Abstract

We propose an innovative interface protocol that will allow an access to multiple banks from a single outlet. This will enable a single branch to serve customers of several banks. This will in essence deleverage infrastructure of branch from banking business, allow banks to focus on service and product and not infrastructure, which is not its core competency. Having common branch will drastically reduce the number of branches required for given population and area; this will reduce operational cost of banking by manifolds. Protocol we propose uses dynamic network switching of the multiple networks to allow the common interface to access the API of different participating banks. We propose a scalable model which could harness Cloud computing if the load on the infrastructure is high. We have also given justification for the need of Cost saving for bank branches and potential benefits of implementing the proposed model.

References

New Interface Protocol to Connect Multiple Bank Networks from a Single Outlet

- Vânia Gonçalves, Pieter Ballon, Adding value to the network: Mobile operators&apos; experiments with Software-as-a-Service and Platform-as-a-Service models, Telematics and Informatics, Volume 28, Issue 1, February 2011, Pages 12-21, ISSN 0736-5853.
- Hardin, G (1968), The Tragedy of Commons, M. E. Sharpe.
- BB Stewart, J Thompson (2004), Distributed network communication system which enables multiple network providers to use a common distributed network infrastructure, US Patent 6,732,176.

Index Terms

Computer Science
Networking
Keywords

Infrastructure Protocol  Banking Interface  Low Cost Banking