



3SKey

SWIFT Secure Signature Key

Value Proposition

October 2010



Agenda

- Market drivers
- Corporate & bank requirements
- 3SKey solution
- Why for you?

Drivers for digital identity

Major responsibility for the bank

- Securely and legitimately act upon instructions
- Legal entity acts through duly empowered individuals

Additional service to corporates

- Checking signatures' entitlements delegated to bank
- Relying on signatures by each and every individual

Increasingly restrictive legal environment

- E.g. AML, Sarbanes-Oxley, local authorities, central banks
- End-to-end transaction tracking

Demand for more dematerialization

- Archiving, guarantees issuance, financing solutions
- Bank account management

Current Landscape – The Corporate View

We have !!!



- No uniform mechanism
- Different system per bank
- Costly & difficult to maintain

We want



- Multi-Bank
- Multi-Application
- Multi-Network
- Multi-Country

Bank requirements for interoperable solution

Same digital
identity to deal
with multiple
banks

Multi-application
Multi-network
World-wide

PKI-based

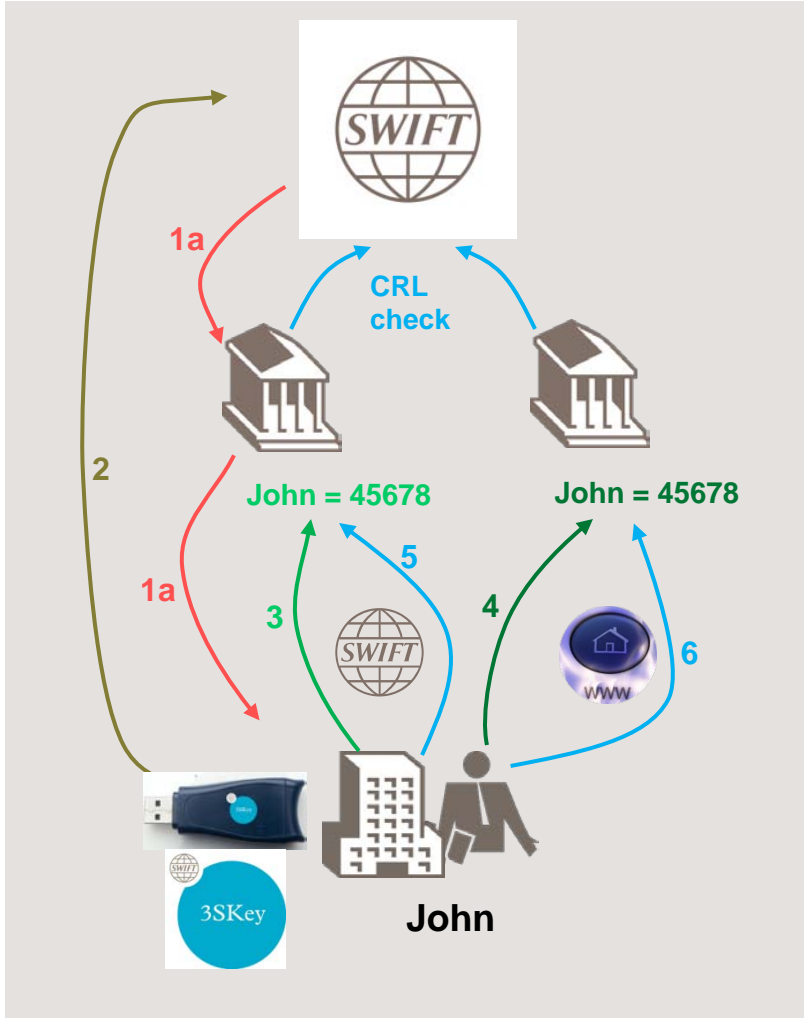
Hardware
tokens


HOWEVER

- Banks do not want to rely on the registration activity and/or PKI infrastructure of each other
- Each bank must do its own registration and comply with its own Know-Your-Customer rules


The 3SKey solution

- (1a+b) Corporate user obtains an inactive token from a bank
- (2) User activates the token on 3SKey portal
- (3) (4) Token associated (registered) with several banks
- (5)(6) Token used to sign messages – bank verifies signature and revocation status






