



Remote Deposit Capture – Leveraging RDC as a Payments Platform

Presented By:
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A Unique Perspective



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Agenda



- Definitions
- RDC Payments Hub Application Overview
- RDC Architecture & Process
- RDC Payments Hub Architecture & Process
- Business:
 - Drivers
 - Challenges
 - Timing
 - Benefits
- Role of Standards

Definitions



Remote Deposit Capture

The definition has been in the past associated with only the check.

*“Refers to a platform and the process of electronically capturing **check** images and data, transmitting that information for deposit and clearing, and truncating the original paper checks. This definition has been evolving to include additional payment types, including card payments.”*

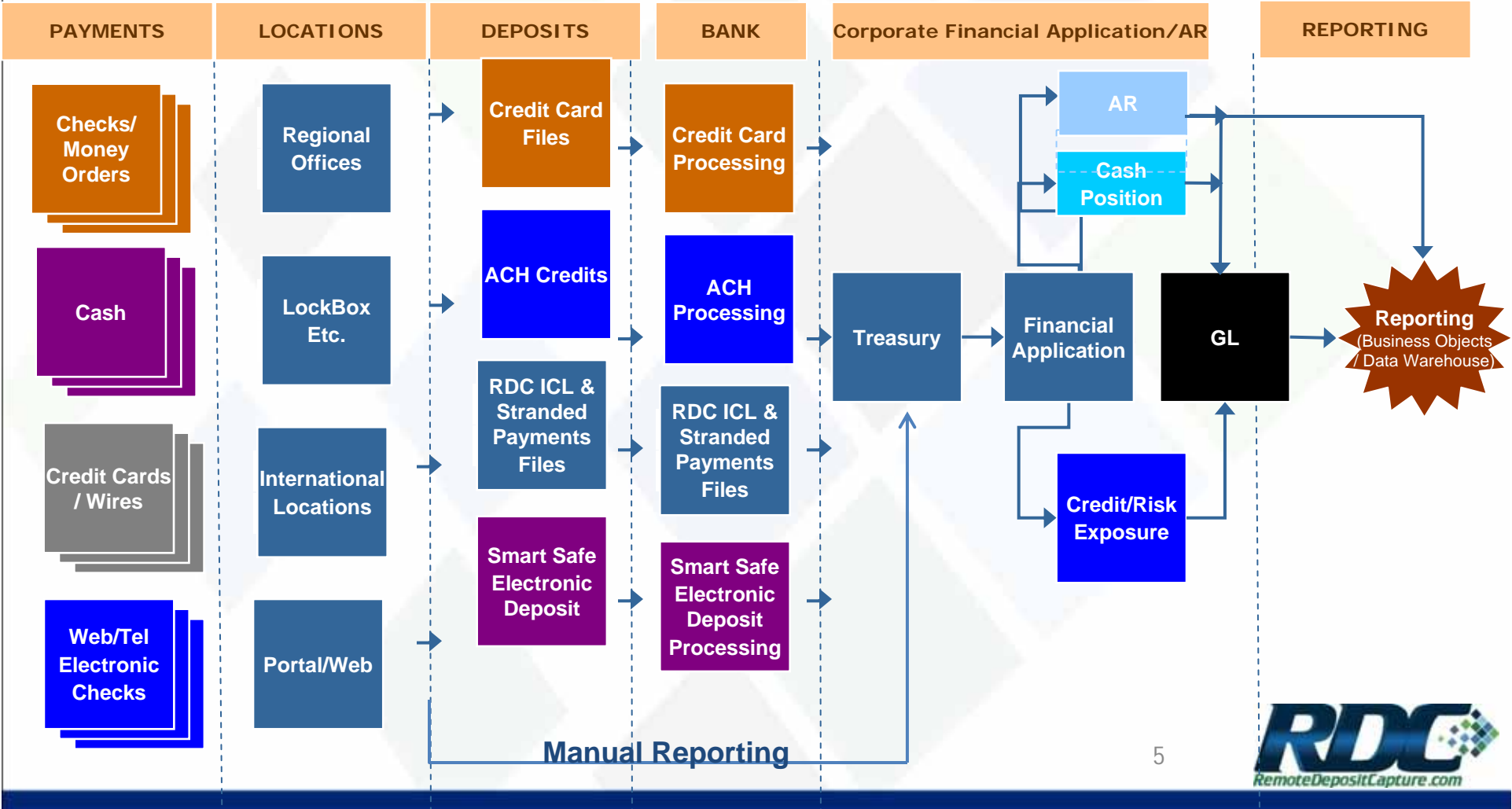
Payments Hub

There are many differing views of what a Payments Hub is and therefore as many definitions. Our version is:

