Standard Bank Interface 1.0.0

PA-DSS 3.0 Implementation Guide

Version 1.0

Table of Contents

About this Document 3

Revision Information 4

Executive Summary 5

Application Summary 5

Typical Network Implementation 5

CardHolder Dataflow Diagram 5

Difference between PCI Compliance and PA-DSS Validation 5

Considerations for the Implementation of Payment Application in a PCI-Compliant Environment 5

Authentication data 5

CardHolder data 5

Tokenization generation 5

Data encyption/decryption 5

Key management 5

Payment processing 5

Transaction history 5

Logging data 5

Services and Protocols 6

Maintain an Information Security Program 6

Application System Configuration 6

# About this Document

# Revision Information

|  |  |  |
| --- | --- | --- |
| Name | Date | Summary of Changes |
| Taint6 | 02 Oct 2017 | Initialize |
|  |  |  |

# Executive Summary

## Application Summary

|  |  |
| --- | --- |
| Application Name | Standard Bank Interface (SBI) |
| Application Version | 1.0.0 |
| Application Description |  |

## Typical Network Implementation Diagram

## Cardholder Dataflow Diagram

## Difference between PCI Compliance and PA-DSS Validation

PA-DSS Version 3.0 is the standard against which Payment Application has been tested, assessed, and validated.

# Considerations for the Implementation of Payment Application in a PCI-Compliant Environment

## Authentication data

* Permission APIs
* Generate and validate signature

## Cardholder data encryption

* Ecrypt card data
* Store card data

## Tokenization generation

* Generate Token
* Encrypt card data
* Store token
* Store card data

## Key management

## Payment processing

* Get card data
* Process payment
* Store payment information

## Transaction history

* Encrypt card data
* Store transaction history

## Logging data

* Remove sensitive data (token, card data, otp)

# Services and Protocols

SBI does not require the use of any insecure services or protocols. The services and protocols that SBI requires are Secure Sockets Layer (SSL) and Hypertext Transfer Protocol Secure (HTTPS).

# Maintain an Information Security Program

* Update / Reinstall application
* Schedule maintain application

# Application System Configuration

* Sensitive data (user, password, key)