Operates PKI and portal,
issues certificates



Distributes token, associates
user, verifies signatures

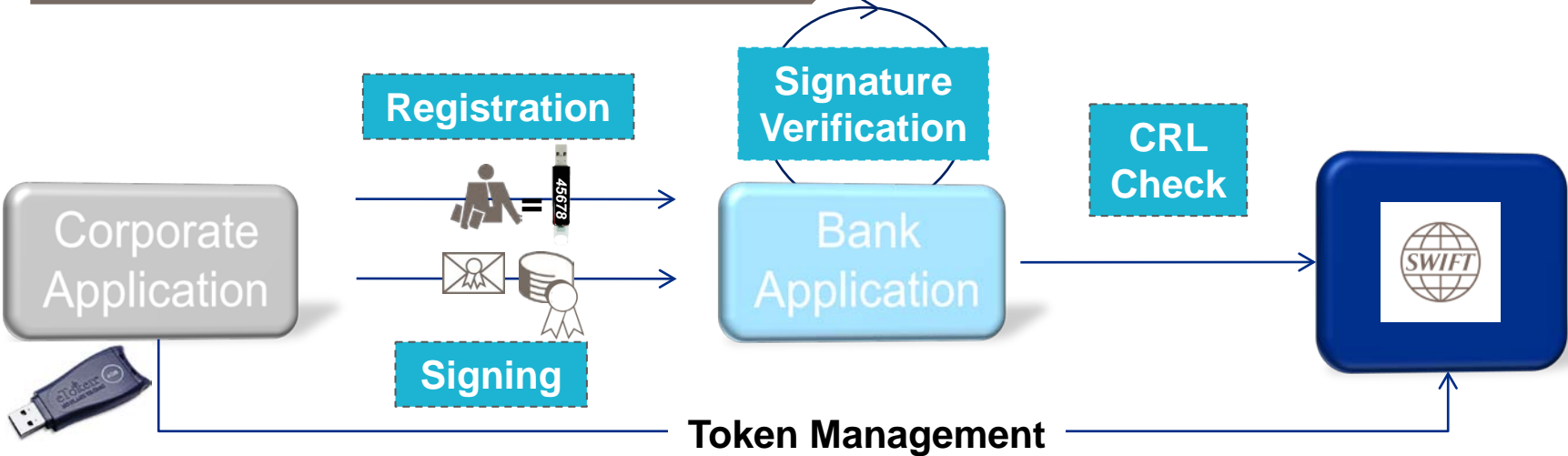


Activates token, associates
with bank, signs

Enabling your applications for 3SKey

SWIFTs personal digital signature solution will set a new standard for signing financial messages and files

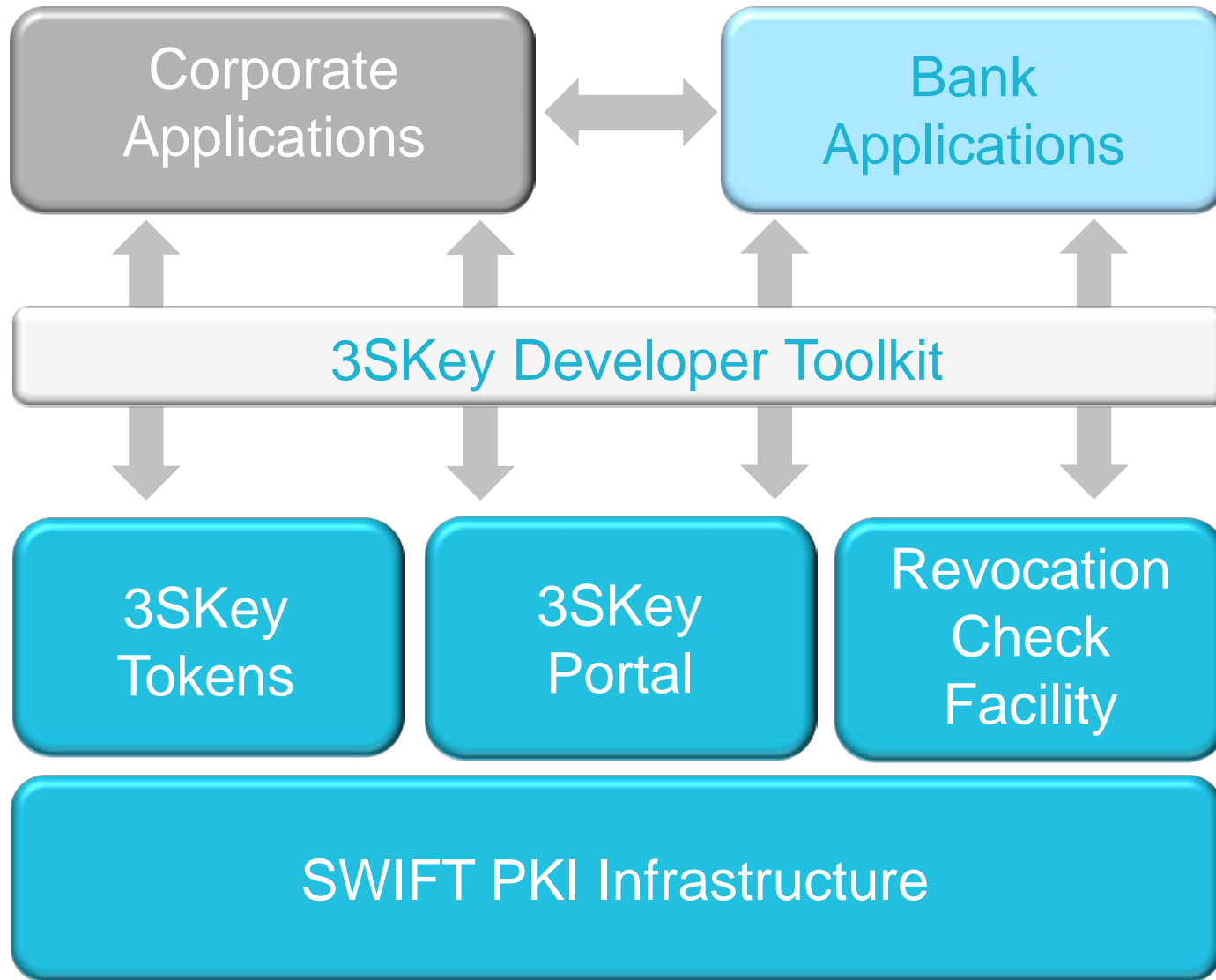
- “One” Solution
- “One” Process
- “One” Integration



