



FIXGlobal

FACE₂FACE

Forums 2010

In support of

FIXPROTOCOL
INDUSTRY-DRIVEN MESSAGING STANDARDSM

FIX Protocol in Korea Market

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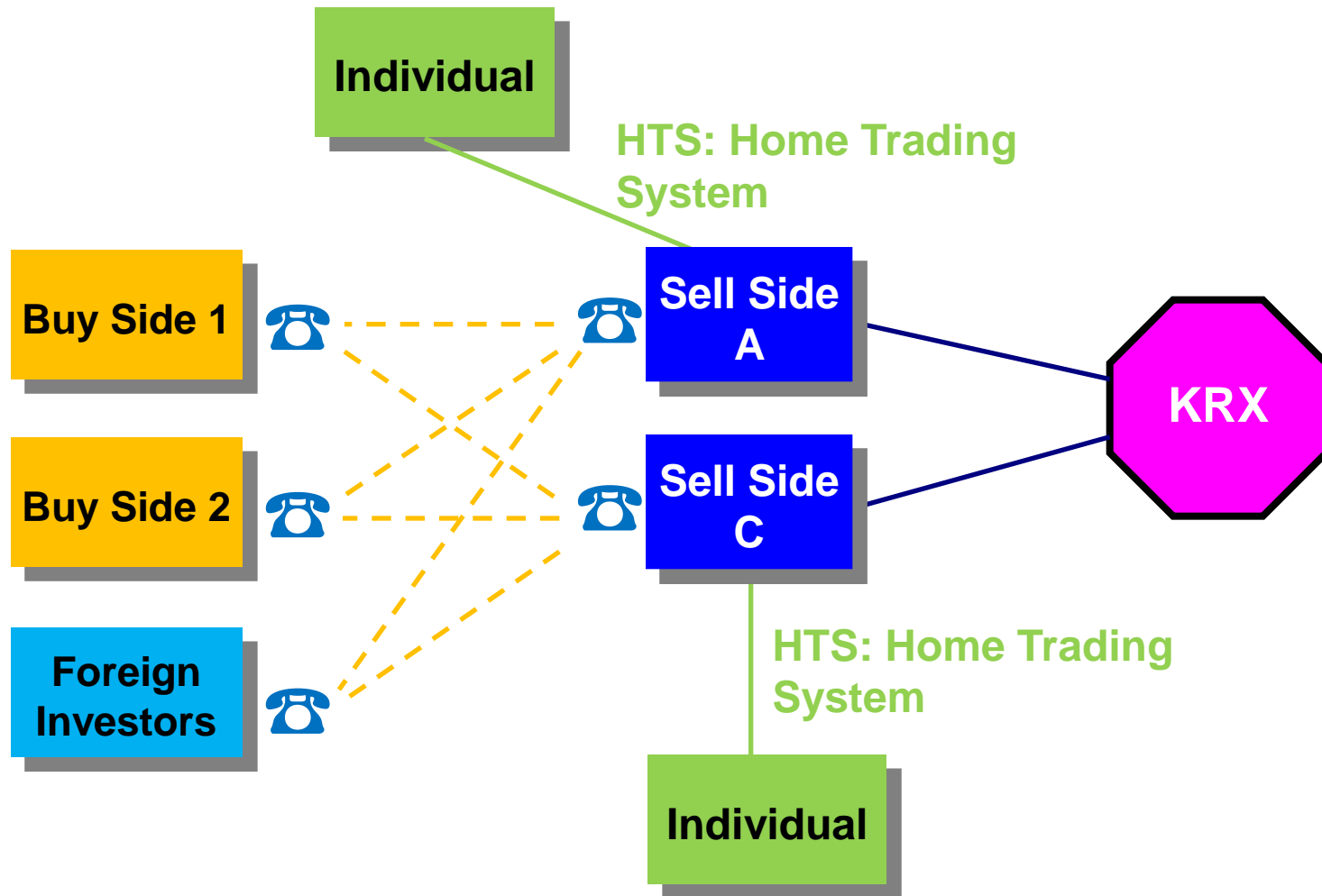


