

Certificate Services

SECURE AND SIMPLE

It can be quite hard and time consuming for a company to setup and maintain their own PKI-environment, without compromising on security. Certificate Services can be seen as a hosted solution where CGI handles the entire infrastructure, and all the maintenance work that is needed to provide a secure and sustainable solution.

Certificate Services is a certificate service that contains of one basic service and a number of add-on services and was developed to meet the following criteria:

- Easy to use, no need for customer to understand certificates and smart cards
- Simple administration
- A complete solution, at the same time flexible and easy to adjust to the customer's unique environment

GET THE RIGHT CERTIFICATES

Certificates come in a variety of different shapes; and for this CGI offers a range of different alternatives to choose from, including certificates for computers, users, servers and VPN-connections. The certificates are developed for internal use and every company is head of their own section of the service.

Certificate Services is a turnkey solution where all parts such as certificates, smart cards, middleware and administration tools can be delivered and supported by the same source. The fact that CGI handles the complete system reduces both the deployment time and the costs.

Two administration tools are included, one for smart card administration, if that add-on is selected, and one for certificate administration. The latter one includes e.g. monthly status reports that help monitor the service.

GET THEM AUTOMATICALLY

Certificate Services also offers auto-enrollment of certificates for both users and computers. This is an add-on feature that provides automatic installation and updating of certificates. This is often preferred on secure networks with require a valid certificate for users and/or computers. Which users and computers that are in need of certificates and what level of access they should receive is controlled through groups in the customer's Active Directory.

For network equipment to be able to verify certificates a RADIUS-service is needed. If such a service is not already available at your company we can provide that as well.



CERTIFICATE SERVICES

- Easy and secure access to certificates
- Makes it easy for companies to start taking advantage of certificates
- Secure and reliable from day one – CGI handles the security for you
- Short deployment time by using existing certificate platform
- Reduce total cost of ownership by deploying and managing certificates from a single vendor

SOLUTION WITH SMART CARD

Smart cards can be used to enhance the security in a company by providing strong authentication for employees or B2B partners. Certificate Services offers a complete lifecycle management for certificates stored on smart cards as an add-on feature, which makes it easy for companies to start using them in their organization.

One of the big challenges with smart cards is when users forget, lose or accidentally lock their cards. We have developed a solution where a colleague can help you to make enquiry to authorize personnel to unlock card or receive a temporary one. It is possible to adapt the workflow for your needs. This does not only increase the usability of the application but also the overall security.

MULTIPLE USAGES FOR SMART CARDS

To maximize the usage of the smart cards you can include other services, which perhaps already exists in your organization, such as adding the functionality of a passing card or print picture and personnel information to the card's exterior and use them as a business identity card. It is also possible to add a magnetic strip or create a solution with a USB memory stick.

In the beginning of an arrangement we will look through your needs and recommend which smart card format would be most suitable. We will also help you with recommendations if you want some sort of wireless technology for entrance added to the smart card.

SIMPLE SMART CARD ADMINISTRATION

To simplify the process when a problem occurs with a user's smart card the administration tool verifies the card and suggests the steps that it believes the administrator wants to perform. If the card is locked the administrator will be transferred to the unlock procedure, if the certificate on the card is about to expire the program suggest to renew it. If the smart card is revoked the program will tell you.

The fact that the administration tool is easy to use makes it possible to assign the task to the personnel most suitable in your company. The reception or the watch post in the company entrance is often the place you go to if you have forgot your passing card or key and now you can also move this function over there to get all support gathered in one location.

ABOUT CGI

Founded in 1976, CGI is a global IT and business process services provider delivering high-quality business consulting, systems integration and outsourcing services. With 72,000 professionals in 40 countries, CGI has an industry-leading track record of on-time, on-budget projects, aligning our teams with clients' business strategies to achieve top-to-bottom line results.

For more information about CGI, visit www.cgi.com or email us at info@cgi.com.