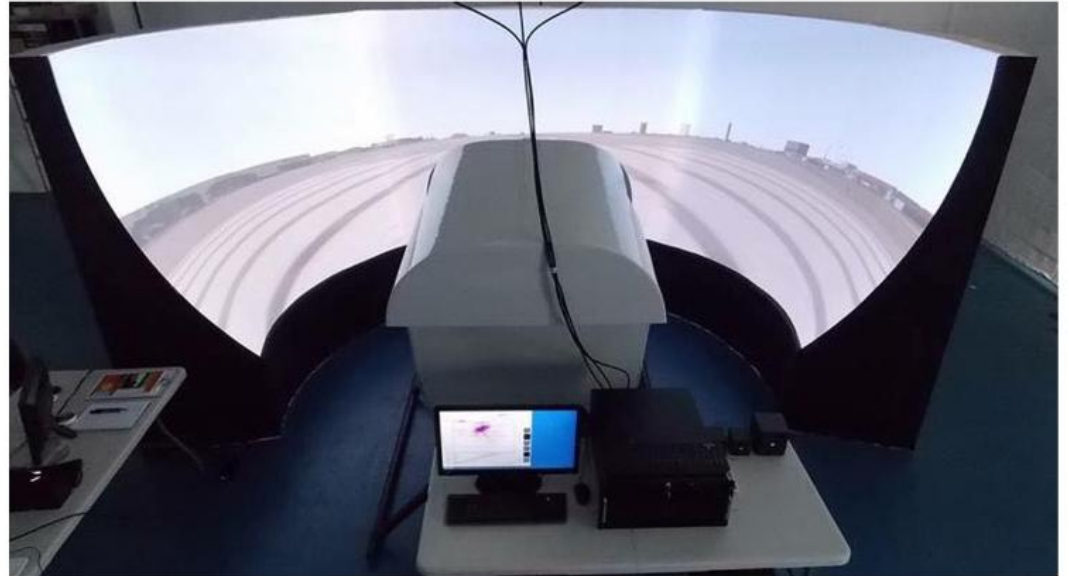


O uso de realidade virtual e realidade aumentada na capacitação de profissionais da aviação: o estado da arte.

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AMBIENTES

EQUIPAMENTOS

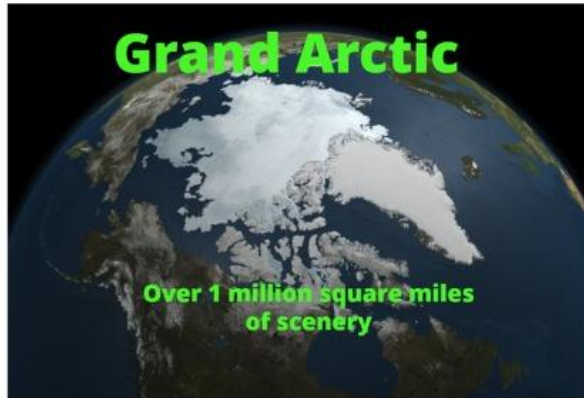


ATORES





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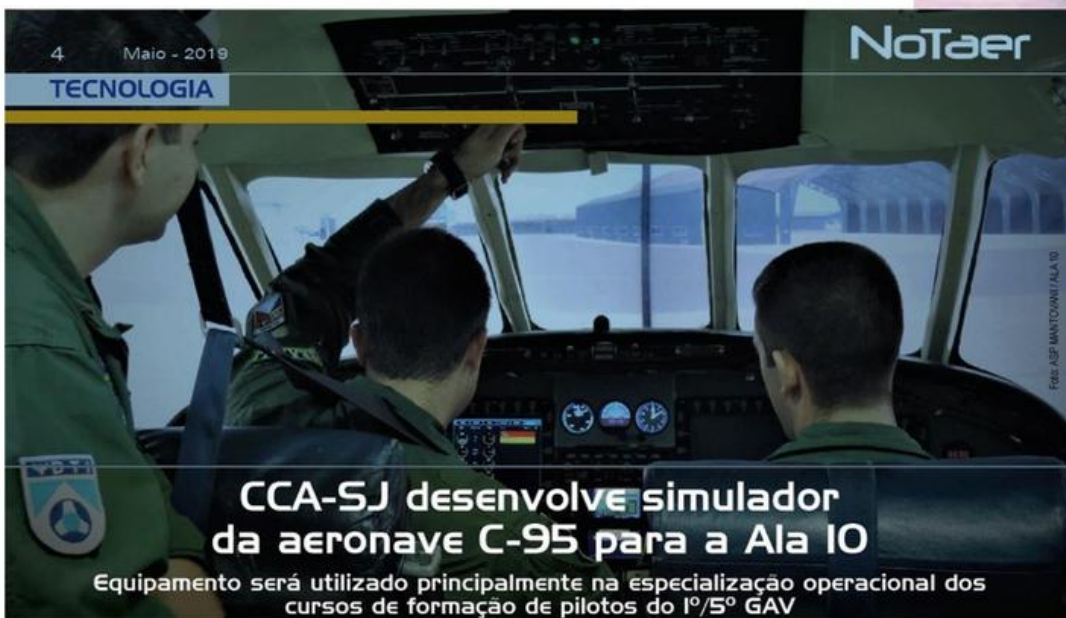