*“A payments hub is an engine that initiates and receives electronically **multiple** types of payments, processes those payments, settles and disburses funds as required in the most timely and cost effective method available.”*

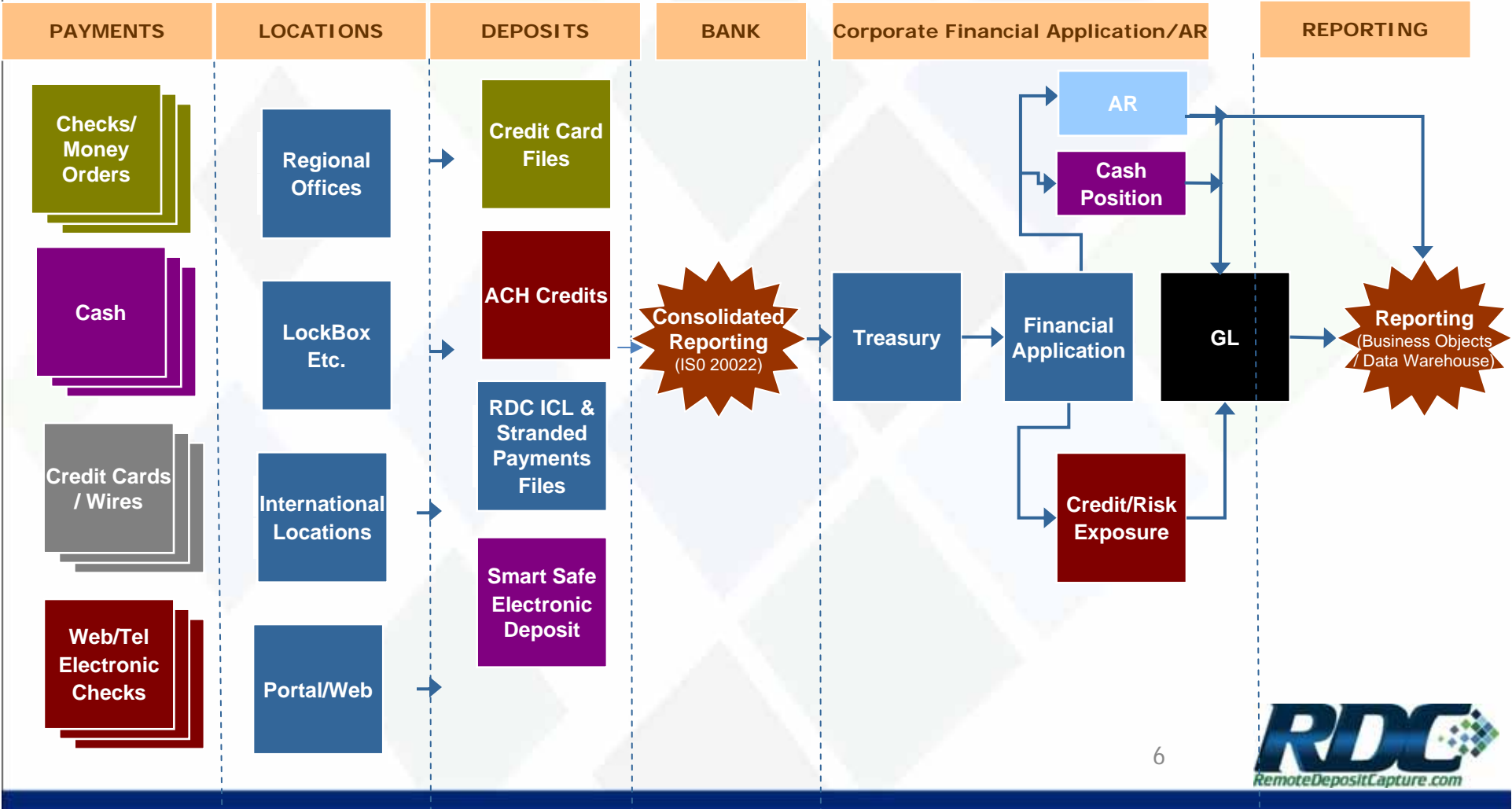
Payment Application Overview

The Problem is that there are multiple payment types and multiple reports that a business has to manage



Payment Application Overview

The Answer is a single bank platform that manages all payment types and produces a single report that a business can ingest into its' systems



