Software

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Microsoft Imagine

> To use this service, you need to own a @deec.uc.pt account!

Microsoft Imagine is a protocol that Microsoft signs with the Departments of Universities that teach disciplines in the STEM (Science, Technology, Engineering and Mathematics) areas that gives FREE access to its students, teachers and employees of the Department to Microsoft tools.

The protocol can be used through a Web based platform. In this way, it is possible for the community to obtain a personal copy of all available software, with a personal account for each user. The software delivery process is automated, freeing those responsible / administrators to essentially manage the painful process of assigning the unique Keys to which each user is entitled to obtain their personal copy of the software. On the part of users, access to the software becomes available uninterruptedly, at any time and in any place, as long as they are registered in the system. The fact that each student has their own personal account gives them full access to “their” software, being able to access their Product Keys at any time or order new software products.

Who has access?

- DEEC students, who attend courses in the current academic year;
- Teachers;
- Contributors;

Microsoft Imagine Accounts

Access to Microsoft Imagine is dependent on the creation of accounts by the management of the DEEC Computer Network (GRI).

For this purpose, the GRI creates the accounts as follows:

- For students, at the beginning of each academic year;
- For teachers and collaborators, when creating the departmental account;

At that moment, each user receives an email, in the institutional email account, automated by the platform, with the initial access instructions to the platform.

Accounts on the Dreamspark platform are independent of departmental accounts, with no connection to DEEC's centralized authentication services. For this reason, they may have a different password.

Platform Access

The username is the institutional email address.

The password is, as already mentioned, generated by Microsoft, and is automatically sent in the initial email.

If you have lost or do not know your password, you can recover it on the Microsoft Imagine authentication page (“Sign In”), using the following options:
“Forgot you password?” - This option sends the user a new password.
The address (URL) for accessing the platform is:

http://web.deec.uc.pt/go/dreamspark

Rules of Use

- The available software can be used in academic projects, classes, research, group work or departmental projects of the faculty;
- Students covered by the protocol will be able to install the software on their personal machines, as long as they are only for their own use and only for academic purposes;
- The use of tools obtained by students under the protocol is authorized, even after leaving or finishing the course, only for academic or research purposes;
- The installation of Microsoft Windows or other operating systems made available, can only be carried out on PCs without a pre-installed system (OEM) for academic purposes and for the student's own use, and the operating system cannot be transferred in case of computer transfer. ;
- The student can save A SINGLE copy of the software provided, when it is provided in the *.ISO format;

Incorret Use

- The use of the tools available for the development of products that are not of academic and / or research scope;
- The installation of the operating systems made available for the use of other software not covered by the protocol that runs on them;
- The use of the software made available for commercial purposes;
- The software provided cannot be rented, sold, transferred or transferred to third parties, whether they are (for example) other departments, other students, companies or consultants;

Microsoft Office 365 Education

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Presentation

Office 365 Education Plus for students is available free of charge to students and employees enrolled at the University of Coimbra.
Install Office on a maximum of 5 PCs or Macs and on other mobile devices, including Android ™, iPad® and Windows tablets.

Enjoy access to Office 365 services, such as 1TB online storage on OneDrive and Yammer.

To make the initial registration, use one of the links below:

- Students (use your address @ students.deec.uc.pt or @ student.uc.pt for registration)
- Teachers (use your address @ deec.uc.pt for registration)

ATTENTION: The Office 365 system is independent, so it uses its own username + password set, which are not the same as DEEC.

What's Included?

Complete applications installed

Create reports and presentations with the latest versions of the applications you know so well and trust. It includes Word, Excel, PowerPoint, OneNote, Outlook, Publisher and Access.

Easy real-time collaboration

Work with your colleagues online and see each other's changes in real time with Office Online and OneDrive. The time for exchanging emails with outdated versions is a thing of the past.

Optimized note-taking tools

Type or write notes by hand, capture web pages, record audio / video, embed spreadsheets and more with OneNote, available on all your devices

Software JMP

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The JMP Software is available to the entire academic community, a program designed to support activities in statistics and data science, from the planning of experiences to the visualization and analysis of large volumes of information, predictive analytics, Quality engineering, reliability and maintenance.

As a result of an agreement between Social Action Services and the University of Coimbra, the software is made available by the technicians responsible for the computer service of the various Organic Units / Faculties.

Please select the operating system to install:

Windows

Macintosh

Software in the Labs

To support teaching activities, DEEC has a set of laboratories equipped with work stations. On these computers, a set of software called Base Software is installed, which is installed on all. In addition, other software is also installed, specific to the activities of each laboratory at each moment and the subjects taught there.
On this page, you can consult at all times which base software is installed in all laboratories and which software is installed in each laboratory.
In case it is necessary, teachers can request the installation of additional software in the laboratories, through the Helpdesk service. At the beginning of each semester, orders must be placed with additional advance, since they are times with high requests.

