminal, Apron or Stand allocation to Arrival Strips for EGCC, EGKK, EGLL and EGSS.
- Added automatic Stand allocation to Departure Strips for EGCC, EGKK, EGLL and EGSS
- In keeping with the other forms, the ATC Remarks form now has Tick and Cross buttons. The keyboard keys <ESC> and <CR> continue to work as before.
- Replaced #1, #2, NEW-1, NEW-2 (at EGCC) and #N, #S, NEW-N, NEW-S (at EGLL) with # and NEW. Once clicked user selects 1/2 or N/S from a dropdown list.
- Added EGHl Stands and Holding Points.
- Added OTHH (Hamad Int'l) to available list of airfields when logged in as APP, CTR or OBS.

Known issues:

- None.

V1.9 5th March 2016

Bugs corrected:

- Fixed a memory leak.
- Corrected Heathrow GND transition when no controller is covering the target slot.

Enhancements:

- Updates the configuration file from the server (if required), rather than needing a new install.
- Update to Manchester stands.
- Now uses EuroScope METAR if internet data becomes unavailable for more than 2 minutes.
- Altitudes are now displayed either as feet or a flight level, based on the local Transition Altitude.

Known issues:

- None.

V1.8 28th Febuary 2016

Bugs corrected:

- Startup timing error which shows only occasionally.
- Error preventing some stands at Bristol to be unselectable.
- Rules relating to strip movements based on "vStrips using" controllers.
- Groundstate strip movements at EGLL when only APP online and using vStrips.
- Some generic airfield ground state based strip movements.

Enhancements:

- Updated manuals.
- User now selects whether to connect to Live or Sweatbox communications server on startup.
- ATIS can now be selected directly by clicking the ATIS letter on the Control Bar.
- Added selectable SIDs to the DRWY, SID, MDI form for the major UK airfields.
- Facelift for the Bay Title and Control Bars.
- Added user option for the Bay Title Colour.
- Revised Manchester Stands and Holding Points.
- Now supports dynamic messaging from the vStrips Team and vStrips NOTAMS.
- For a given airfield with existing controller(s), strips appearing on a new controllers view will be placed correctly.
- Selecting an aircraft in EuroScope then pressing a '#' button on PLANNED DEPARTURES or PENDING ARRIVALS bays will automatically create a strip for that aircraft... [For EGCC ARRIVALS, #1 and #2 are provided. For EGLL ARRIVALS, #N and #S are provided]

Known issues:

- None.

V1.7 12th January 2016

H A P P Y N E W Y E A R

Bugs corrected:

- Corrected EGLL configuration errors.
- Corrected plugin reporting of communication type.
- Corrected the display of online controllers.
- Controller callsign change now handled correctly in all cases.
- Fixed an occasional startup error when user is already logged into EuroScope.
- Will no longer erase the stand or clearance limit when the pick form is closed by X.
- Corrected the function which finds the best view.
- Corrected the plugin display of the controller name.

Enhancements:

- If a second instance is run, the user is offered the option to automatically close the first instance.
- Added ".vstrips local" command to the plugin.
- Heathrow modifications to Clearance Delivery and Planner Views (new STANDBY bay).

- Setting Takeoff Clearance now clears the strip's CTOT ... and ...
- Clearing CTOT is now reflected in the EuroScope speed.
- The user is now able to select previous ATC Remarks (<CLICK><RET> or <DBL CLICK>).
- Will now store any fatal error data in a date/time named file, for ease of reporting.
- Manuals updated.

Known issues:

- Failure to receive users ATC login from EuroScope on some (2) PCs.

V1.6 12th December 2015

Bugs corrected:

- Corrected Heathrow (groundstate movement) configuration errors.

Enhancements:

- Removed the need to specify a stand on departure strips, except at Heathrow.
- Will now use Arrival strip speed from EuroScope to populate strips stand.
- Added link to TeamSpeak on the Help menu. (Joins with the controller name and callsign).
- Added a Strips Menu, which provides an easy method for strip selection.
- Now retains the user selected airfield when logged in as APP or CTR.
- New Ground Ops at Heathrow (introduces GMC-2+1).
- Confirmation in EuroScope chat of vStrips plugin load and connection to vStrips.

Known issues:

- Failure to receive users ATC login from EuroScope on some (2) PCs.

V1.5 10th December 2015

Withdrawn

V1.4 27th November 2015

Bugs corrected:

- Squawks are now limited to 4 digits (between 0 and 7).
- Corrected stands and holding point errors.
- Corrected Heathrow configuration errors.
- Corrected startup problems when Windows input language is non-English.

Enhancements:

- Improved the calculation of aircraft distance from the airfield.
- Improved the picks forms which have no associated image.

- Added ability to view and set aircraft communication type.
- CLEARED bay strips are now ordered by CTOT.
- PENDING ARRIVALS bay strips are now ordered by digits in the callsign.
- At Heathrow, Euroscope scratchpad data containing stand/clearance limit will be reflected on the strip.
- Users can now create an ORDER strip in all Holding Point bays.
- Added a menu to all Views which allow view selection, setting of user options and links to the Website, Forum, Support ticket system and Manuals ... These functions are now removed from the splash-screen.
- Added 2 new Heathrow views for Planner and Clearance Delivery.
- "NEW" button added to PLANNED DEPARTURES and PENDING ARRIVALS bays for strip creation.
- All manuals updated.

Known issues:

- Failure to receive users ATC login from EuroScope on some (2) PCs.

V1.3 24th September 2015

Bugs corrected:

- Improved reliability of detecting the correct stand / holding point on the pick forms.
- Eliminated crashes due to an error in processing messages from other vStrips.
- Will no longer offer callsigns which have no primary frequency as next controller.
- Destination ICAO is now editable when creating an Overflight Strip.
- Heathrow Offered Strip colours corrected.
- Heathrow stand #248 added to the valid list.
- Corrected Heathrow configuration errors relating to inbound traffic and ADC-BB.

Enhancements:

- Departure strip stand numbers are now displayed in the Euroscope scratchpad.
- Informs the user if the program is run more than once.
- The Trigger from Runway to Airborne Departures now requires that the strip be either Cleared For Takeoff, Going Around or In The Circuit.
- Special Temporary Altitudes (i.e. 1 and 2) are no longer displayed on the strip.

Known issues:

- Failure to initialise on some (2) Windows 10 PCs.
- Failure to receive users ATC login from EuroScope on some (2) PCs.

V1.2 21st August 2015

Bugs corrected in this version:

- Fixed exceptions caused by unintended automatic use of a deleted strip.

- Will now display strips even when no correlated radar target exists within EuroScope.

Known issues being investigated:

- Failure to initialise on some (2) Windows 10 PCs.
- Failure to receive users ATC login from EuroScope on some (2) PCs.

V1.1 9th August 2015

Enhancements since V1.0:

- QNH < 1000 hPa now displays as 3 digits.
- Splashscreen is now automatically closed after the initial startup and on opening the Options Form.
- Added user options to cross select flights between vStrips and EuroScope.
- No longer shows the users ATC callsign in the options for the Next Frequency strip field.
- Improved Holding Points diagram for EGLL (Heathrow).

Bug fixes:

- Manually set SVFR state now not overwritten by EuroScope VFR state.
- Options Form limited to a single instance at a time.
- Strip now retains all data after clearance form has been closed.
- Departure runway change via the strip now works correctly.

Known issues being investigated:

- Failure to initialise on some (2) Windows 10 PCs.
- Failure to receive users ATC login from EuroScope on some (2) PCs.
- Failure to display strips for aircraft (specifically LMML).

V1.0 31st July 2015

Initial Release