Remote Deposit Capture Component Architecture



Desktop

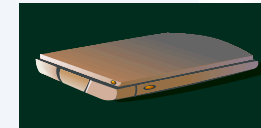
Terminal

Flatbed

PDA/Mobile

Source Capture Devices

Desktop Scanner



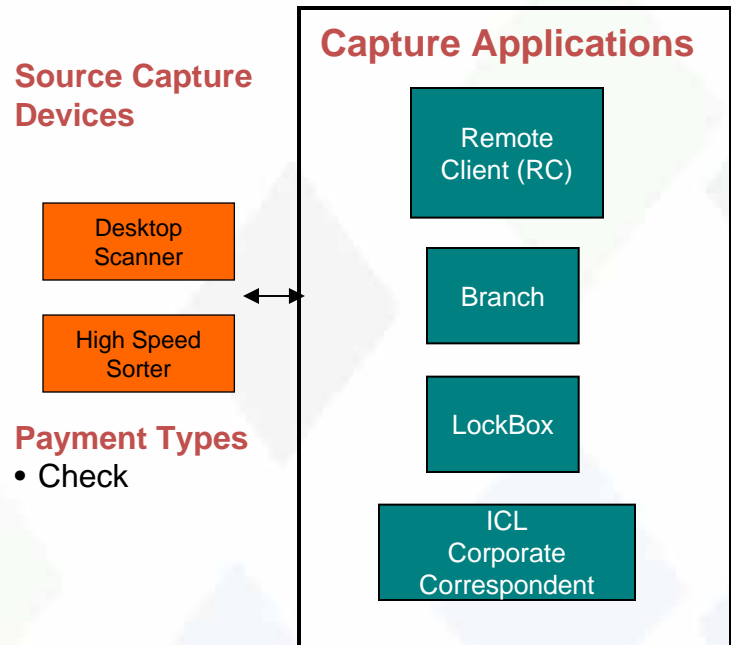