Base Software

Windows

Software	Function	License
7Zip	(Des)Compressing File	Freeware
Adobe Reader	Viewing PDF files	Freeware
CDBurner XP	Burning Optical Disks	Freeware
CutePDF	Generation of PDF Files	Freeware
ESET Nod32	Anti-virues	Comercial
Google Chrome	Web Browser	Freeware
Java JRE	Runtime Java	Freeware
Mozilla Firefox	Browser Web	Freeware
Microsoft Office	Office Productivity	Comercial
Notepad++	Editing text files	Freeware

Putty	SSH Client	Freeware
WinSCP	Browser Ficheiros SFTP/SSH	Freeware
VLC Media Player	Media Player	Freeware

Linux

Software	Function	License
Geany	Editing text files	Freeware
GCC	Software Compiler C/C++	Freeware

Aditional Software

LAI 1

LAI1, located at Tower T, Floor 6, has the following specific software installed:

Software	Function	License
QT Creator	Integrated Development Environment	Freeware
Matlab	High-level language for engineering	Comercial
MySQL Workbench	Database management	Freeware
Visual Studio Professional	Development environment	Comercial

LAI 3

LAI3, located in Tower S, Floor 4, has the following specific software installed:

Software	Function	License
Kinect for Windows	API for Kinect systems	Comercial (protocol Matlab TAH)
Labview	Development of commercial measurement and control systems	Comercial
Matlab	high-level language for commercial engineering	Comercial (license Matlab TAH)
MySQL Workbench	Database management	Freeware

Softkinetic API	API for SofKinetic systems	Freeware
Codeblocks	Development environment	Freeware
Visual Studio Professional	Development environment	Comercial (licenseMicrosoft Dreamspark)

LSRC

LSRC, located at Tower R, Floor 6, has the following specific software installed:

Software	Function	License
Matlab	high-level language for commercial engineering	Comercial
Quartus II Web Edition	Design of FPGA and CPLD	Freeware
Riverbed	Simulation of data networks	Freeware

LSD

LSD, located at Tower R, Floor 6, has the following specific software installed:

Software	Function	License
Matlab	high-level language for commercial engineering	Comercial
Quartus II Web Edition	Design of FPGA and CPLD	Freeware
Visual Studio Professional	Development environment	Comercial (licenciamento Microsoft Dreamspark)
Codeblocks	Development environment	Freeware
MySQL Workbench	Database management	Freeware

LPDS

LPDS, located at Tower S, Floor 5, has the following specific software installed:

Software	Function	License
Matlab	high-level language for commercial engineering	Comercial

Blender	3D Modeling Program	Freeware
QT Creator	Integrated Development Environment	Freeware
Eclipse	Development platform	Freeware
Codeblocks	Development environment	Freeware
Labview	Development of measurement and control systems	Comercial
MySQL Workbench	Database management	Freeware
Visual Studio Profissional	Development environment	Comercial (license Microsoft Dreamspark)

LMI

LMI, located in Tower S, Floor 5, has the following specific software installed:

Software	Function	License
Matlab	high-level engineering language	Comercial
Visual Studio Profissional	Development environment	Comercial (licenciamento Microsoft Dreamspark)
MySQL Workbench	Database management	Freeware
Codeblocks	Development environment	Freeware
Labview	Development of measurement and control systems	Comercial

LT

LT, located at Tower S, Floor 6, has the following specific software installed:

Software	Function	License
Matlab	high-level engineering language	Comercial
Wireshark (c/WinPcap)	Protocol analysis tool	Freeware
Riverbed	Simulation of data networks	Freeware

LC

LC, located in Tower S, Floor 3, has the following specific software installed:

Software	Função	Licença
Matlab	high-level engineering language	Comercial
MySQL Workbench	Database management	Freeware
Visual Studio Profissional	Development environment	Comercial (license Microsoft Dreamspark)

LH

LH, located at Tower S, Floor 6, has the following specific software installed:

Software	Function	License
Matlab	high-level engineering language	Comercial
Labview	Development of measurement and control systems	Comercial
MySQL Workbench	Database management	Freeware
Visual Studio Profissional	Development environment	Comercial (license Microsoft Dreamspark)
Codeblocks	Development environment	Freeware

Desktop Virtualization (VDS) @ LAI3

> To use this service you need a @deec.uc.pt account!

Introduction

The first step will be to open the Lubuntu "Start" menu, select "Internet" and open the "Citrix Receiver":
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The software will start.

Then, click on “Accept”
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You must enter the following server address: vds.deec.uc.pt
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You must complete your DEEC credentials
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Authentication to the VDS system is now complete.

Click on the “+” to add access to the Virtual Desktop:
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Go to "All Apps" and select "Windows 8/10":
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Click on the icon and the Virtual Desktop with Windows 8 will start.
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Wait a moment for the working session to become available.

Matlab Faculty & Researchers

> To use this service you need a @deec.uc.pt or @uc.pt account!

