

# USING WIRELESS LAN at the JLU

The IT Service Centre of the JLU (HRZ) operates several wireless LAN networks. It strongly recommends using the **Eduroam Network** which provides the highest security standards and a convenient handling. Not only does it allow you to access the internet at JLU and the University of Applied Science (THM), many other universities also participate in the eduroam network. It can be used by students, staff and guest of the JLU, whose home institute participates. To access, you need a valid HRZ-code and your net password:



## User Identification: “s- / g-code” and net password

For many electronic systems at the JLU, you need an *user identification* also called “**s-code**” (= “s-Kennung” / “HRZ-Kennung”). It starts with an “s” followed by another letter and four numbers. If you are an employee, you need to apply for a g-code (= “g-Kennung”) instead. Together with the net password, you need the s- or g-code to use wireless LAN.

## How to get an user identification:

After enrolling at the JLU, students automatically get an account and user identification handed out by the Registrar’s Office. Employees of the JLU need to fill in an *Application for Attendants* (= “Benutzungsantrag für Bedienstete”:

<http://www.uni-giessen.de/cms/fbz/svc/hrz/svc/ident/account/Mitarb-inst-Form.pdf>) at the IT Service Center and – after approval – receive their “g”-code. Non-enrolled students have to elaborate in an *Application for External Users* (“Beutzungsantrag für Externe”:

<http://www.uni-giessen.de/cms/fbz/svc/hrz/svc/ident/account/Externe-Form.pdf>) why an ID is necessary and how long they need to use it.

## Wireless LAN installation

The procedure of connecting your computer to wireless LAN depends on the operating system of your computer (e.g. Windows 7, Mac OS X, or Linux) as well as additional wireless LAN software that might be installed. If you use Windows, it is sufficient to install the programme “SecureW2”, which is free of charge. The HRZ offers an installation kit for this programme that includes the necessary configurations. Therefore, the installation of your wireless LAN access to the university network is very simple and accomplished with a few clicks<sup>1</sup>.

GGL is providing an installation manual in English for **Windows**. If you need it for Mac or Linux, please contact the IT Service Center (see last page). German instruction can be found here:

Linux: <https://www.uni-giessen.de/cms/fbz/svc/hrz/svc/netz/campus/wlan/eduroam/files/Linux%20-%20Netzwerk%20Manager>

Mac: <https://www.uni-giessen.de/cms/fbz/svc/hrz/svc/netz/campus/wlan/eduroam/files/SecureW2%20JoinNow%20-%20Mac%20OS>

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<sup>1</sup> There are a number of smartphones that include a wireless LAN-adaptor and can therefore connect to the eduroam wireless LAN.

# INSTALLATION Manual for SecureW2 Client (Windows)

With the current version of SecureW2 Enterprise Clients, it is possible to install it by a web-based installation kit (JoinNow technology). A prerequisite for a web-based installation is that a current version of Java has already been installed and enabled in your browser (<https://www.java.com/de/download/>). If Java isn't available, JLU provides an executable file (WiFi\_University\_of\_Giessen\_Wrapper.exe) to download during the installation process (see page 5). To install the SecureW2 Clients, you have to execute this file. The following versions of Windows are supported by the SecureW2Client: **Windows 8, 7, Vista, XP**<sup>2</sup>.

