



AVENTRA
SIMPLY SECURE

OUR PRODUCTS
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Active Process Manager (APM)

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Your trusted system for access management and token production

Introduction

Personalising a PKI or access control card is a complex task. Data must be gathered from multiple sources via different protocols, securely processed, and then stored or printed on the card. At the same time, new information generated in the workflow has to be updated across several destinations. The process also requires controlling numerous peripherals simultaneously. All of this must be achieved with maximum efficiency, uncompromised security, and ease of use.

APM simplifies this challenge. Its innovative software architecture enables seamless integration into virtually any environment and can be configured to meet specific business logic and personalisation requirements.

Active Process Manager (APM)

Active Process Manager (APM) is an innovative solution for automating security-related processes. With APM, companies can streamline ID issuance, key management, and other identity and security-related tasks.

APM is both versatile and powerful. It handles visual and electronic IDs and flexibly combines photography, printing, and encoding. Its modular architecture allows tailored configurations to fit different business logics, while extensive integration options ensure seamless connection with existing systems.

APM's intuitive interface and automation capabilities further enhance efficiency by reducing manual work and simplifying operations.



Advanced security

Active Process Manager is used by organisations with a need for top-level security in the industrial, financial, healthcare, aviation, and governmental sectors.



Effective and secure processes

The system combines photography, electronic ID creation, and printing to speed up the process and reduce human errors.



Reduced costs

APM's self-service option saves costs especially in large organisations, like educational institutions.



Customisable protection

APM adapts flexibly to each organisation's specific security requirements.



Less training

The system improves security and reduces training needs, while enhancing overall efficiency by streamlining daily operations.



Unified access control

With APM, users can create tags for multiple access control management systems.

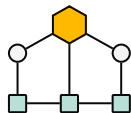
APM has versatile features for encoding PKI smart cards and access control tokens like MIFARE® DESFire®. In addition, APM's integration capabilities enable user data collection from external sources, including Aventura's ActiveCMS.

Struggling with token management?



Creating and managing credentials is challenging

In many organisations, the process of creating and managing credentials is still time-consuming and manual. This can lead to errors and security issues.



Automation as a solution

APM offers a solution by automating complex processes and combining them with clear, user-friendly functions tailored to the specific needs of your organisation. APM handles the technology behind credential management for you.



Integration and expansion opportunities

APM works in conjunction with ActiveCMS or as a standalone solution, and it can be seamlessly integrated into your organisation's existing systems. APM is also suitable for automating other security processes, such as key management.



A simple and secure process

The end result is a fully automated and secure credential management process that saves time and reduces the risk of errors.

Technical Features

- Innovative plug-in-based architecture.
- Can be integrated with web services, databases, and Active Directory.
- Configured using graphical user interface.
- No need for complex and hard-to-maintain configuration files.
- Can be combined with Aventura's ActiveCMS.

More usage scenarios

APM is not only a card personalisation solution. It is also a toolkit and an automation platform for building automation workflows for various security related tasks. The workflows are designed using graphical user interface, in low-code style. Examples include cryptographic key management, HSM management and automated processing and integration between security-related systems. APM is a powerful link to web-based solutions, where access to physical devices and security tokens is needed. APM can work as a web service with API REST API add-on and process simultaneous requests from either Aventura's Active Remote Control (ARC) software or 3rd party solutions.

APM is also available for self-service kiosks. In the self-service mode, APM can for example fully control self-service ID card issuance, including photography and card printing, and integrate it to data sources in the back-end.

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