

# Issy-les-Moulineaux - France

## Issy Media

Unisys – Activcard – Oberthur – Axalto – Microsoft -  
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# AGENDA

- 1. Context of eID citizen cards in France
- 2. Pilot description
- 3. The next steps

# Context of eID Citizen Cards in France

- **February 2004 - Launching of the ADELE program**

- An ambitious national plan to modernize the state infrastructure and the relationships between the citizen and the administration. The program encompasses about 140 different projects and initiatives that cover different issues in the eGovernment framework. Smart cards are a priority in this new national scheme. There are several smart card schemes under preparations.

- **Three main Citizen Card projects:**

- CNIE
- CAP
- CVQ

**CONCLUSION** : Issy les Moulineaux makes the link between french and european level for card experimentation in participating to CVQ and eEpoch project.

# Pilot Description

- **Targets:**

- A demonstration of the proof of concept for interoperable secure smart-card based systems in implementing two pilot phases addressing several main challenges in terms of service definition and technological architecture.
- An implementation of a 2 phase strategy to first develop the new services based on existing citizen cards and then to converge to PKI cards new services during phase 2.

- **First pilot:**

- It started in April 2003 – Implementation of a SIM card dedicated to providing services to citizen and enabling micro payment for street parking. This first trial was focused on a first panel of 500 users. In the future, a new PKI certificate, WIM certificate could be carried on the SIM card, offering the possibility to wireless electronic signature and secured transactional process.

# Pilot Description

- **Second phase:** “Carte de Vie Quotidienne” – CVQ project. It aims
  - To deliver services concerning the activities of the Ludotheque using a secured smart card, including two certificates for identification and digital signature.
  - To improve, by this way, the quality of the service delivered by the Ludotheque of Issy-Les-Moulineaux.
  - To deploy a PKI and to integrate eEpoch recommendations
  - To prove the capability of the deployed architecture to be interoperable with some other eEpoch pilote sites like Bologna and Sheffield.
  - To be innovative in the matter of deployment and administration of card management IT system (mutualisation, and outsourcing).
- During the pilot phase, this “City Card” or “Carte Ville” will provide a complete access to cultural services in the city based on java card architecture. This core offer could be extended to other services and to the neighbouring cities. The objective of the project is to deploy multi-services card and to develop a new market for the local authorities in France.
- We will help this deployment scheme as the e-Epoch pilot supported by the European Commission will be closely analysed and could be retained as best practice for France by the French Ministry for State Reform and the Prime Minister Office.

# Pilot Description

## ISSY Demonstration

- To identify and authenticate the holder in a transactional context, we are using the smart card technology. It can integrate multiple applications and multiple providers, and can fit into several information systems simultaneously. It is not the only technology to fit these requirements.
- We will carry out into the phase 2, the following aspects:
  - the demonstration of services at a local extent, i.e. to test and evaluate the functioning and the efficiency of the services that are put in place and the organisation behind the smart card and certificate issuing and management. Issy will use smart cards from three different manufacturers.
  - the interoperability e-EPOCH demonstration, based on the same applications, and concentrating on the problems deriving from the use of cultural services of the city of Issy-les-Moulineaux