## Connect to WLAN ugifula

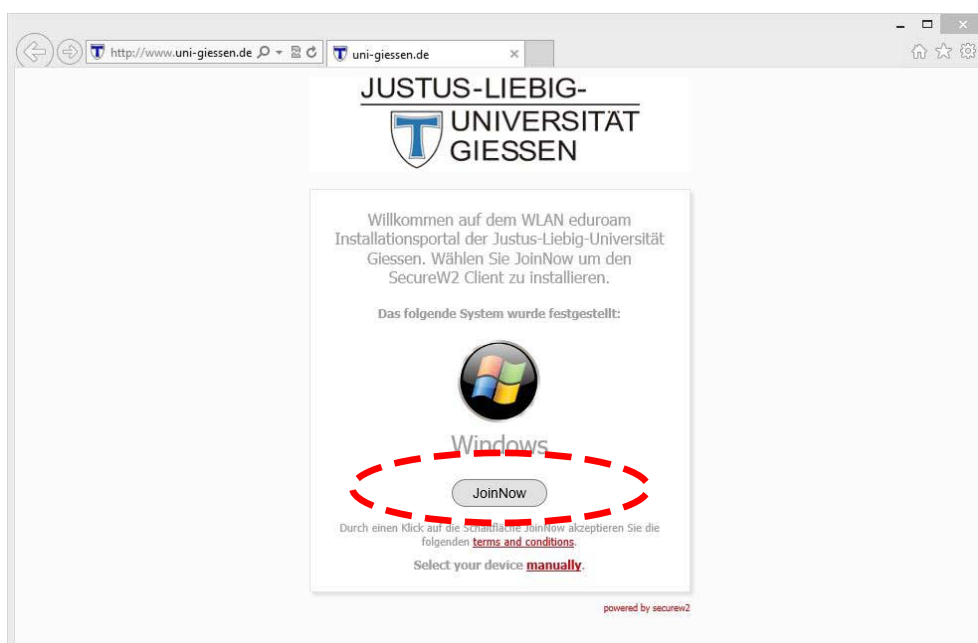
For eduroam-“incapable”, older sets, WLAN ugifula is available.

Please see: <http://www.uni-giessen.de/cms/fbz/svc/hrz/svc/netz/campus/wlan/ugifula> (in German).

## Start the installation kit

Open a browser and enter the following link: <http://joinnow.uni-giessen.de>

Choose **JoinNow** at the website. The installation kit gets started.

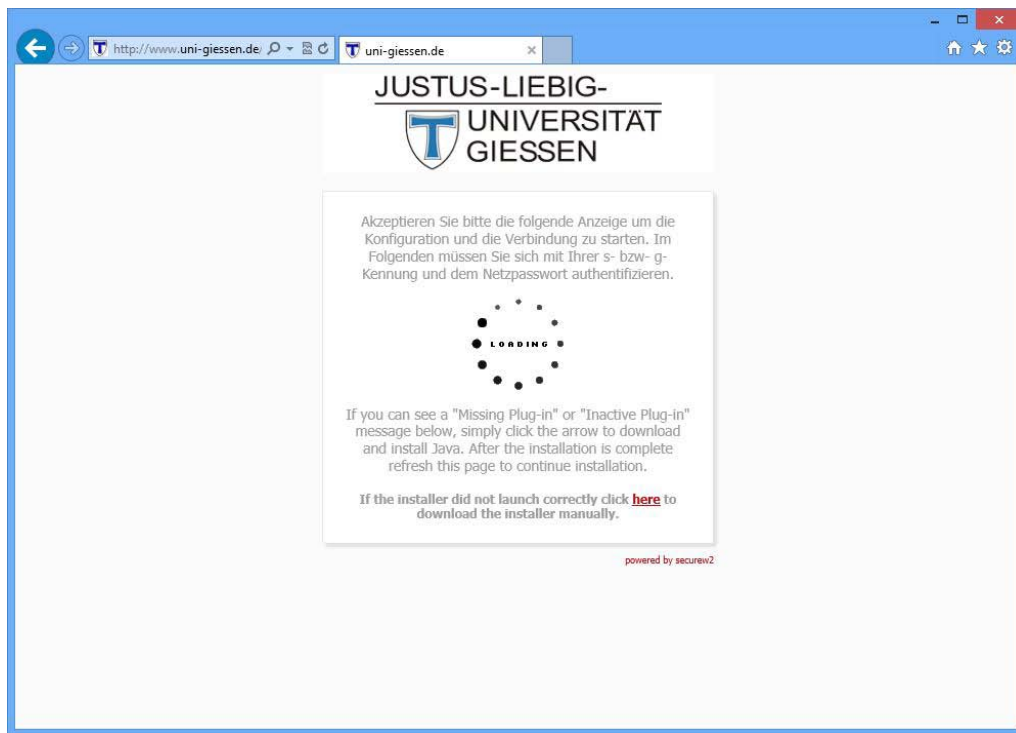


## Make sure that you have installed Java and enabled it in your browser.

After the selection of **JoinNow**, the installation kit starts.

<sup>2</sup> Please note that the IT Service Centre does NOT support Windows XP any longer. It may still work to install the client though. For the Windows XP Service Pack 2, the two Hotfixes Microsoft Hotfix 893357 (WPA2 Update) and Microsoft Hotfix 917021 (Wireless Client Upgrade) need to be installed (also see <http://www.uni-giessen.de/cms/fbz/svc/hrz/svc/netz/campus/wlan/eduroam/win>, in German). For the Windows XP Service Pack 3, these Hotfixes are not necessary. For Windows 7, 8 and Vista, they aren't necessary either.

