



EMBARGOED UNTIL FRIDAY, JANUARY 30, 2015 AT 2:45 A.M. IN U.S. EASTERN TIME AND
9:45 A.M. IN CAPE TOWN, SOUTH AFRICA; OR UPON DELIVERY

Cyber Security and Financial Stability

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BCBS-FSI High-level Meeting for Africa on “Strengthening
Financial Sector Supervision and Current Regulatory Priorities”
Cape Town, South Africa

bostonfed.org

Figure 1: Retail Authorization

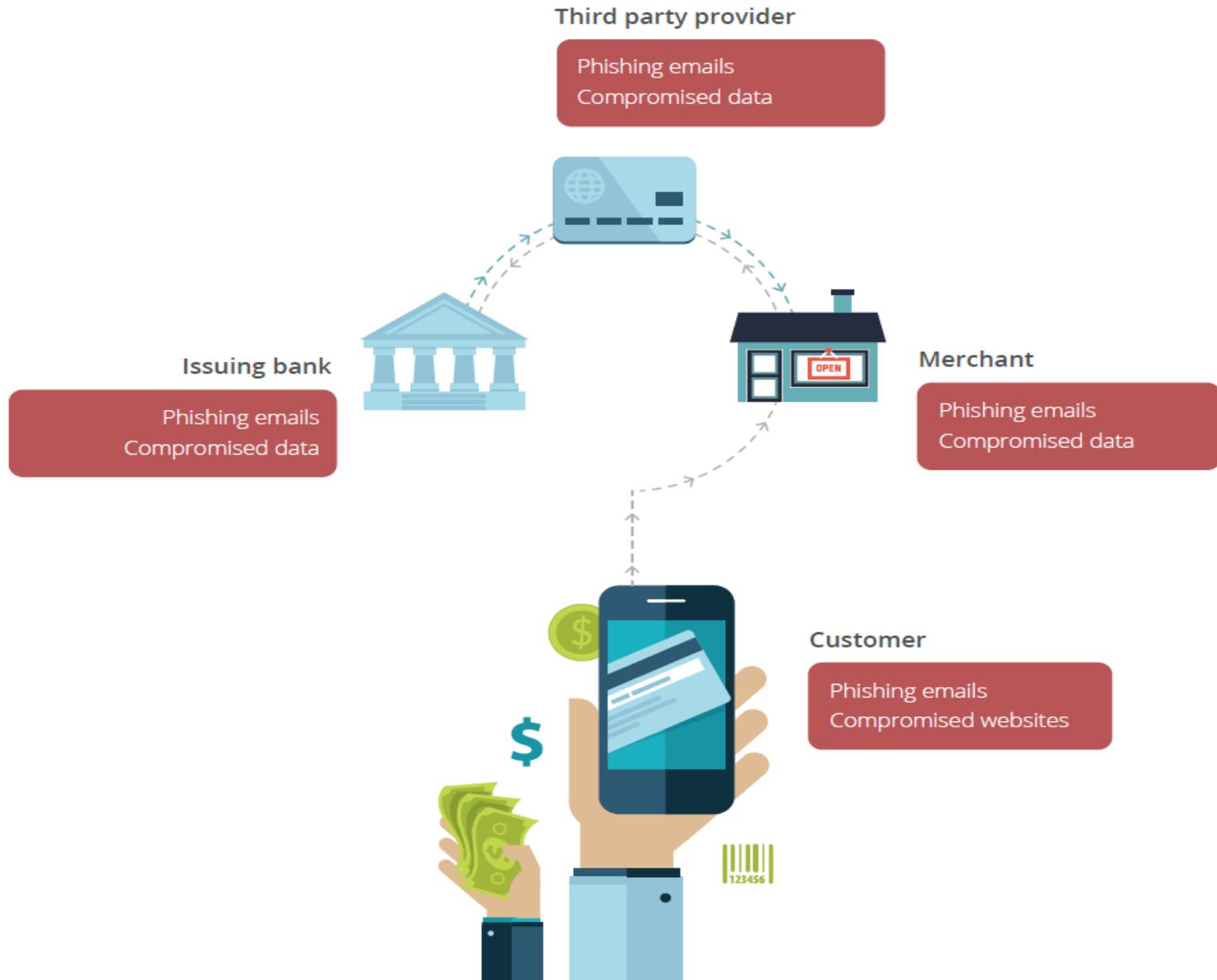
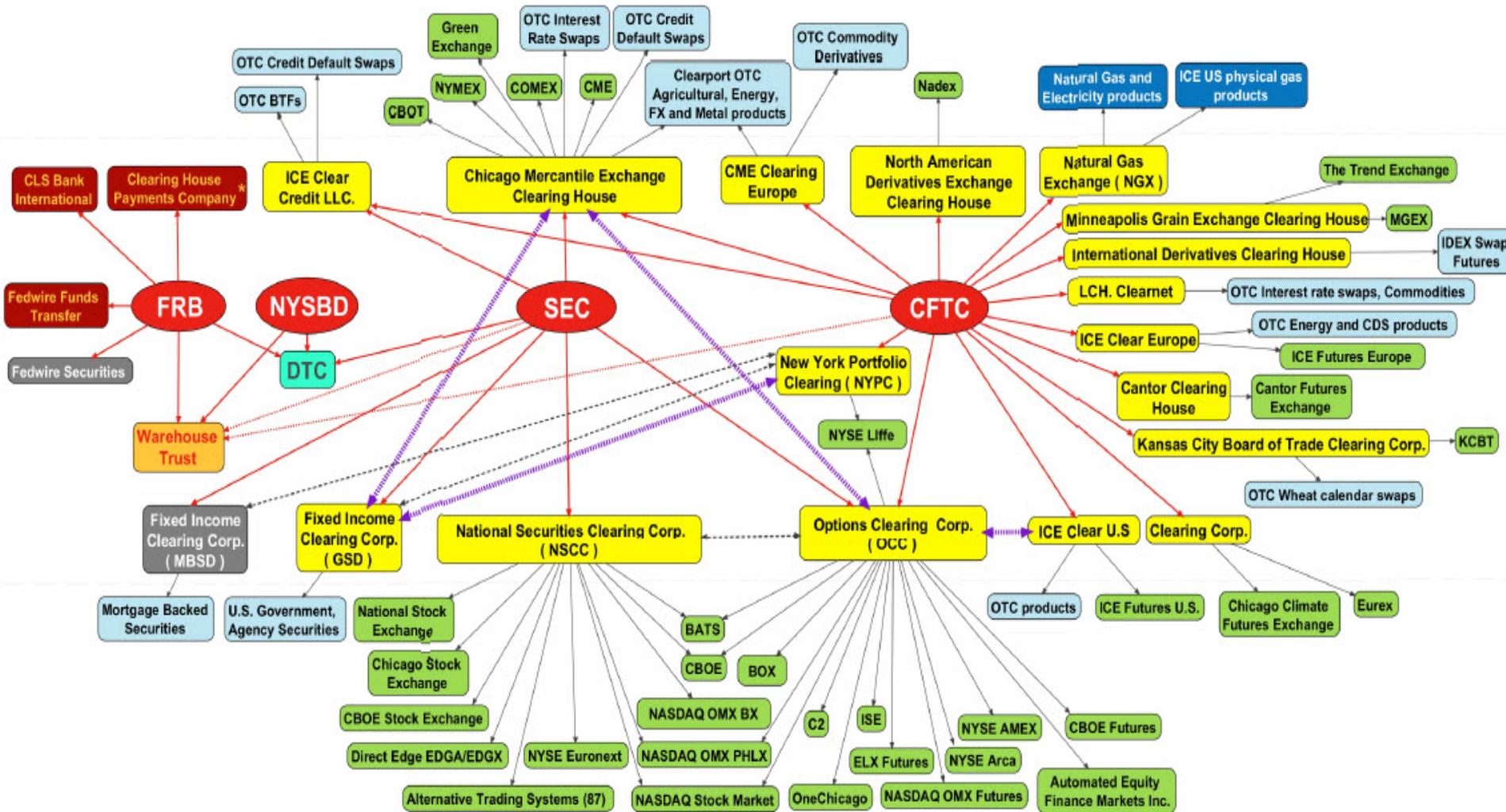


Figure 2: U.S. Regulatory Authority over Payment, Clearing and Settlement Systems

