

VALIDY WEB BUSINESS

PATENTED

- Do you really know the users who access your web applications or contents?
Is your information really secured?
These are the questions you might want to ask.

Nowadays, publishing contents or putting sensitive applications online presents considerable risks if no appropriate protection is implemented to protect them.

The Validy Web Business solution has no equivalent in the market. It stems from a 10-year expertise and know-how in computer security and network protection.

Validy Web Business enables to put online contents or a web application in complete security. Only authorized users holders of a valid **USB key** or smart card are able to access the services. Validy Web Business relies on:

- strong authentication of the users, who do not have to memorize a login and a password that is often easy to find for hackers,
- encryption of all data travelling on the Internet, without the use of SSL,
- user friendliness, thanks to the automatic launch of the browser and connection to a preprogrammed URL.

Validy Web Business is a highly integrated solution that allows for simple and fast deployment.

■ Fast set-up and deployment

Validy Web Business is a client/server software solution that uses symmetric encryption keys. It is not based on a Public Key Infrastructure with a trusted third party. It requires no additional hardware or specific development. On the client side, setting up Validy Web Business only requires installing the Validy software and connecting an USB key or a smart card reader. The PC is then able to access protected contents. On the server side, Validy Web Business is installed and set up in less than half an hour, on IIS and Apache web servers, under Windows or Linux. The customization software that comes with the package enables to electrically program the smart cards.

Protecting new or existing contents is extremely simple, it can be done by selecting the directories to be protected, or by inserting in each page to be protected a line of code corresponding to the page category.

■ Highly secure solution

A secret symmetric key is loaded into the USB key during customization. For a protected page or object, the server transmits encrypted data, which can be decrypted only by the client it is meant for, using the key contained in his card. This is downstream encryption.

Validy Web Business may be set up to encrypt upstream data, so as to securely transmit sensitive information within the URL or the body of the request, and to authenticate in an absolutely certain manner the client who has submitted the request. The keys used for upstream encryption combine random numbers generated by the server and the client with the encryption key stored in the USB key. A system manages the expiration and verification of used keys

and prevents an intercepted request from being replayed or modified. The encryption methods used rely on triple DES for key derivation and AES with 128-bit keys for data encryption, and are therefore extremely secure.

The solution against
identity Theft

The protection of your
Web contents

The Guaranty of your
SAAS Business Model

- strong authentication,
- Bi-directional encryption
- simple to install and deploy
- competitive cost of acquisition, no recurrent cost



Imagine your business.™



www.validy.com

Use

After having installed Validy Web Business Client[®] the user surfs the Internet by launching Internet Explorer or Mozilla. When he wishes to browse pages protected by Validy Web Business[®], he simply connects his USB key or inserts his smart card in the reader.

Validy Web Business[®] variants

Validy Web Cluster[®] secures the access to several web sites. The same card can be used to access the protected parts of several web sites gathered in a cluster of services.

Options

Validy Web Portal[®] brings user friendliness thanks to the automatic launch of the browser and connection to a preprogrammed URL.

Validy Web Use[®] enables to deduct points for each page served. The value of a page is defined at site level.

USB key & Smart card readers

A range of USB key and smart card readers has been qualified to work with Validy Web Business Client[®].

■ Validy Web Business Server[®], kit contents:

- an installation CD-ROM and a documentation for IIS and Apache, under Windows or Linux.

■ Validy Web Business Customizer[®], kit contents:

- an administration USB key,
- an installation CD-ROM and a documentation.

■ Validy Web Business Client[®], for the end user, kit contents:

- an USB key,
 - Client software can be downloaded from the Validy web site: www.validy.com
- operating system:
Windows XP, Vista, Windows 7.



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