High Speed Sorter

Payment Types

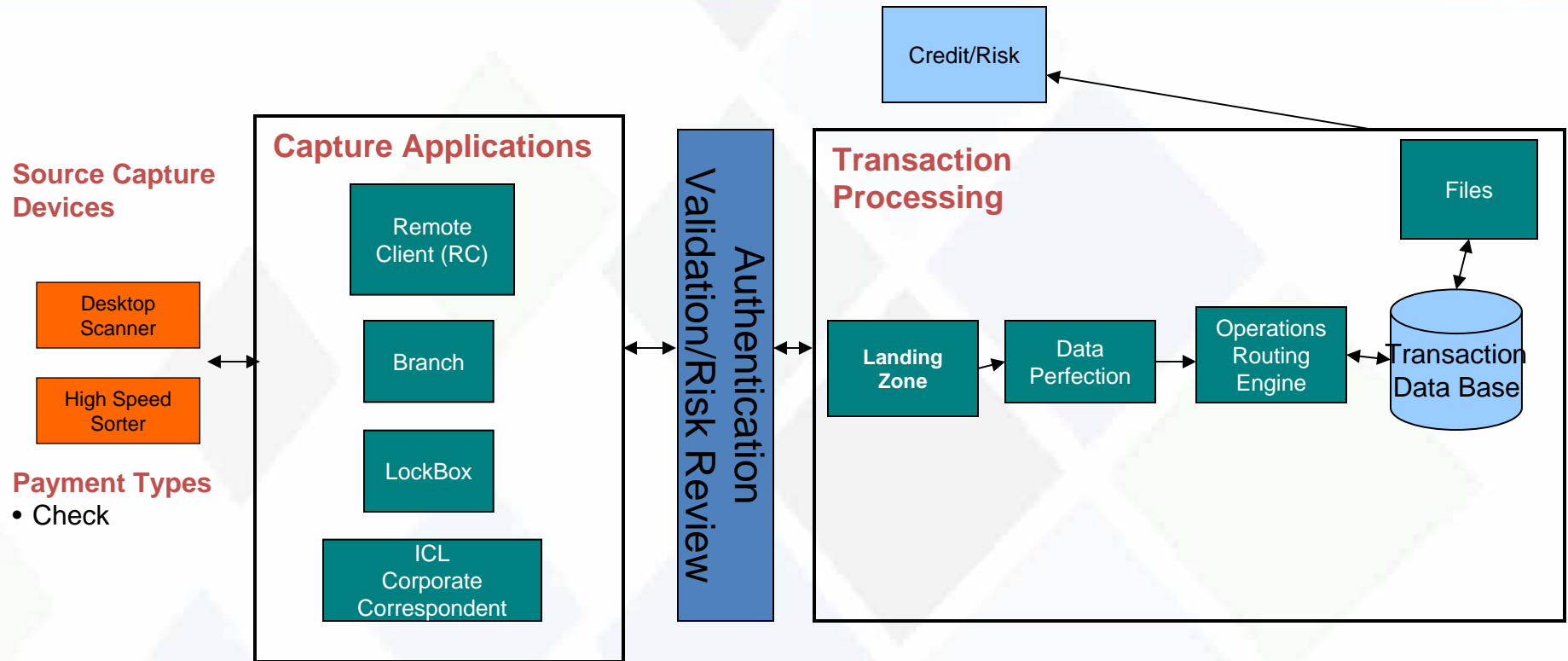
- Check



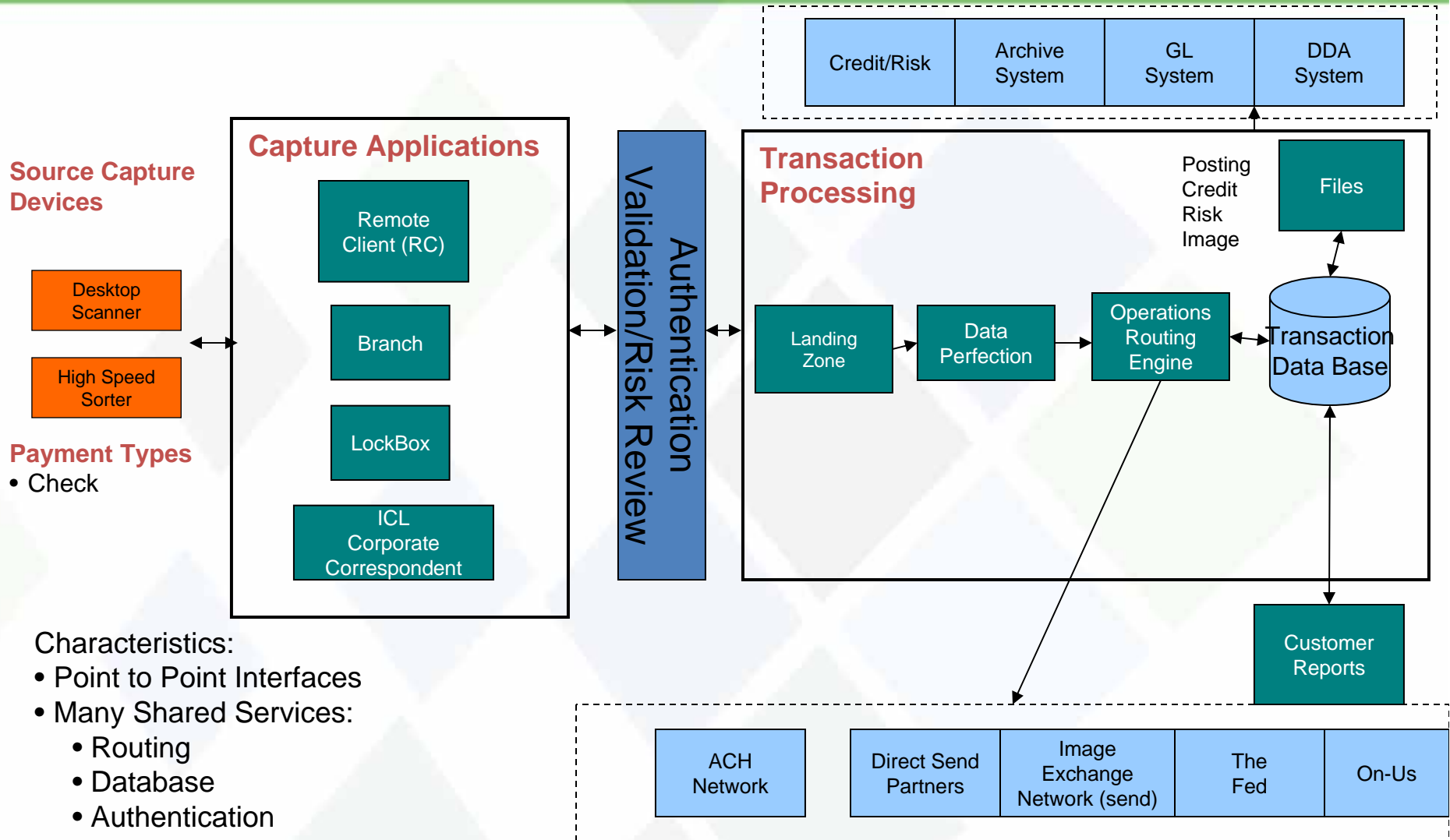
Remote Deposit Capture Component Architecture