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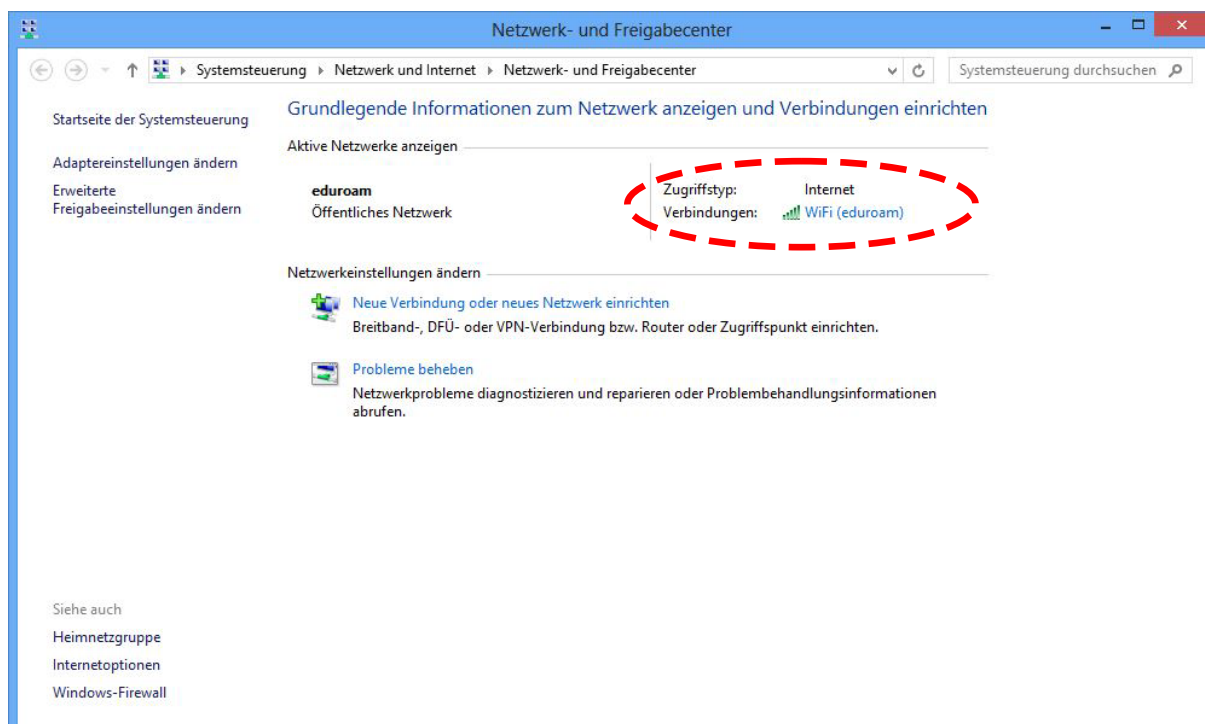
If Windows is asking whether you like to install the software, click **Ja** (= Yes) (the question may vary according to your Windows version. However, confirm the message).

Now, SecureW2 Client gets installed on your system. Please enter your g- respectively- s-code and the related net password <Ihr Netzpassword> and choose **Next**.

After successful installation, the installation screen says „Joined...“. Confirm by clicking on „**Done**“.

