QLINK.IT PRIVACY POLICY (11/13/2014)

Qlink.it is a web based company that provides a free service for encrypting information and storing that encrypted information in a server until it is requested for the first time or expires.

I - Detailed description of a complete Qlink.it process

When a user requests the web qlink.it, it downloads a form where to fill a message and/or attach a file, and also a Java script to encrypt a message in his/her device. After the user has entered a message and/or attached a file, the script encrypts the information using a random key seeded by the user's device entropy. We call this key the red key.

Once the information has been encrypted with the red key, the encrypted information is sent to the qlink.it server, but not the red key.

Once at the server, the encrypted message is encrypted again with what we call the blue key and stored in a R*edis* database that has been modified to enhance its security features. The blue key is returned to the user.

At the user's device, the script uses the red and blue key to create a special internet link in the form https://qlink.it/AAA/bluekey#redkey . Where 'AAA' represents a special string for internal use, and the *bluekey* and *redkey* are the corresponding blue and red keys, respectively. This special link is what we call a *qlink*.

The user can send this *qlink* to any person using any communication service at will. This communication service is ignored by Qlink.it and has no relation to it.

Once this *qlink* is received by the recipient, he or she can click in the *qlink* to retrieve the original message. Due to the special form of the *qlink*, when it is clicked it sends through the internet all the characters until the hash symbol #, but not the following characters. Therefore, the red key is not sent to the server. Once the server receives the corresponding request, it looks for the encrypted message using the blue key to locate it and partially decrypt it, and then returns the still-encrypted message to who did the request. At that moment the message is secure-deleted from the server. (If the encrypted message is not requested before its expiration date, then is also secure-deleted from the server.)

Together with the encrypted message is sent a Java script to decrypt the message at the recipient's device using the red key which is possessed by the recipient of the *qlink*. At that level the message is decrypted and shown in the recipients' device.

Notice that if any of the users is using the original Qlink.it APP, then its working is similar, but instead the APP does all the work of a browser.

The above detailed mechanism has the following consequences:

1. Only who has the complete qlink can read the content of the decrypted message

2. The server never has access to the decrypted information since it never has the red key.

3. If the recipient can read the message after clicking the *qlink*, the he/she will know that the message was not intercepted. On the other hand, if any person, robot or whatever, clicks the qlink before the intended recipient, then the recipient can tell that the message was intercepted and eventually read.

4. After the content of a *qlink* has been read, there are no traces of the information anywhere but in the screen of the recipient. Who can save the information and/or download an attached file to his/her device at will.

5. However, neither the recipient can demonstrate the the sender has sent him/her the given information, nor the sender can demonstrate that he/she sent the recipient the given information. In the users

devices remain only *qlinks* with no content in them.

II – User's information recorded by Qlink.it

Qlink.it has no access neither to the sender or the recipient's identity, since it is an open web service. It only has access to their IP. For statistic purposes, Qlink.it could occasionally keep the first two numbers of the IPs, but never the complete IP.

All the information related to the messages is secure-deleted from the server, either when requested for the first time or when expires as stated at the moment of creation.

III – Third parties

Qlink.it does not share any information related to its users to any third party.

IV – Disclaimer on security

Qlink.it warns users that it does not exist any web service that can assure a 100% secure transmission of information through the web. We take security at maximum and make all efforts in our reach to make Qlink.it as secure as possible, but, as previously warned, we cannot assure a 100% secure transmission of the information, nor that the working of the Qlink.it mechanism may not fail due to possible situations not taken into consideration. In particular, if the *qlink* is intercepted its information can be read, but the recipient will notice it after clicking the *qlink*.

We warn the user that if any web service claims 100% of security then it should not be taken seriously.

V – Disclaimer on contents

Qlink.it is not responsible for the information transmitted using the Qlink.it mechanism. Qlink.it does not create the content of the messages and has no access to it, therefore who opens a *qlink* should be aware that its content is complete responsibility of who created the *qlink*.

VI – Disclaimer on the operational service

We have described the intended Qlink.it operational service, but we warn that all software and/or hardware are subject to possible failures which could yield a possible malfunction of Qlink.it with the eventual loose or modification of the information stored in the server.

Qlink.it hires the server service and cannot be responsible for eventual damage, or any kind of alteration or violation of it.

VII – Cookies

Qlink.it could use cookies with the only purpose of keeping the user's language preference.

VIII – Validity of this policy

The present policy can be changed by Qlink.it by warning it in qlink.it/main during 24hs. The current form can be found in https://qlink.it/corp/docs/privacypolicy.pdf , and each policy will be stamped with the date of issue in its title.

IX – Further requirements

For further requirements the user may send an email to security@qlink.it or a regular letter to Parana 759, Buenos Aires, Argentina.

X – Usage of Qlink.it

Using Qlink.it in any of its forms and/or usages implies the complete acceptance of the present privacy policy.