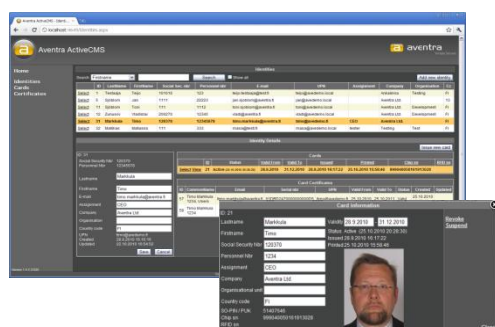


# ActiveCMS



## *Flexible and cost-effective card management system*

Managing tokens and their users is simple with Aventura's ActiveCMS. Yet it can adapt to virtually any kind of need because it is highly scalable and fully configurable. The intuitive browser interface of ActiveCMS lets the operators carry out all user and token management tasks with minimal training.

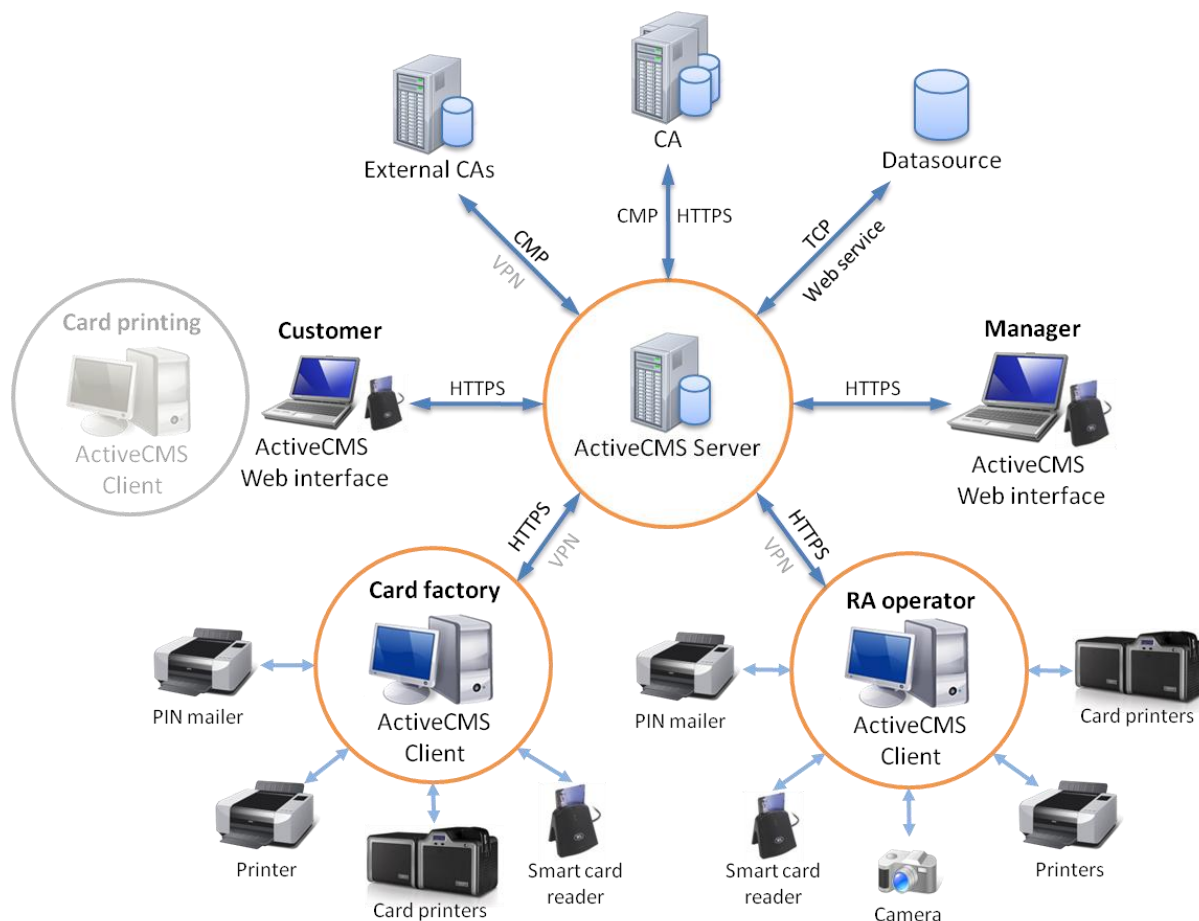


ActiveCMS integrates to the existing infrastructure and is compatible with leading databases, token personalisation peripherals, and services like Certificate Authorities. It can handle multiple organisations, as well as complicated authorisation processes. Full smart card personalisation is included. Personalisation can be done centrally, or it can be distributed to any number of locations.

Security is of paramount importance in a card management system. ActiveCMS can authenticate the operators using PKI cards. All actions can be logged with operator information. Critical operations can be set to require authorisation by a digital signature.

## ActiveCMS Server

ActiveCMS consists of an ActiveCMS Server and a number of clients. The server handles all communication between the system and external services like CA systems and other data sources. It also communicates with the clients using secure HTTPS protocol. The modular structure of ActiveCMS Server enables it to be integrated easily to all kinds of existing infrastructures. ActiveCMS Server can support an unlimited number of organisations in separate databases, which makes it suitable for providing card management services to small organisations.