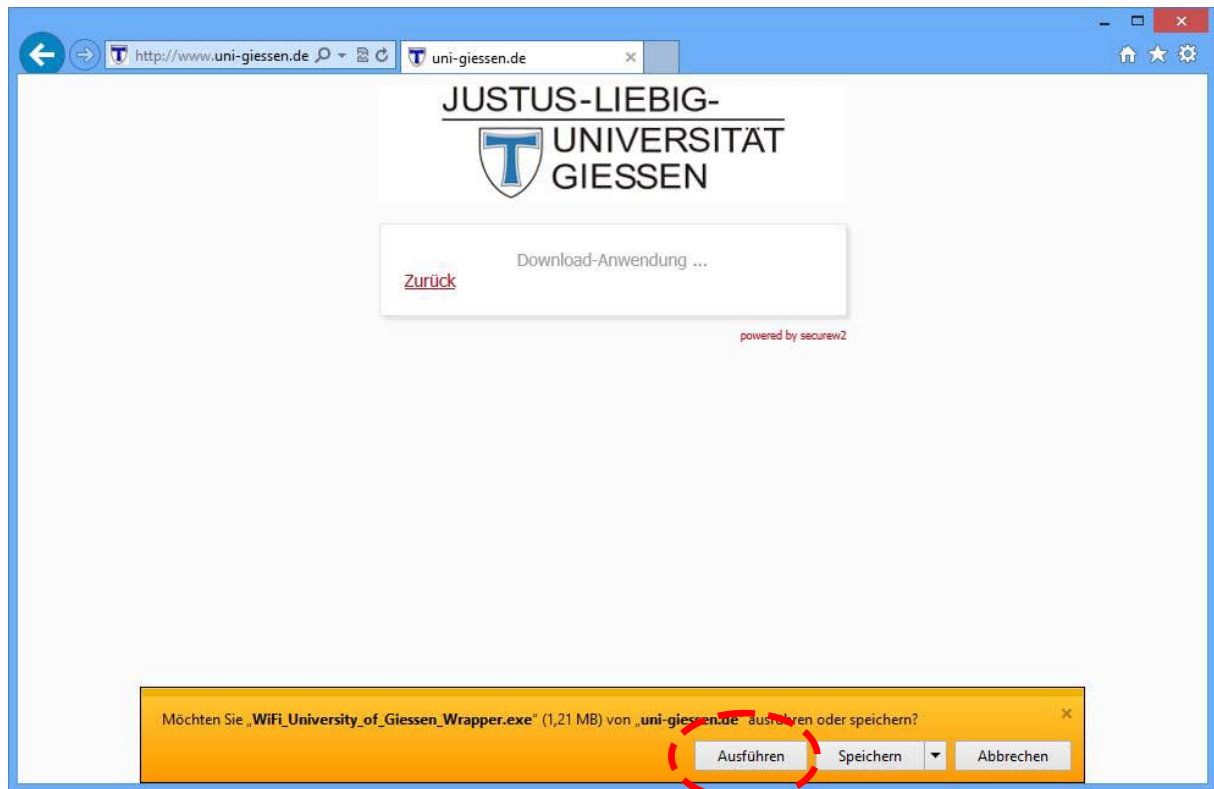


You are connected with **WLAN eduroam** (you may check within network and enable centre).



## You have NOT installed Java

If you didn't install and enable Java in your browser, you will be offered the download of an installation file (WiFi\_University\_of\_Giessen\_Wrapper.exe)



Download the file and choose *Ausführen* (= execute). The security check of Windows shows that the installation file cannot be verified by Windows. You may ignore this message. Choose *Ausführen* (= execute) again to start the installation of SecureW2 Client.

Should you receive the response that a connection to Windows Smart Screen is not possible, choose *Trotzdem ausführen* (= execute anyways) in this case.

If Windows is asking if you like to install the software, click *Ja* (= Yes) (the question may vary according to your Windows version. However, confirm the message).

Now, SecureW2 Client gets installed on your system. Please enter your g- or s-code and the related net password and choose *Next*.

JoinNow MultiOS by SecureW2

JUSTUS-LIEBIG-  
UNIVERSITÄT  
GIESSEN

eduroam

g- bzw. s-Kennung

Netzpasswort

☐ Show Password

CONFIGURE | AUTHENTICATE | JOINED

[Help](#) Next Cancel

After successful installation, the installation screen says „Joined...“.  
Confirm by clicking on „Done“.