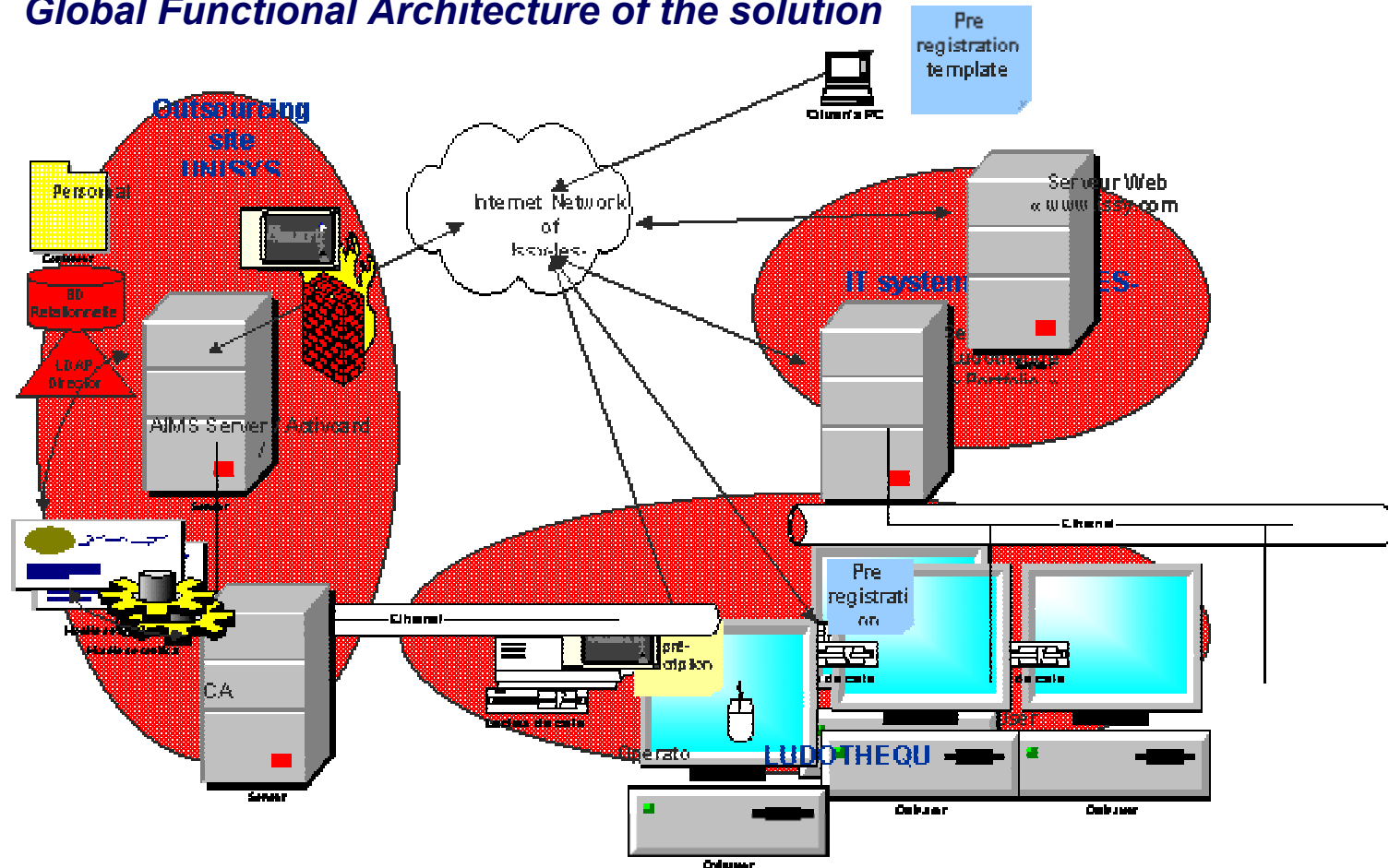
# Pilot Description

## *ISSY Demonstration*

- **The ‘Dailylife Smart card’:**
  - will be multi-application and will include modules for authentication and electronic signature based on PKI certificates, such as described in the Smart-IS AM (IST Project n° 1999-13114) white paper.
  - will test several technologies . They can include contact and contactless smart cards, SIM and WIM cards with PKI certificates, and emerging new technologies.
  - will contain an ID module as defined by the Prime Minister commission for electronic administration (ADAE). This ID module should be common to all public smart cards and included in the future CEC or CNIE (Carte Nationale d’Identité Electronique), the Sesame health card 2 and the Daily Life card that will be running in a next future in France.
- The pilot will be implemented in the frame of the Ludotheque, which is a leisure centre with facilities and game renting. The user will have the possibility to register to ‘VIP events’ provided by the Ludotheque, and will be delivered a CVQ card. This card will permit:
  - to identify the user
  - to check the validity of the registration
  - to allow the loading, from the web site, of the portfolio application
- The user would benefit from the following services:
  - information on events
  - registration to an event

# Pilot Description

## Global Functional Architecture of the solution



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# Pilot Description

- ***IOP Demonstration :***
  - Interoperability will be tested at the European level with other e-Epoch pilots such as Bologna, Sheffield and other. It will be tested at three different levels: certificates, applications and cards as defined in the e-EPOCH IOP specifications.
  - The City Card giving access to cultural services in Issy les-Moulineaux will be signed with not-on-us-cards in on-us and not on us infrastructure. The access and signature of e-services from other pilots will be facilitated via specific infrastructure of Issy.
- The interoperability demonstration will be based on the registration to an event organised by the Ludothèque which implies the use of the card with the following process:
  - - the user will introduce the card compliant with IAS e-Epoch module and register to the event.
  - - IAS module check the validity of the card and process the authentication
  - - If OK, the application process to the registration.
- The card infrastructure in Issy will accept and test the cards specified and implemented according to the e-Epoch specifications

# Next Steps

- *Extension of other perimeters*
- *Extension to other services*
- *Extension to other cities*
- *Results of the eEPoch pilot to be one of the best practices considered in the future eID citizen cards in France*