

ICE Cubes OOTB Software Release Notes

ICE Cubes

Title : ICE Cubes OOTB Software Release Notes

Abstract : These release notes describe the V1.0.0 of the ICE Cubes out-of-the-box (OOTB) software.

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**International Commercial
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1 General

The purpose of the out-of-the-box (OOTB) software is to provide a Cube owner the tools to act as a User Home Base (UHB) of the ICE Cubes Mission Control Centre (ICMCC) and therefore to access the functionalities offered by the ICMCC to the UHB to control its Experiment Cube.

This document is the release notes for the OOTB software. The OOT software is a package composed of several components. The release notes lists the system requirements, the components versions and the open issues.

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2 System Requirements

2.1 Software requirements

The ICE Cubes OOTB software package requisites the following minimum configuration:

- OS: Windows 7/10, Linux Ubuntu 12/Suse 11/RH 6, Mac OS 10.9
- OS: 64 bits
- Java 8 - 64 bits
- HDD capacity: 200 GB
- RAM capacity: 500 MB
- Internet connection

2.2 Hardware Requirements

To establish the VPN connection to the ICMCC, two factor of authentication are required. Thus prior to connect the VPN, a Cube user shall request a smart card token to the ICMCC that will delivered in the form of a USB token preconfigured for the requested user.

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3 Components Version

The out of the box software package is available in three versions, for the operating systems Windows, Linux and MacOS.

This section lists the components, their versions, sorted by operating system.

3.1 Windows components

| Comment | Component | Version | Location |
|-------------------------------------|--------------|---------|--|
| VPN client | OpenVPN | 2.4.3 | Windows-x64/VPN/openvpn-install-2.4.3-l601.exe |
| | OpenSC | 0.17 | Windows-x64/VPN/OpenSC-0.17.0.dmg |
| (S)FTP client | FileZilla | 3.26.2 | Windows-x64/SFTP/FileZilla_3.26.2_win64-setup_bundled2.exe |
| Web browser | Firefox | 54.0.1 | Windows-x64/WebBrowser/Firefox Setup 54.0.1.exe |
| Mission Control System (MCS) client | Yamcs Studio | V1.0.0 | Windows-x64/MCS/yamcs-studio-1.0.0-win32.x86_64.zip |

3.2 Linux components

| Tool | Component | Version | Location |
|-------------------------------------|--------------|---------|--|
| VPN client | OpenVPN | 2.4.3 | linux-x64/VPN/openvpn-2.4.3.tar.gz |
| | OpenSC | 0.17 | linux-x64/VPN/opensc-0.17.0.tar.gz |
| (S)FTP client | FileZilla | 3.26.2 | linux-x64/SFTP/FileZilla_3.26.2_x86_64-linux-gnu.tar.bz2 |
| Web browser | Firefox | 54.0.1 | linux-x64/WebBrowser/firefox-54.0.1.tar.bz2 |
| Mission Control System (MCS) client | Yamcs Studio | V1.0.0 | linux-x64/MCS/yamcs-studio-1.0.0-linux.gtk.x86_64.tar.gz |

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3.3 MacOS components

| Comment | Component | Version | Location |
|-------------------------------------|-------------------------------|----------------|--|
| VPN client | OpenVPN client Tunnelblick | 2.4.3 | macOS/VPN/Tunnelblick_3.7.1b_build_4813.dmg |
| | OpenSC | 0.17 | macOS/VPN/OpenSC-0.17.0.dmg |
| (S)FTP client | FileZilla | 3.26.2 | macOS/SFTP/FileZilla_3.26.2_macosx-x86_setup_bundled.zip |
| Web browser | FireFox | 54.0.1 | macOS/WebBrowser/Firefox 54.0.1.dmg |
| Mission Control System (MCS) client | Yamcs Studio | V1.0.0 | macOS/MCS/yamcs-studio-1.0.0-macosx.cocoa.x86_64.zip |

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4 Bug and features

This section lists the know issues of the components, specifically in the frame of the usage in the ICE Cubes context.

4.1 Fixed bugs

None, first release.

4.2 Open bugs

None