JoinNow MultiOS by SecureW2

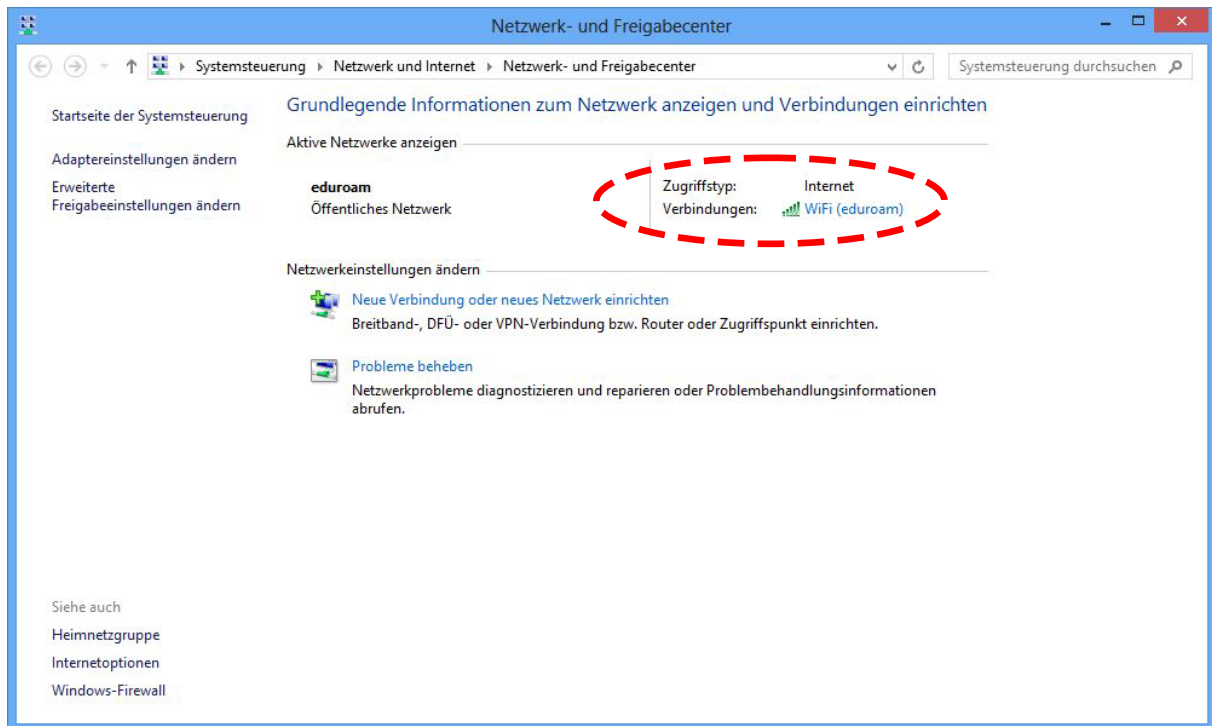
JUSTUS-LIEBIG-  
UNIVERSITÄT  
GIESSEN

Joined...

CONFIGURE | AUTHENTICATE | JOINED

[Help](#) Done

You are connected with **WLAN eduroam** (you can check within network and enable centre).



## Problems concerning the SecureW2 Client

For installations on other operating systems, please consider

<http://www.uni-giessen.de/cms/fbz/svc/hrz/svc/netz/campus/wlan/eduroam> (in German) or apply to the Helpdesk (Mo – Fr 9.00 a.m. – 3.00 p.m.) at the IT Service-Centre, Phone: 0641 – 99 13 101, [operat@hrz.uni-giessen.de](mailto:operat@hrz.uni-giessen.de).

For general concerns, contact 0641 – 99 13 100 or [netz-dl@hrz.uni-giessen.de](mailto:netz-dl@hrz.uni-giessen.de).

## Where to find WLAN hot spots?

WLAN is available on many access points at the campus, currently 802<sup>3</sup>. Libraries, cafeterias, auditoriums and classrooms are equipped with it. Within buildings, an area of 15 – 20 meters around an access point is provided. Please find an overview of available hot spots (at Life Sciences, Humane Sciences, Economics and Law, University Centre, Veterinary Medicine, Armoury, Sports and others) via the following link:

<https://www.uni-giessen.de/cms/fbz/svc/hrz/svc/netz/campus/wlan/abdeckung/hotspotlist/>

For WLAN access points in the area of the University Hospital and Medical Preclinics (FB 11) (at University Paediatric Clinic, AKAD, Anatomy, Biochemistry), please consult:

[https://www.uni-giessen.de/cms/fbz/svc/hrz/svc/netz/campus/wlan/abdeckung/eduroam\\_akad](https://www.uni-giessen.de/cms/fbz/svc/hrz/svc/netz/campus/wlan/abdeckung/eduroam_akad)

For further details (e.g. how to access the internet from your student apartment), please visit the *Set Up Brochure*: <http://www.uni-giessen.de/cms/faculties/svc/it/setup/brochure>

<sup>3</sup> Retrieved July 2014.