3SKey specifications are available

- Developer Specifications
- Corporate and Bank Toolkits
- 3SKey Tokens with certificates

3SKey solution components



3SKey Portal



3SKey - SWIFT Secure Signature Key Logged in with: corp57429353 | Logout

Overview | Key management | User management | Key information | Help

Welcome to the **SWIFT Secure Signature Key application**. Select an option from the menu or from the overview below.

Overview

Key management	User management	Key information	Help
<ul style="list-style-type: none"> Generate security code Generate new security code needed to revoke or recover your token later on Change password Change the password that protects access to your token Revoke Make a token unusable if it is lost, damaged or compromised 	<ul style="list-style-type: none"> Add user Add a user to your user group by inserting a new token and providing a password Manage user group View / update details of all members of your user group Setup for recovery Setup an unactivated token in your user group to recover lost or revoked member's unique ID 	<ul style="list-style-type: none"> Key information View detailed token and certificate information 	<ul style="list-style-type: none"> Help Get help or contact SWIFT for assistance

Key Information

Business certificate

DN	CN=corp57429353, OU=section_1, OU=personalid, O=swift, C=ww
Certificate Serial Number	1277588517
Issuer	O=SWIFT
Issued	Fri Jul 09 09:40:54 CEST 2010
Expires	Tue Jul 09 10:10:54 CEST 2013
OID	1.3.21.6.3.20.200.1
Token Serial Number	00547058

Manage user group

View / modify users in your user group.

Manage user group

List of users in your user group

Unique ID	Status	Role	Alias	Expiry date	Token number	
corp57429353	Activated	Admin	MyCompany Admin1	Jul 9, 2013	00547058	Update
corp33146415	Activated	Admin	MyCompany Admin2	Jul 9, 2013	00547107	Update
corp66314654	Activated	User	MyCompany Treasurer1	Jul 9, 2013	00547060	Update
corp22644951	Activated	User	MyCompany Treasurer2	Jul 9, 2013	0054711b	Update



Pilot phase successfully completed

BANKS	CORPORATES	VENDORS

Identified customer segments



Banks security channels



Multi-banked Corporates



Banking communities



Why using 3SKey?

CORPORATE USERS



- Multi-bank signing solution
- Reduced complexity & cost by using single device & process
- Secure solution using latest cryptographic technology

BANKS



- Better service to clients
- Interoperability without reliance amongst banks
- Cost reduction by using shared infrastructure



Thank you