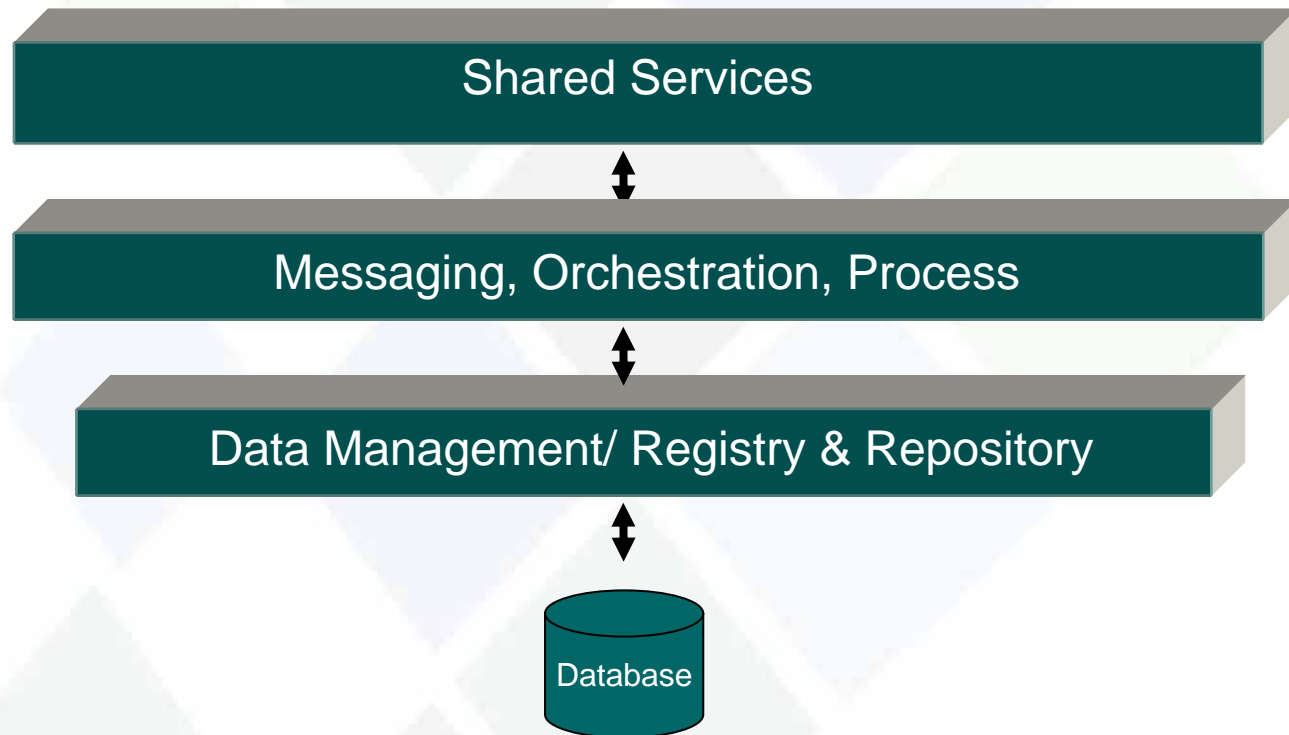
Remote Deposit Capture Component Architecture



