

## Security of online radon payments



Our online radon measurement payments page is transmitted to the browser using the **Secure Sockets Layer (SSL)** protocol. This is an industry standard method of encrypting sensitive pages, so that details communicated between the client (end user) and server (website) cannot be intercepted by a third party. The encryption used on [www.rpii.ie](http://www.rpii.ie) is High-grade Encryption (128 bit) and this is verified by the security certificate on the site.

The most straightforward way of checking whether a page is secure and encrypted is to look at the address bar of the web browser. The address should be <https://...> as opposed to an unsecured page, which will be <http://...> There also should be a padlock (see image above) which reports that the page is indeed secure and that the SSL certificate for the website is valid. Clicking on this icon will provide you with more details relating to the security provided by the site.

In addition to this, the RPII does not store credit card information on their servers. The credit card information is transmitted securely to the [Realex payment service](#) to authenticate and process the payment.