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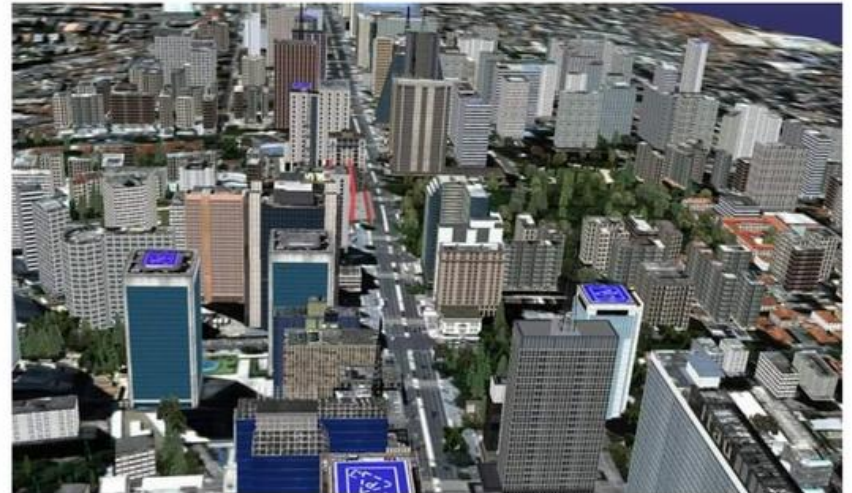
INDEPENDÊNCIA TECNOLÓGICA



CENTRO DE COMPUTAÇÃO
DA AERONÁUTICA EM
SÃO JOSÉ DOS CAMPOS



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WORK AS AN AIR TRAFFIC CONTROLLER

IVAO allows you to work just as a real air traffic controller would
directing traffic on the airfield or from your radar
as an approach or area controller

[Donate](#)[Join Now](#)

INTERNATIONAL VIRTUAL AVIATION ORGANISATION

NETWORK ACTIVITY

INTERNATIONAL VIRTUAL AVIATION ORGANISATION

The International Virtual Aviation Organisation, IVAO for short, was founded in 1998 to provide an online platform for flight simulation enthusiasts to enjoy their hobby in a simulated real-world environment, in company of other people, flying or providing Air Traffic Control services.

- Our community already has hundreds of thousands of members from around the world
- We create and supply the software you need to connect to the network
- We provide comprehensive training allowing you to develop your skills
- All our services are free and always will be



DOCUMENTATION LIBRARY

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Controller First Steps

CONTROLLER FIRST STEPS

This tutorial will show you the steps required to join IVAO as a virtual Air Traffic Controller (ATC). It is meant to give you a short overview about the tools used, and some very basic instructions how to “behave” in this new environment.

If you have not yet done so, you will need to join IVAO to create your personal user account.

Note that this is required only once, and valid for both a controller and pilot career!

More specifically, we will show you how to...

- Download, install and set up the required software
- Add and load a sector file for your favourite airport
- Connect to the IVAO Network (“IVAN”)
- Set up an ATIS
- Obtain further information and training

DOWNLOAD IVAC

The first thing you need to do is download our ATC client, IvAc, which will allow you to connect to the network. This can be downloaded from the [Software Development Pages](#).

IVAO ATC CLIENT

[Home](#) / [Software](#) / [IvAc](#)



Controller First Steps

DOWNLOAD IVAC

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NETWORK ACTIVITY

Current connections on our global network of servers and the peak concurrent connections for the last 24 hours.

603



82



807




IVAO ATC CLIENT

Home / Software / IvAc

The IVAO ATC Client, known as IvAc, is a stand-alone program specifically developed for IVAO, based on the real radars of Belgocontrol, Eurocontrol and Amsterdam Radar, which allows you to control on the network.

IvAc is a feature-rich application that provides an extensive set of tool for positions ranging from delivery to centre controllers. This free software client allows you to keep in touch and coordinate with our online pilots.

The successor of IvAc 1 is under development. IvAc 1 will only receive maintenance updates. Read more about the what our new program will be like on the SoftDev blog.



DOWNLOADS

- IvAc - IVAO virtual ATC client
- IvAc - Sectorfile Testing Utility
- IvAc - Sectorfile Circle Generator

[Documentation](#) [Download](#)

Once you have downloaded the program, you should run the executable file and install the program.



Enter the details in the connection window:

Controller First Steps

As a controller here on IVAO, you will use your IvAc screen to “see” the online traffic, and use voice or text to communicate with them. Below you can see an example of what your IvAc screen will look like.

The screenshot displays the IvAc software interface. On the left is a list of ATC controllers with columns for call sign, name, and frequency. The main area is a radar map showing flight paths and aircraft positions. A red box highlights a specific aircraft on the radar with the following details:

- BER786M U
- F310C130
- M456 IRMASA
- EDDM B738

Below the radar is a communication panel (COMMBBox) with tabs for 133.330, METAR, GUARD, ATC, BROADCAST, and MSG. A large red box highlights the ATC tab, which contains a large red number '3'. Below this is a text input field containing 'BER786M'.

At the bottom of the interface is a traffic display table:

EDDM	F310	AIR BERLIN	LFMN	IRMAR UN853 MOBLO UZ662 KORED UN871 DEGES Z6 NUNRI T103 BEMKI
I	B738 M		17:25	2999 KPT Y100 MERSI
5416	(EDDM)	BER786M	130	0

A red box highlights the '130' value in the table.

TRAINING

If you would like to extend your understanding with regards to virtual ATC, you may find it beneficial to request a training session from your local division's training department. This can be done via the training section of your division website (see previous paragraph for the link setup).

The IVAO Books have concentrated the most important knowledge you should have for your virtual ATC career. Expand your knowledge!

AND FINALLY...

Have fun! This is an incredibly addictive hobby. As soon as you start doing ATC online, you will never go back to offline ATC simulations and will wonder why you didn't do it sooner!
