



Blockchain and the City Challenge Use Case 2 Summary

*Events hosted by La Ruche Industrielle, Lyon, France
17 October Introduction and Workshop
13-15 November Hackathon and Workshop*



Know Your Customer and Distributed Identity

Use Case Context: Subscriptions and cheap rates

The Société Nationale des Chemins de Fer Français (SNCF), the French National Railway Company, is a company close to the French state. As such, SNCF has been entrusted with public service missions. In particular, SNCF must offer special rates to people in need (such as job seekers, asylum seekers, disabled people, etc.) or to the police.

These specific rates are financed by the French administrative regions. They are described in agreements signed between the administrative regions (the state) and the SNCF regions. Indeed, SNCF has duplicated its organization within the state. For each administrative region, a twin organization has been created within SNCF.

In order to have an access to these offers, customers must provide proof or documents proving that they are entitled to this rate. For example: proof that the person lives in the designated area. This kind of proof is delivered by public companies such as EDF or La Poste. By filling out a form and providing these documents, customers receive a card that allows them to buy tickets with special rates.

As an example, following is the list of discounted TER offers on France. From left to right, the columns are The French region; For each region, the specific offers; And for each offer, the eligible people. Each subsequent column represents a document that the customer must produce to benefit from the reduced rate: the "proof."



- Improves the traceability of requests
- Is GDPR compatible
- Offers transparency to the regions
- Facilitates secure data exchanges between the different partners.

Use Case Assets:

Hardware

- Tbf. SNCF will provide some data, specification and hardware as inputs

Digital Assets

- No requirement on blockchain technology
- OS code preferred

Should you have any questions :

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