



RESTENA

Réseau Téléinformatique de l'Education Nationale et de la Recherche

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Press Release

More than 17 million connections to eduroam across Luxembourg in 2014 - a fast-growing mobility service

eduroam, the single sign-on secure network dedicated to the Research and Education Community has doubled its connections across the country in 2014. Since its launch in 2005, this service is managed by the RESTENA Foundation.



In 2013, the national and international number of connections had already surpassed 8 million on the national territory, ***“which was really impressive. The fact that the 17 million mark was broken shows the growing popularity of this service among schools, universities and research institutes in Luxembourg. It is also important to note the high rate of connections from Luxembourg users abroad, amounting to 700,000 in 2014. These excellent figures can be partially attributed to the increase of the ‘Bring Your Own Device’ phenomenon and the proliferation of mobile devices”***, explains Dr Cynthia Wagner, Research Engineer at the RESTENA Foundation.

Thanks to a network of more than 60 hotspots [spread throughout](#) the country, eduroam is accessible from most schools and institutions as well as from the city centres of both Luxembourg and Esch-sur-Alzette. It enables users from this community to connect to the Internet for free in a secure and fast way whenever they are travelling in Luxembourg or abroad, provided that their host institution is an eduroam partner. Developed by a partnership of research networks, this service is available in more than 50 countries and regions, including Europe, Canada, Australia, Japan and the United States. There are more than 15,000 hotspots worldwide. ***“The strength of eduroam is not only its international dimension but also its ease of use. The users always use the same username and password regardless of their location”***, adds Dr Wagner.

A further strength of the service is its strong emphasis on security and data protection. ***“We never ask a user to identify himself on a web page, which might be vulnerable or even compromised. Technically, eduroam is an infrastructure based on 802.1X standard technology, an encrypted authentication solution that provides an extra layer of security”***

against 'man in the middle' attack types", concludes Stefan Winter, Research Engineer and responsible for the eduroam service at the RESTENA Foundation.

For more information about eduroam Luxembourg, please visit: www.eduroam.lu, and for eduroam international, please go to: www.eduroam.org

About the RESTENA Foundation:

RESTENA is the very high-speed network for the education and research community of the Grand Duchy of Luxembourg. Operational since 1989 and connected to the global Internet in 1992, today, the network is deployed and operated by the RESTENA Foundation which brings together all types of research and teaching bodies, as well as the ministries for education, research and of finance

The primary objective is to provide network services for all public and private institutions involved in the field of education, research and administration, providing them with cutting-edge solutions for their communication needs. Today, more than four hundred institutions rely on the network and hosting services available.

The Foundation also co-ordinates Internet resources nationally, by managing the registry for .LU domain names and by actively participating in the operation of the neutral platform for the exchange of Internet traffic LU-CIX.

About eduroam:

eduroam (**education roaming**) is the secure, world-wide roaming access service developed for the international research and education community. eduroam allows students, researchers and staff from participating institutions to obtain Internet connectivity across campus and when visiting other participating institutions by simply using their mobile devices. eduroam Luxembourg is managed by RESTENA Foundation.

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