# **SSL** Certificates

#### SSL & You

Secure Socket Layer (SSL) is a standard that encrypts the data passing between the website server and the client. The most common instances of this are log in screens and forms/surveys where items like a driver's license numbers are being entered. This is accomplished through the purchase of a certificate from a Certificate Authority (CA). This works through a "web of trust". Company A trusts company B. You buy a certificate from B, therefore A trusts you as well as every other company that A & B trust.

#### Standard Single Domain SSL

- If you need to encrypt information for only one Web address, visioninternet.com for example, use the single SSL. This means (1) site, (1) domain, (1) server and anything beyond this should use the UCC or Wildcard certificates .These certs also cover both the http://www.visioninternet.com and http://visioninternet.com.

## **Extended Validation Single Domain SSL**

- Exactly the same as a standard in what it covers. The EV will add these:
  - Green in the address bar (green bar or issuance name, see below)
  - Website owner's company name in the address bar
  - Padlock in the address bar
  - Organization information in the certificate details

This all adds up to the EV simply adding a much more visible signal to the site visitor that SSL is in use and their transactions are encrypted. This is beneficial to organizations such as banks and credit unions or utility sites where that assurance is very helpful.

#### Unified Communications SSL (SANS UCC)

– Four domains are included in the base price of the UC certificate, but additional names can be purchased. These use Subject Alternative Names to secure up to 25 domains, sites, and subdomains with one certificate. For example, with a UC certificate you can secure

- www.example.com
- www.example2.com
- www.example3.net
- mail.example.net
- dev.example2.com

## Single Domains with Unlimited Sub Domains (Wildcard) SSL

- With a wildcard, you can request the certificate for \*.visioninternet.com to secure subdomains such as photos.visioninternet.com, blog.visioninternet.com,

email.visioninternet.com, and more. These are also useable on multiple servers if you have some subsites on different servers.

This differs from the Unified Communications type in the fact that the covered sub-domains are unlimited instead of the limit of 25 domains and/or subdomains for a UCC.



## SSL Certificate Pricing

We buy our certificates through DigiCert (https://www.digicert.com) and do not mark up the price they charge Vision. You are welcome to purchase a certificate from any company and supply us with it to be installed.

Vision installation fees are \$100.00 for a new install and \$50.00 each renewal whether we purchase the certificate or it is supplied by client.

The standard and Unified Communications offer the Extended Validation option. This will be noted as {\$XXX.XX}

#### Standard SSL

One Year - \$175.00 {\$295.00} Two Year - \$315.00 {\$469.00} Three Year - \$419.00 {N/A}

## Unified Communications (Multi Domain/Subsites) SSL

One Year - \$299.00 {\$489.00} Two Year - \$538.00 {\$779.00} Three Year - \$719.00 {N/A}

## Wildcard (Unlimited Domain/Subsites) SSL

One Year - \$595.00 {N/A} Two Year - \$1070.00 {N/A} Three Year - \$1425.00 {N/A}