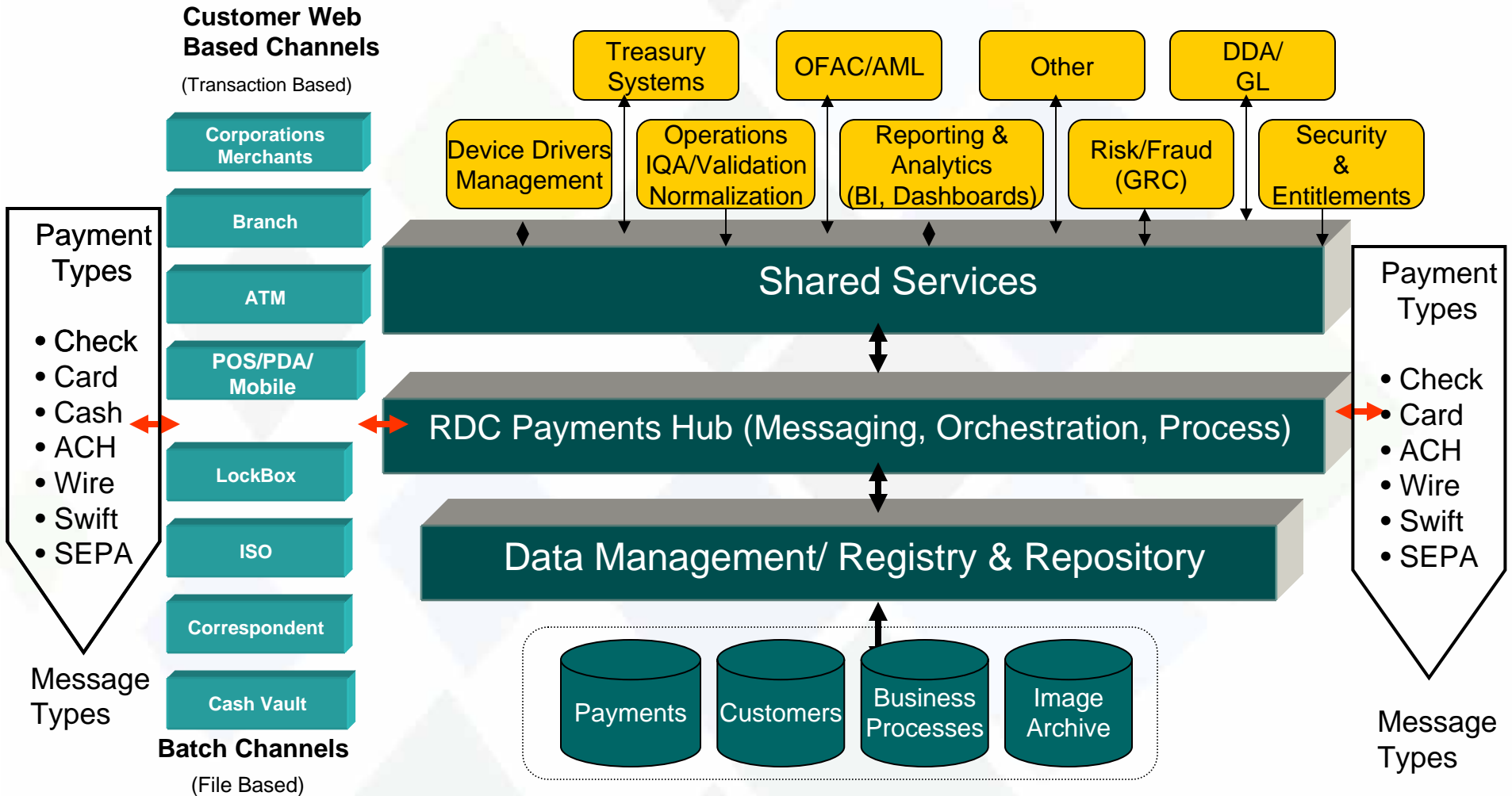
Remote Deposit Capture Component Architecture



RDC - SOA (Service Oriented Architecture)



RDC Payments Hub (SOA)

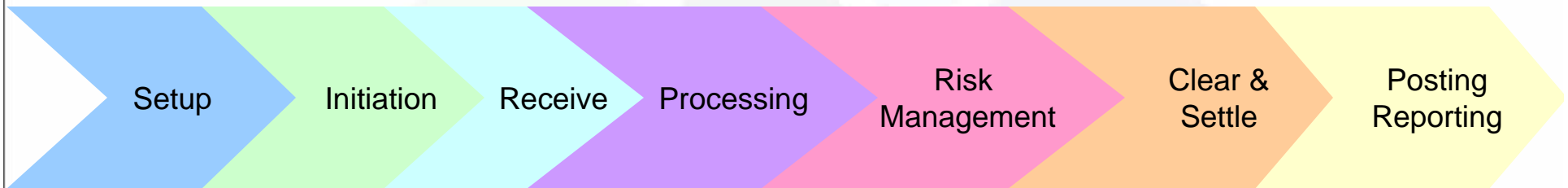


Payment And Deposit Processing **Plus Initiation**

RDC Payments Chain



RDC Payment Lifecycle



- Identify
- Acquire
- Setup

- Check
- EDI
- Swift
- Web
- ATM
- Mobile
- Tel
- IVR

- Authorization
- Entitlements
- Validation
- IQA
- Acknowledge
- BPM Process

- Normalization
- Translation
- Perfection
- BPM Mapping (Legacy Systems)
- Routing
- Protocol
- Service Activation

- Risk Exposure
- Duplicate Detection
- OFAC
- Fraud
- BSA/AML
- PCI
- SOX
- GLB
- FFIEC

- Check
- ACH
- Wire
- Card
- International
- On-U.s

- Update Accounts
- Archive
- Customer Reports
- Post and Balance
- BI
- Dashboard/Monitor

