



**Securing & New Concepts for Banking
Credit and Debit Card Systems**

**Architecture Compliance with Credit &
Debit Transactional Processing**

Version 1.0

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1. REVISION HISTORY

Version	Date	Description	By

2. MANAGEMENT SIGN-OFF

This Requirements Document is a true and accurate summary of the business requirement for the technology systems.

Signature	Date

3. OVERVIEW

Banking is very complicated when banking with different institutions globally and locally. We have to apply for so many cards to allow the use of various vendors which limits us to using and keeping track of various cards.

Let's try converging all of these American Express, Visa, Master Card, Debit, and Credit into a single card and when prompted at a payment station such as a kiosk or Point of Sale System you select which one you want to use on a single card. It is better for the environment, has less plastic, and has many other advantages. If your wallet or purse is stolen or lost call one bank and it cancels everything.

Consumers want banking to be easier to use and more secure and I am sure the banking systems will benefit from implementing something that provides convergence of all of these options into a single card.

POS systems and Online Systems will need to be retrofitted for this new type of standard which will require us to understand how we can improve security for consumers and enhance our protection mechanisms in our banking systems.

Building Blocks for Improvement



**Convergence
of Banking**



**Updating POS /
E-commerce
Sites**



**Retrofitting
older POS
systems to
support**



**Retrofitting
ATM/ABM to
support this
type of
technology**