1. Create a MathWorks account (If you already have a MathWorks account you can skip this step)

• Go to http://www.mathworks.com and click on *“Log in”.*

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• Click on “Create Account”.

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• You must use your institutional email (@ deec.uc.pt or @ uc.pt) and select the option “Academic Use”.

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• At this point, you can finish creating your MathWorks account.

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2. Associate the MathWorks account with the license

• After logging into your MathWorks account, go to “My Account” and click on “View My Licenses”.

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• Click on the “Add License” button

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• Select the “Activation Key” option and click “Continue”.

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• Enter the Activation Key: 18583-36985-43947-39097-18102 and click on “Continue”.

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3. Download and / or install the Software

You can download the software from the Mathworks website (method b), however we suggest and recommend that you choose to install it directly or download it from the local BOX server (method a), the process being much faster, since it only uses the local network.

METHOD A - INSTALLATION OVER THE LOCAL NETWORK (RECOMMENDED)

- Windows
- Linux
- macOS

METHOD B - TRANSFER VIA THE MATHWORKS WEBSITE (ALTERNATIVE)

a. When the license is activated in your MathWorks account, go to:

http://www.mathworks.com/downloads/web_downloads/select_release

Alternatively, you can download the software from the address ...
• Select the version of the software you want to install.
• Select the platform:
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• You can then download the installer of the desired version and platform.

b. When the download is complete, **run the installation file.**

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• Read and accept the terms of the license agreement:

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• Enter your MathWorks account email address and password:

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• Choose the newly activated license and click “Next”.
• Choose the installation folder.

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• Select the products to install.

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• Choose additional shortcut options and click “install”

c. When the installation process is finished, it is necessary to activate the software.

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You can now use your copy of MATLAB.

MATLAB Students

> To use this service you need a @student.uc.pt account

1. Create a MathWorks account (If you already have a MathWorks account you can skip this step)

• Go to http://www.mathworks.com and click on *“Log in”.*

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• Click on “Create Account”.

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• You must use your institutional email (@student.deec.uc.pt) and select the option “Academic Use”.

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• At this point, you can finish creating your MathWorks account.

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2. Associate the MathWorks account with the license

• After logging into your MathWorks account, go to “My Account” and click on “View My Licenses”.

• Click on the “Add License” button

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• Select the “Activation Key” option and click “Continue”.

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• Enter the Activation Key: **16700-37878-73264-69266-93873** and click on “Continue”.

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3. Download and / or install the Software

You can download the software from the Mathworks website (method b), however we suggest and recommend that you choose to install it directly or download it from the local BOX server (method a), the process being much faster, since it only uses the local network.

METHOD A - INSTALLATION OVER THE LOCAL NETWORK (RECOMMENDED)

- Windows
- Linux
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METHOD B - TRANSFER VIA THE MATHWORKS WEBSITE (ALTERNATIVE)

a. When the license is activated in your MathWorks account, go to:

http://www.mathworks.com/downloads/web_downloads/select_release

Alternatively, you can download the software from the address ...
• Select the version of the software you want to install.

• Select the platform:

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• You can then download the installer of the desired version and platform.

b. When the download is complete, **run the installation file.**

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• Read and accept the terms of the license agreement:

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• Enter your MathWorks account email address and password:

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• Choose the newly activated license and click “Next”.
• Choose the installation folder.

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• Select the products to install.

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• Choose additional shortcut options and click “install”

c. When the installation process is finished, it is necessary to activate the software.

• You can now use your copy of MATLAB.

Matlab software renewal and reactivation process

1. Open MATLAB (If the license has already expired the activation client will launch and you can skip the next step)
2. Navigate to Help Menu and select Licensing
3. Click on Activate Software
4. Choose to Activate using Internet
5. Once reactivated you will need to restart MATLAB before the new license file is recognized If the installation has already expired, you will be prompted to activate when attempting to launch MATLAB. As long as the activation finishes successfully it will roll over to the new license file once the old one expires. You might continue to see the expiration warning in MATLAB until the old file expires."

Labview and Multisim Installation

DEEC has a licensed Labview and Multisim software for students and staff:

> **Before using the software, you must register your account with NI, using the site:** https://lumen.ni.com/nicif/us/header_create/content.xhtml?action=create&du=https://www.ni.com/myni/dashboard/

> You must use your institutional e-mail for his step (ucXXXXXXXXX@student.uc.pt)

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To access this software:

- Download the software at https://installers.deec.uc.pt/labview_multisim/labview_multisim.zip
- Extract the file and install the software:

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- In the next steps click "next" and accept all the license agreements that will appear :

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- Choose the software that you will need to install and click "next":

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- In the next steps click "next" and accept all the license agreements that will appear :

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- Confirm that the chosen software is correct:

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- Accept that NI Update Service checks for updates:

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- Login using the account you created:

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- Choose "Enter a serial number":

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- Enter the serial number, from the file "LABVIEW SERIAL" inside the downloaded zip file, and click "Activate":

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