RDC Payments Hub Business Drivers



Financial Institutions

- Convergence of Payment types
- Reduces costs, aggregation of transactions across payments channels
- Improve customer service, through better reporting and improved clearing
- Share data (information) across multiple applications
- Improves information management – Transparency
- Improved GRC risk management and fraud prevention
- Competitive - Faster cycle time to introduce new products and services

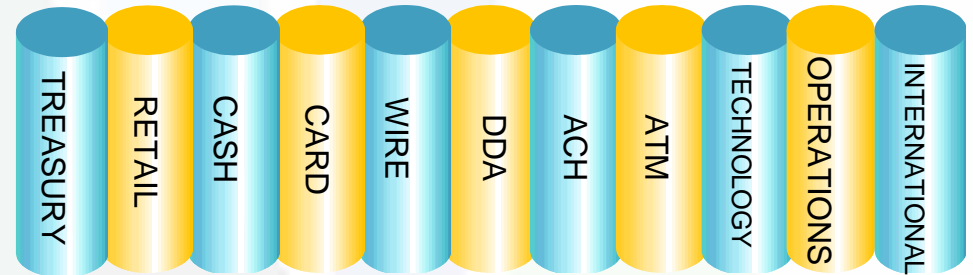
Corporations

- Integration into ERP and Financial Applications – SAP, Oracle, etc.
- Purchase to Pay lifecycle management
- Unified process flow
- Efficiencies and cost reduction
- Reduced DSO
- Improved availability/cash flow

FI Business & Infrastructure Challenges



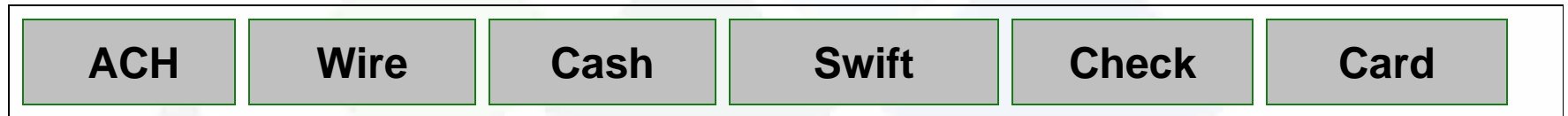
- Operational Silos
- Multiple Legacy Systems
 - Independent adoption of technology and applications by line of business
- Point to Point Interfaces
- Multiple Applications Providing Similar Solutions
- Multiple data sources and inputs
- Multiple currency and output file formats
- Multiple GRC (Governance Risk and Compliance) requirements
- Evolving standards - ISO 20022



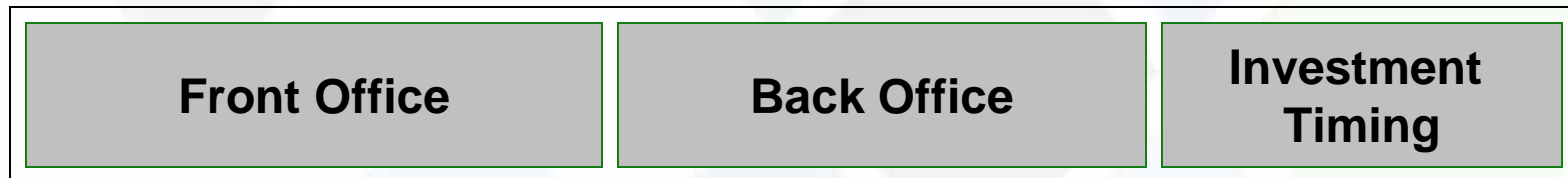
RDC Payments Hub Implementation Strategy



