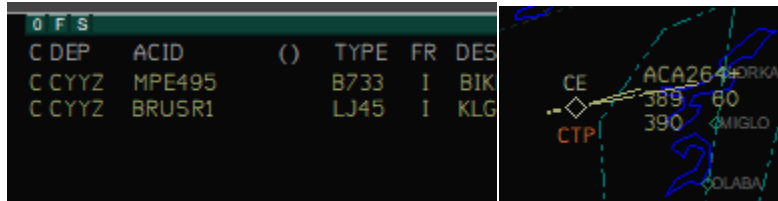


For those of you using the VATCANSitu toolbar already, thanks for all the feedback and additional information, I've been continuing adding new features based on this new information and it really has grown from just showing the correct symbol for VFR aircraft.

<https://github.com/ronyan/VATCANSitu>

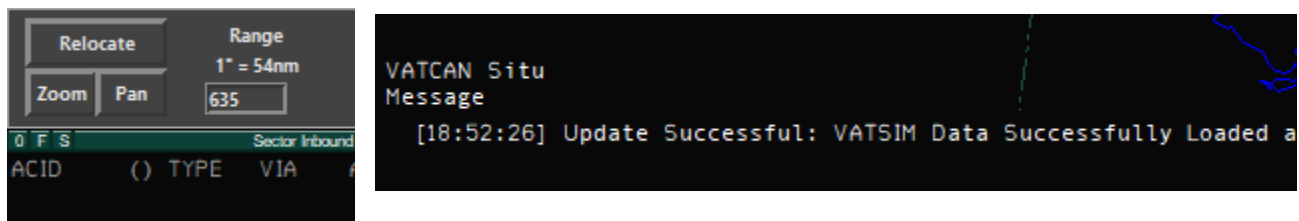
For CTP we need to identify aircraft with slots to prioritize service for those with bookings.



I will be publishing a new build of the full plugin 0.3.0.0-CTP with this feature built in. After CTP I will remove the CTP specific features as a new release. There is a massive performance improvements in the 0.3.x compared to 0.2.x. The 0.2.x versions do not scale well with >30 planes and I highly recommend updating to 0.3.x prior to CTP. That being said, it is typically an unprecedented amount of traffic that comes with CTP so I cannot guarantee perfect performance with the full suite. With that in mind there will be two versions of the plugin available to download:

1. VATCANSitu: 0.3.0.0-CTP: full suite with the custom symbology and this CTP feature.
2. VATCANSitu-CTP-Minimal: bare minimum version of the plugin that only adds the item to aircraft lists and adds the CTP beneath the PPS. In the interest of keeping this plugin as light as possible, you might see ghost "CTP" that are planes below your ES altitude filters. You will need to have to restore default symbology settings if you made changes for the full plugin.

The plugin needs to update data from the Vatsim servers to correlate callsigns and certificate IDs as well as against the list of CIDs with valid CTP slots. Rather than have this done continuously, you will need to manually refresh the data when new pilots log on. This only takes 1-2 seconds and you can and should probably batch things after a few pilots log on (if they haven't called up). This is the same as hitting refresh in VATSPY. In the full suite, I have hid this on the "Relocate" button. You will get a message from the plugin, that the data update has been successful. In the minimal version, well, there is only one button.



For the technically inclined, as always, the source code is available for review at the GitHub repository. The binaries (.dll files) are under releases. I used libcurl 7.73.0 static libraries to pull the data from the VATSIM API and from CZQO. I compile using Visual Studio 2019.

Install instructions: 1. Load the plugin and allow it to draw on Standard ES Screen.

Plug-ins Dialog ...

PlugIn Name	Version	Author	Copyright
CANscope	1.0	Todor Atanasov	Free to be distributed as so...
Audio for Vatsim EuroScope Bridge	1.2.3	Audio for Vatsim Team	Virtual Air Traffic Simulation ...
NAVCANSitu	0.3.0.0-CT...	Ron Yan	Attribution-NonCommercial ...

Close

Load

Unload

Up

Down

DLL file name: D:\Documents\VATCANSitu\Debug\VATCANSitu.dll

Registered display types:

Type name	Radar	Geo	Save	New
Standard ES radar screen				

Allowed to draw on types:

Forbidden to draw on types:

<<

>>

Registered TAG item: CTP Slot

Registered AC lists:

2. Add the tag item to the list of your choice (click the "S"): Set the settings to your preference in terms of ordering. It will show the letter "C" if the pilot has a CID with a valid CTP booking.

S

ACID () TYPE FR DEST VIA SID RWY ALT ASSR STS # /

Departure List columns setup dialog

Item type	Width	Center	Left button function	Right button function
Departure aerodrome	5	-		
Callsign	7	-		Open handoff popup menu
Scratch pad	5	C	Edit scratch pad string	Open communication type popup
Aircraft type	4	-	Toggle route draw	Open flight plan dialog box
Flight rule (I,V)	3	C		
Destination airport	4	C	Open flight plan dialog box	Open flight plan dialog box
Direct to point name	6	C	Open COPX point coordination list	Open assigned heading popup list
Assigned SID	12	C	Open SID setup popup list	Open SID setup popup list
Assigned runway	3	C	Open RWY setup popup list	Open RWY setup popup list
Temporary altitude	4	C	Open temporary altitude popup list	Open temporary altitude popup list
Assigned squawk	5	C	Open SQUAWK assign popup	Open SQUAWK assign popup
Clearance received flag	1	C	Set clearance received flag	Set clearance received flag
Ground status	4	C	Open ground status popup list	Open FP track status popup
Assigned departure order	1	C		

Tag Item type: []

Header name: [] Width: [] ☐ Align to center

Left button: []

Right button: []

Add Item 2.

Delete Item

Item Up

Item Down

Clearance received flag	1	C	Set clearance received flag	Set clearance received flag
Ground status	4	C	Open ground status popup list	Open FP track status popup
Assigned departure order	1	C		
CTP Slot	3	C		

Tag Item type NAVCANSitu / CTP Slot

Header name CTP Width 3 ☒ Align to center

Left button

Add Item

Right button

Delete Item

Coloring