

Digital Certificates

For many people, website security is paramount. Digital Certificates are an effective way of ensuring the transactions between your site and end users are protected.

What is it?

A digital certificate ensures that all data sent between your website and your customers/users is encrypted.

When a customer connects to a website secured with a digital certificate, they are assured of three things:

- Authentication: The website really is owned by the company that installed the certificate.
- Message privacy: Using a unique 'session key', SSL (Secure Sockets Layer) encrypts all information exchanged between your web server and your customers, such as credit card numbers and other personal data. This ensures that personal information cannot be viewed if it is intercepted by unauthorized parties.
- Message integrity: The data cannot be tampered with over the Internet.

How does it work?

Modica issues its own digital certificates as well as 3 types from GeoTrust:

TrueBusiness ID Certificates - provides end-to-end internet security protection for doing business online. The validation process is fairly rigorous and includes GeoTrust making contact with the organisation and asking some questions.

QuickSSL Certificates - A low-priced 256-bit SSL certificate delivered to you in 10 minutes! The validation process is more relaxed and basically revolves around checking the request with the listed registrant of the domain to which the certificate will apply.

QuickSSL Premium Certificates - The validation process is the same as for a the standard certificate with some key additional features:

- Warranty increased from US\$10,000 to US\$100,000
- Adds compatibility with popular mobile devices and smartphones
- Available with a dynamic seal stating transaction is secure. Displays real-time date/timestamp.

Modica Certificates - For customers who need to be able to communicate securely with their website but who will not be extending this ability to the general public, a Modica issued certificate may be appropriate. In this instance Modica acts as a certificate authority and issues a 128 bit digital certificate in the same way as GeoTrust or Verisign.

The certificate will need to be installed in the browsers of those people who are to use the secured site and this provides a very cost-effective alternative to the more expensive publicly recognized certificates.

Is it right for me?

Customers are becoming increasingly aware of the advantages of SSL security and will often not purchase online from non-secure stores. All major web merchants use SSL security backed by strong warranties to encourage customers to buy online. Using OneSquared digital certificate services will provide confidence in the integrity and security of your online business and network infrastructure.