



# VU Certificate<sup>®</sup>

## ► What is it?

It is a digital certificate management platform on the cloud that makes it easy to configure and issue notifications when they are about to expire.

## ► Benefits



It unifies certificate systems, allowing users to upload or retrieve them from the URL.



It includes notifications that prevent the interruption of services by expiration of certificates.

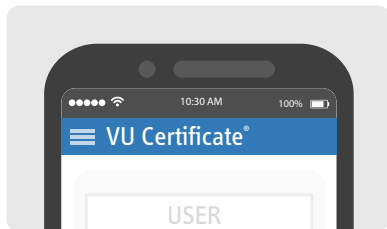


It has a responsive web system with drag & drop functionality.



It allows to classify the certificates and assign them responsables and functionalities, among others.

## ► Differentials



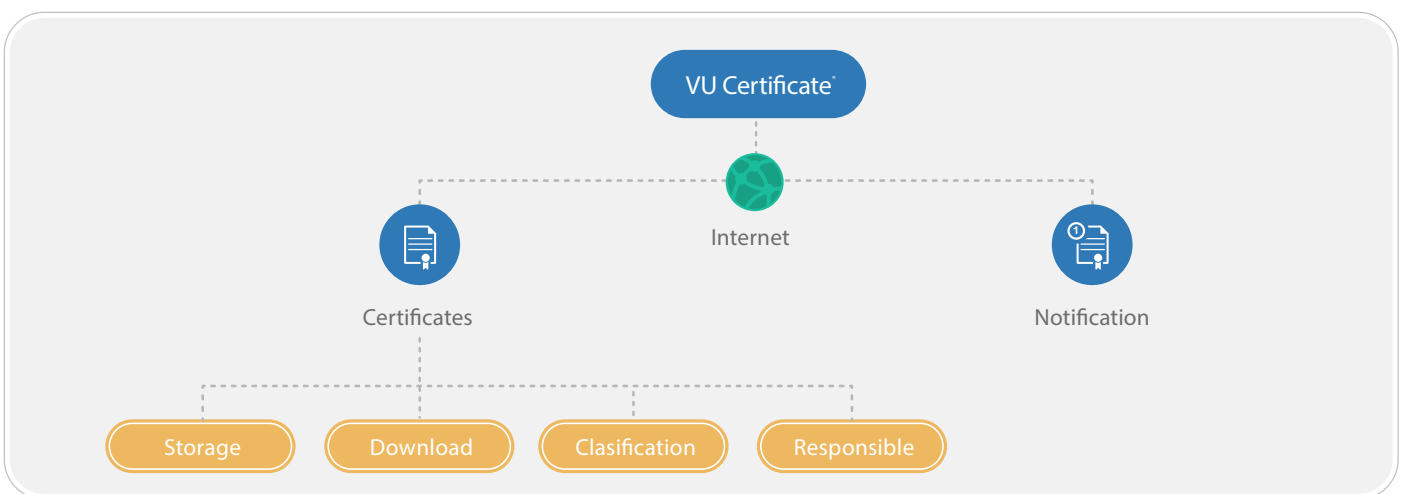
- It enables the management of SSL, PKI, PCKS12 and even self-signed certificates, from a single point.
- It allows users to export the information.
- It provides secure storage of copies and detailed information of certificates.

# VU Certificate®

## About VU Certificate®

It is a platform that manages the digital certificates on the cloud easing its creation and notifications' configuration when they are about to expire.

It unifies certificate systems: they can be uploaded or downloaded directly from the URL. It has a responsive web system with drag&drop features. It includes notifications to prevent the services being interrupted for certificates' expiration. The certificates can be classified, and have functions and appointees assigned to them, among other features. It also enables the management of SSL, PKI, PCKS12 certificates and even auto signed from a single point.



## Software requirements and compatibility

### Operating System

Debian 7 or higher  
 Ubuntu 14.04 or higher  
 Red Hat RHEL 6 or higher  
 Suse 10 or higher  
 Solaris 10 x86  
 Solaris 10 Sparc  
 Windows 2008 R2 or higher

### Databases

MySQL 5.6 or higher  
 PostgreSQL 9 or higher  
 Oracle 10 or higher  
 MS SQL 2008 or higher  
 MS SQL 5.6 or higher  
 MariaDB 5.5 or higher  
 DB2

### Virtualization

VMWare  
 Citrix  
 Microsoft Hyper-V  
 RHEV  
 Virtual Box  
 Docker

### High Availability

HA Proxy  
 KEEPALIVE  
 REPMGR  
 DRBD

### Browsers

Firefox  
 Internet Explorer 10 or higher  
 Google Chrome  
 Apple Safari

### Technologies

Java 1.7 or higher

### Security

RSA / SHA1 / 3DES / AES 256  
 Security Certificates  
 EAP-PEAP-MSCHAP v2  
 TimeStamp  
 HOTP/OCRA/TOTP/HMAC

### Web Server

Apache 2  
 Nginx  
 IIS  
 Weblogic  
 Jboss  
 Tomcat  
 WebSphere

<b>Integrations</b> WS-I Basic Profile 2.0 SOAP 1.1 or higher WSDL 1.1 / WS-Security WSI XML Schema 1.0 TSL 2.0	<b>Access Management</b> Radius Cisco ACS 4.2 or higher FreeRadius Active Directory Samba Cisco ISE	<b>Register &amp; Report Management</b> Crystal Reports Syslog Nagios	<b>Mobile OS</b> iOS, Android, Windows Phone, HTML5, USSD SMS, Push Notification
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**Hardware Sizing\***

	Primary Instance		Secondary Instance		
Number of users	Processor	Memory	Processor	Memory	Storage required
1 to 1,000	4 processing threads	2 GB RAM	4 processing threads	2 GB RAM	60 GB - HD
1,000 to 5,000	8 processing threads	4 GB RAM	8 processing threads	4 GB RAM	120 GB - HD
5,000 to 10,000	16 processing threads	8 GB RAM	16 processing threads	8 GB RAM	240 GB - HD
100,000 to 250,000	32 processing threads	16 GB RAM	32 processing threads	16 GB RAM	480 GB - HD

\* The present sizing estimation assumes a high availability setup.