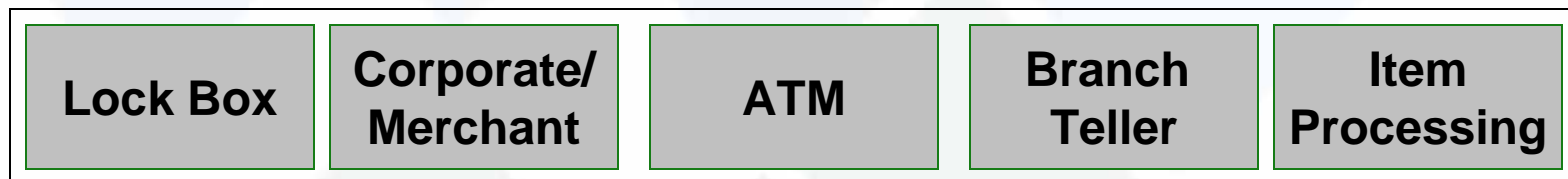
- **Be transaction agnostic**



- **Sync RDC investments with Hub strategy**



- **Build strategy by “point of entry”**



Benefits in an RDC Payments Hub

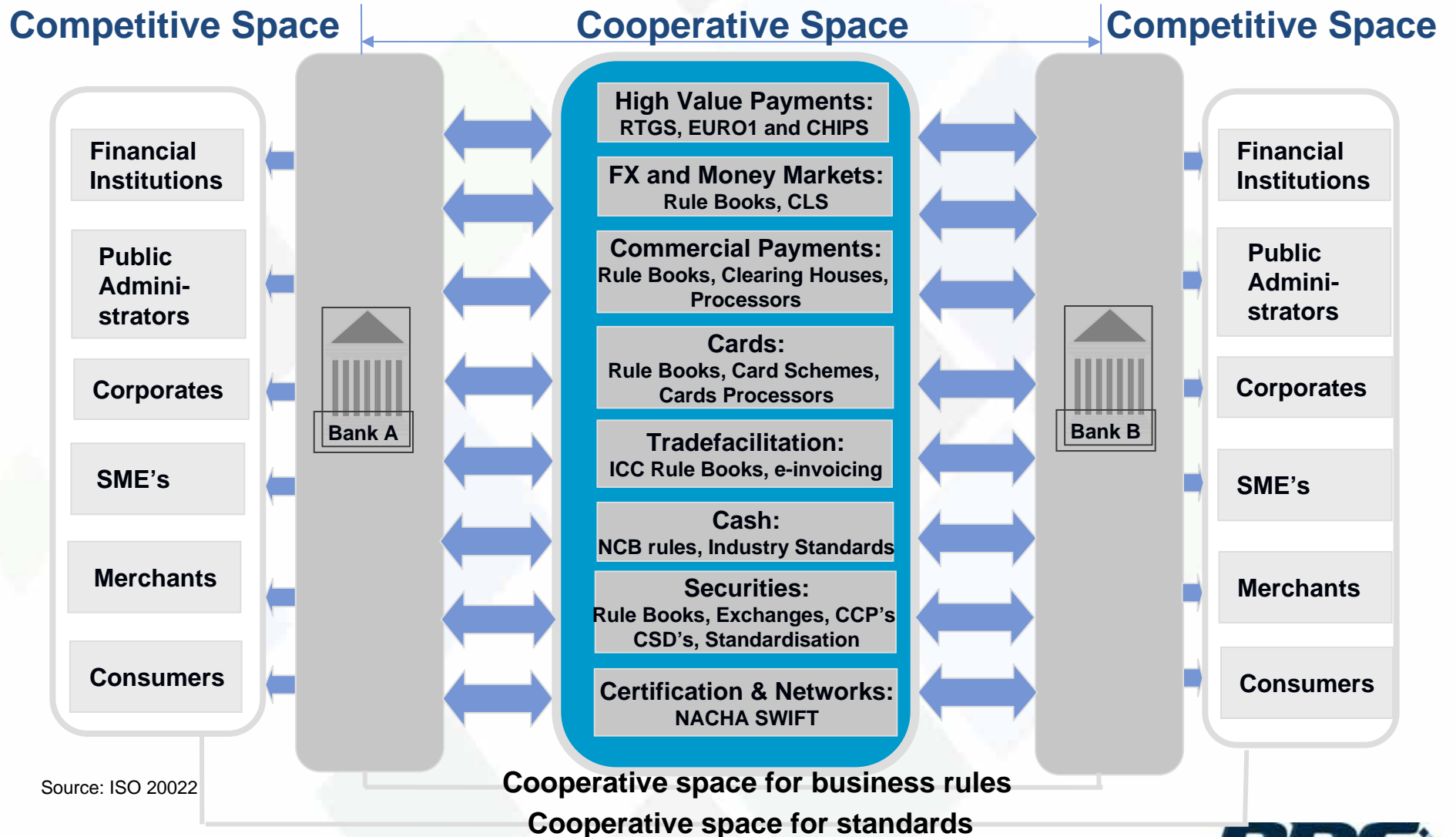


- Uniform User Interface (UI) for use with all applications
- Processes can be reused to support multiple payment sources and types
- Efficiencies and the elimination of duplicate processes and applications
- More effective and comprehensive Risk Management
- Better Customer Service and more Transparency
- Agility – Faster response to the market

“It is not the strongest of the species that survives, nor the most intelligent that survives. It is the one that is the most adaptable to change”

Charles Darwin

Evolution of Standards – Convergence in the Cooperative Space



Source: ISO 20022

Questions?