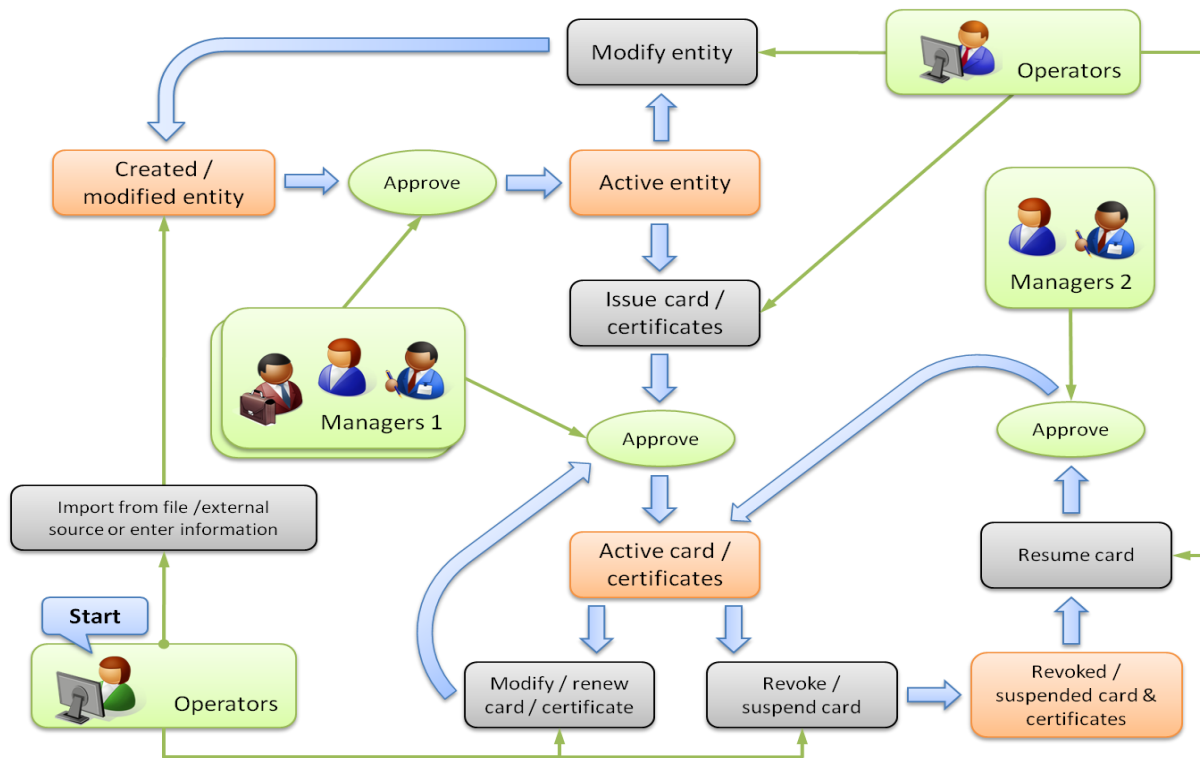


## ActiveCMS clients

Two kinds of interfaces exist in ActiveCMS system for operators: ActiveCMS Web Interface is all that is needed for basic user and token management operations. Local card personalisation, data capture, and connection to local databases and services can be achieved with ActiveCMS Client.

ActiveCMS Web Interface only needs a web browser to connect to the system. It connects the operator via the ActiveCMS Server to a defined and configurable database holding the user and token related data. The lifecycles and authorisation processes of the users and tokens can be fully configured in the database. ActiveCMS Web Interface is well suited for sites where there is no need to produce hard tokens.

ActiveCMS Client is a modular, very powerful tool for controlling smart card production and related data capture. It can be configured to implement e. g. an RA service point in a PKI infrastructure, or a centralised card production facility. ActiveCMS Client is based on Aventra's ActivePerso Manager smart card personalisation system. It is compatible with common card printers, smart card readers, PIN mailer printers, cameras etc. It can also connect to leading CA and database products.



### Configuring and using ActiveCMS

Thanks to its modular structure, ActiveCMS can easily be configured to implement the desired workflow. The heart of the ActiveCMS Server and Client consists of an engine and a large collection of software modules, or plug-ins. There are over 70 different plug-ins for tasks such as connecting to a CA service or controlling a peripheral like a smart card reader, digital camera, or a card printer. The desired functionality is achieved by configuring and connecting the necessary plug-ins together to form the needed work flow. New plug-ins can be developed for proprietary needs.

### Technical details

#### Supported operating systems

- Windows Server 2003 and 2008
- Windows XP
- Windows Vista
- Windows 7

#### About Aventura Ltd.

*Aventura is a high tech company specialising in information security products and services. We are focusing especially on Public Key Infrastructure technologies. Most of our products are developed in house.*

*Aventura offers a complete portfolio of card products ranging from simple plastic cards to high security smart cards and tokens. Our most recent product line features security solutions for mobile applications. We also provide complete services and systems for issuing and managing cards and secure tokens, including card printers and materials.*

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