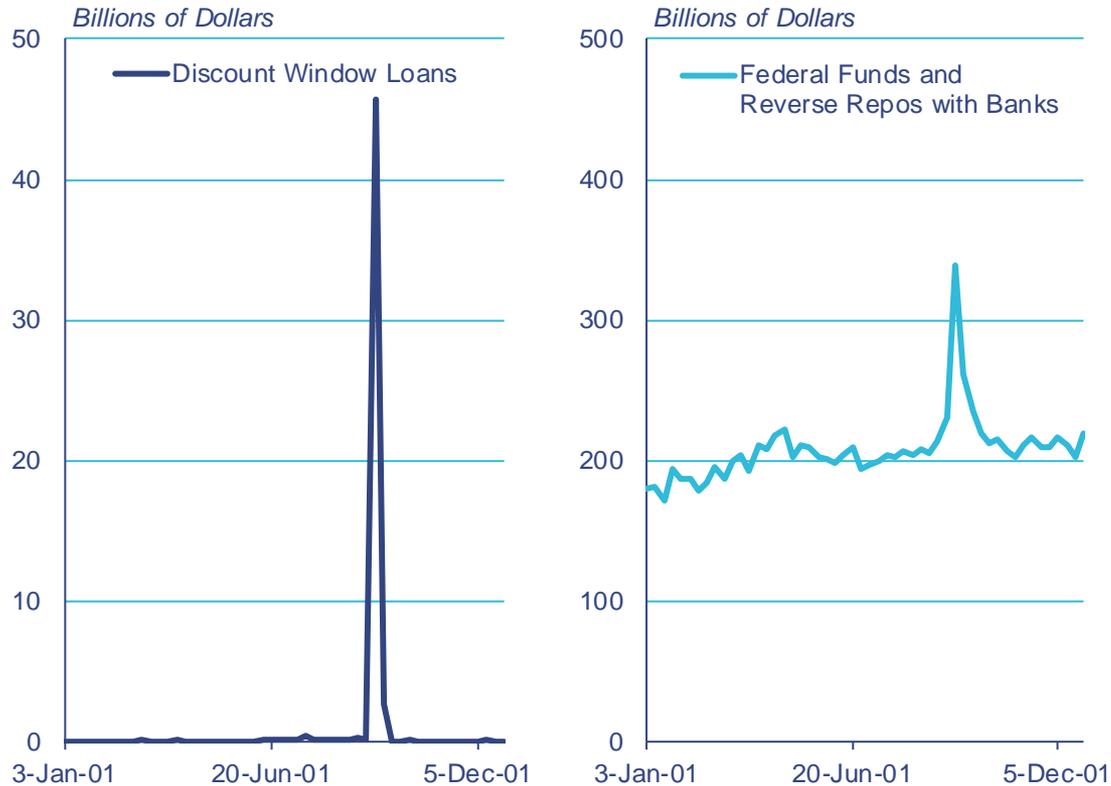


Regulatory Agency	Central Counterparties (CCP)	Securities Settlement Systems (SSS)	Central Securities Depository (CSD)	Payment Systems	Trade Repository	Exchanges or other trading venues	Selected OTC Products	Selected Listed Products
→ Regulatory Authority	→ Clearing Agreement	→ Information Sharing	↔ Cross Margining Arrangement	→ Proposed Supervision	* Supervised by other agencies (not shown)			

Current as of October 27, 2011
 Source: Federal Reserve Bank of Chicago
 Financial Markets Group
 * Derived from publicly available information



Figure 3: Federal Reserve Loans to Depository Institutions and Commercial Bank Interbank Loans Weekly, January 3, 2001 - December 26, 2001



Note: Data are weekly as of Wednesdays.

Source: Federal Reserve Board, Haver Analytics



Figure 4: Major Cyber Intrusions Originating from Vendors

Comprised Companies	Quantity of Records Compromised	Description
Target	40 mil. credit cards, 70 mil. customer records	Stolen HVAC vendor login ID and password
Home Depot	56 mil. credit cards, 53 mil. email addresses	Stolen HVAC vendor login ID and password
National Archives & Records Administration	76 mil. veteran records	Computer disk drive sent to 3 rd party for destruction
Goodwill Stores	900 thous. credit cards	3 rd party POS vendor