



AMC - Citizen Multiservice Application

Reference Afnor XP P99-508

A standard for accessing services beyond transport through smartcards and mobile phones

Why a standard?

Standards bring many benefits:

- to build new open and sustainable systems' architectures,
- to develop a consistent and secure service offer,
- to ensure the compatibility and integration of the different components of the systems,
- to free communities from proprietary systems that are hard and expensive to maintain.

Contactless smartcards and mobile-phones have become standard means for accessing services.

The Citizen Multiservice Application (AMC) facilitates our lives by using a single medium for accessing everyday life services.

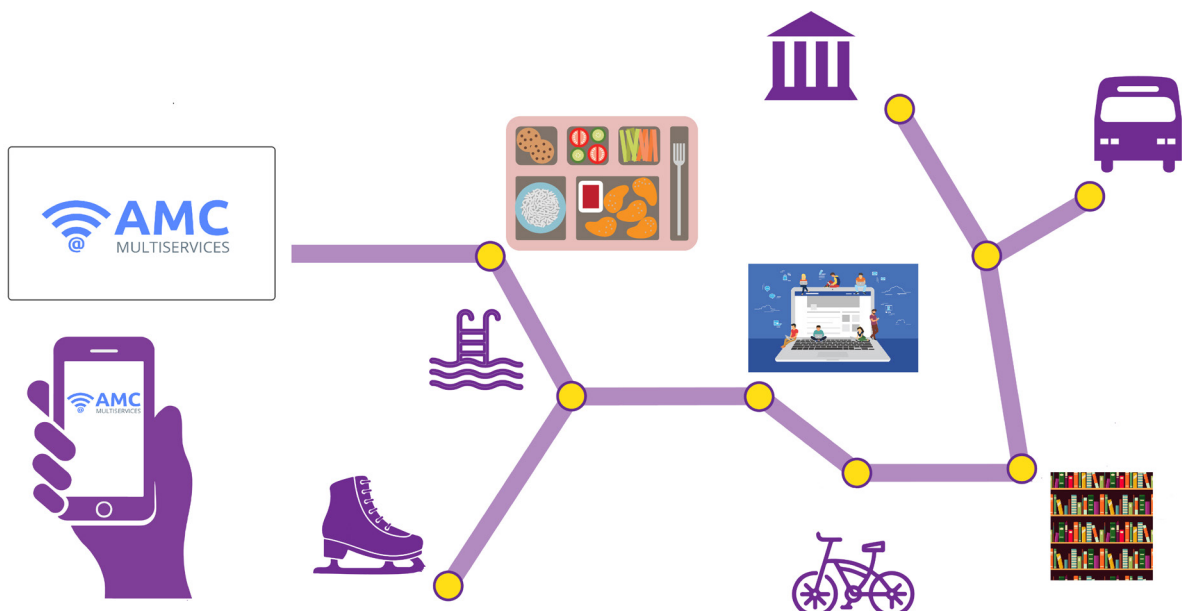
The AMC is a technical specification for the management of multiple services on a single medium (contactless smartcards, mobile phones...).

In compliance with privacy regulations, it provides access to public and education services and guarantees the protection of access data. It can also be used for private services.

The fields covered include:

School and extracurricular activities,
Access to sports and leisure centres,
Travel and parking,
Culture and tourism,
Loyalty programs in shops,
Access control

This standard was drafted by a working group of ADCET that includes both public and private stakeholders. It is available on the AFNOR website (<https://www.afnor.org/en/>) under reference XP P99-508.



ADCET members 11/12/2019

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Current status.

Since its publication in 2016, the standard has been growing steadily: Rennes Métropole and the Brittany Region, the Paris region, Bordeaux Métropole, Lille Metropolitan Area, Greater Lyon, the Normandy region, Amiens Métropole, Evreux, Greater Poitiers, the Basque country and Greater Avignon have launched projects that translate in hundreds of thousands of smartcards.

The first adopters issued cards featuring three complementary services: local ticketing, interoperable Hoplink ticketing and AMC.

All services are thus accessible using the same media. Users of public services will have in their hands a medium that facilitates access to public transport and computers will be able to use their transport card to access other services.

The AMC manages unique identifiers enabling access to different services.

Leading manufacturers and service providers implement the standard and offer compatible products: contactless smartcard manufacturers, terminal suppliers, integrators, service providers. The list is available and updated on the Adcet website: www.adcet.org.

The role of ADCET

ADCET, a not-for-profit organisation founded in 2005, brings together public and private stakeholders to develop and promote digital technology to provide services for city services beyond transport.

ADCET initiated the standard and now contributes to its development by ensuring its promotion and its governance. One of the main goals is to establish the prerequisites for using the standard globally.

ADCET controls the cryptographic keys that ensure the security of the standard. It holds a register of agreed issuers of the standard, products and services providers that comply with this standard.

ADCET organizes training seminars and offers certification and support services.

Common AMC and specific AMC

There are two versions of the AMC: the common AMC for which cryptographic keys are kept by ADCET and common to all the issuers of this version of the AMC (what simplifies the implementation of the project), and the specific AMC for which the cryptographic keys must be generated by the issuer of the AMC.



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