□ History

- **2002 First FIX Protocol Connection in Korea between LG Sec (Woori) and Instinet**
- **2003 First Local FIX Protocol Connection between Samsung Sec and Samsung Asset Mgmt via Koscom STP Hub**
- **2008 Global standard FIX message format starting from MiraeAsset**
- **2009 Futures and Options Orders using FIX Protocol Outbound FIX for FX Margin and Overseas Futures**

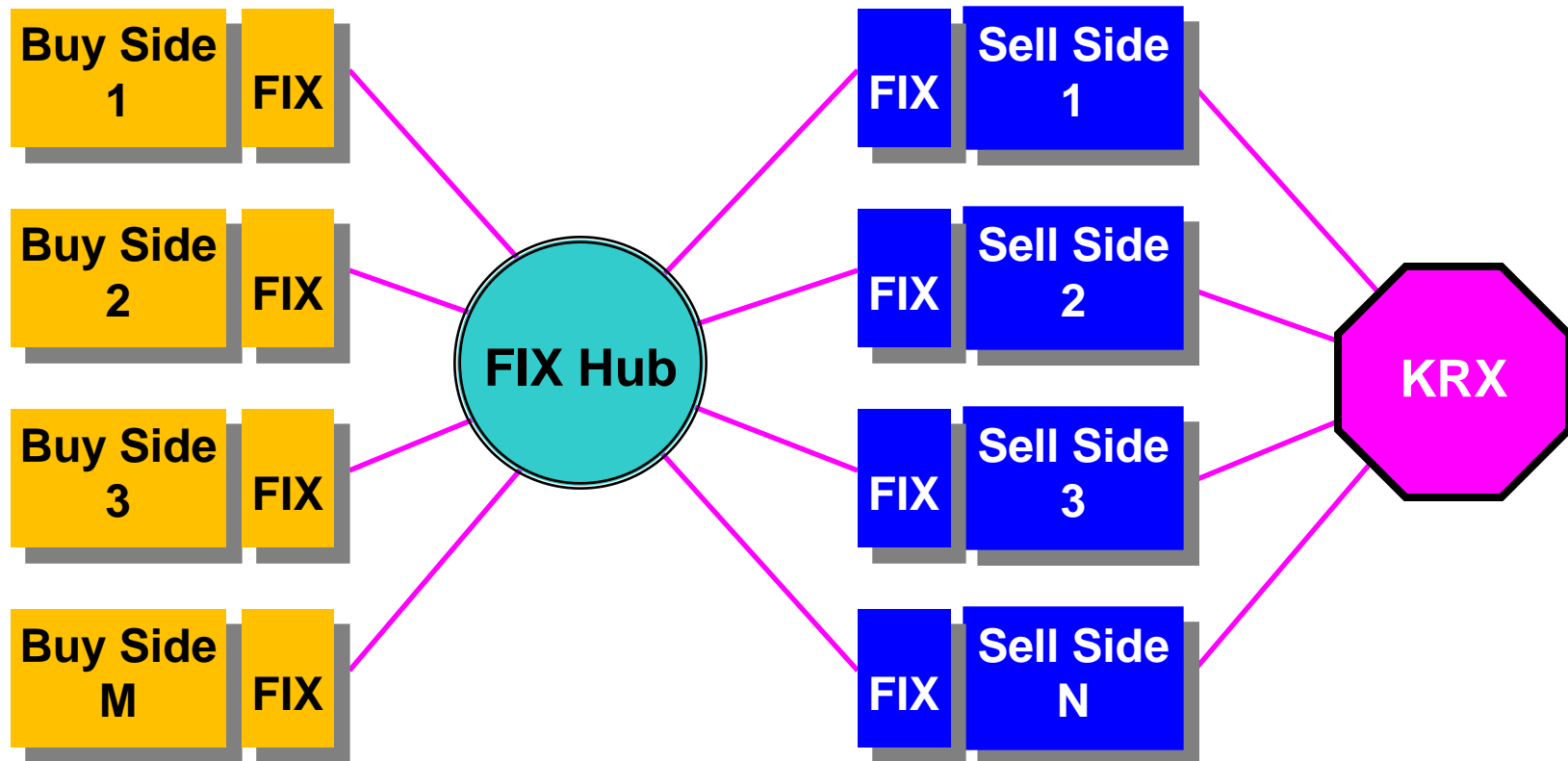


❑ Before FIX Protocol





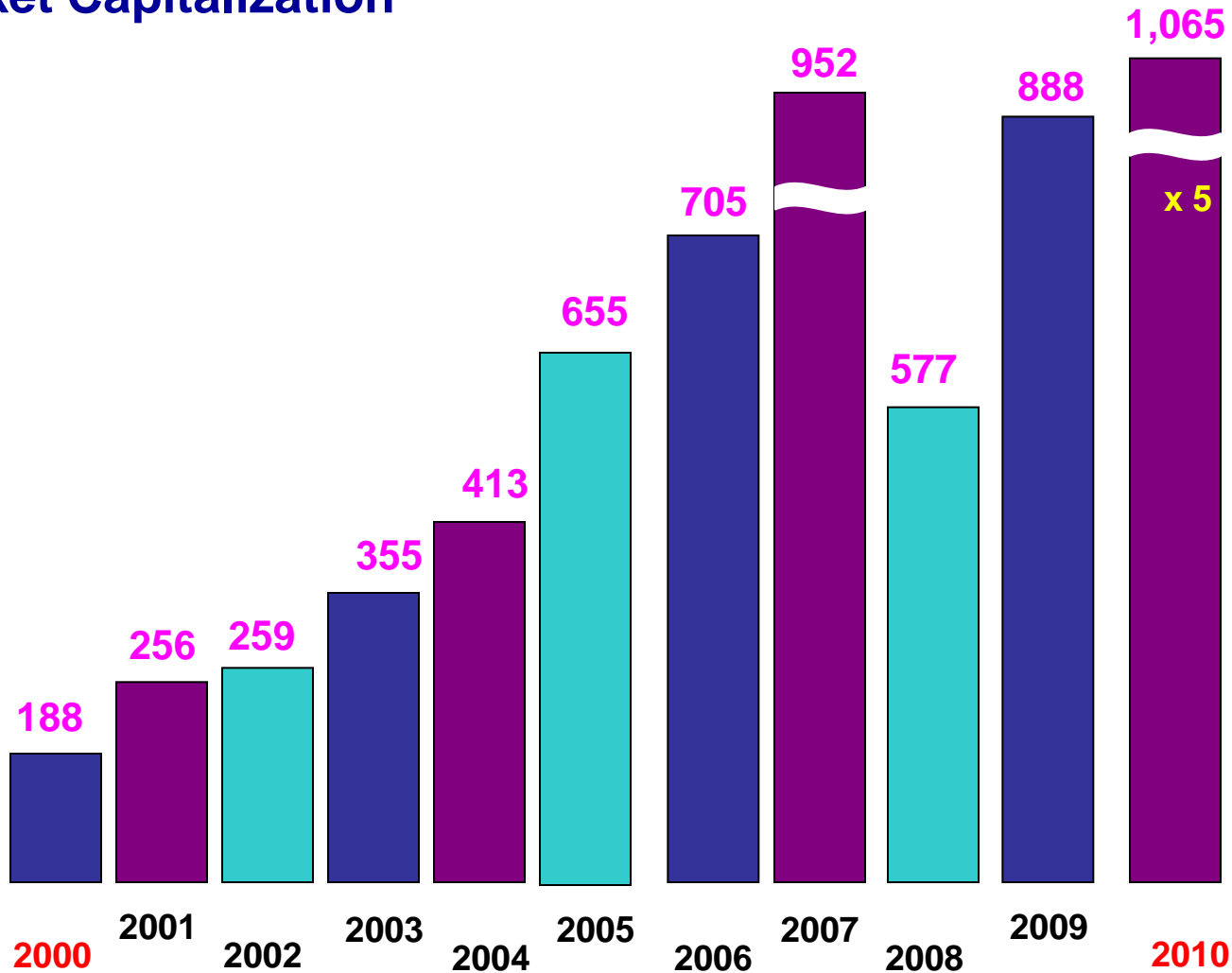
□ After FIX Protocol





Market Capitalization

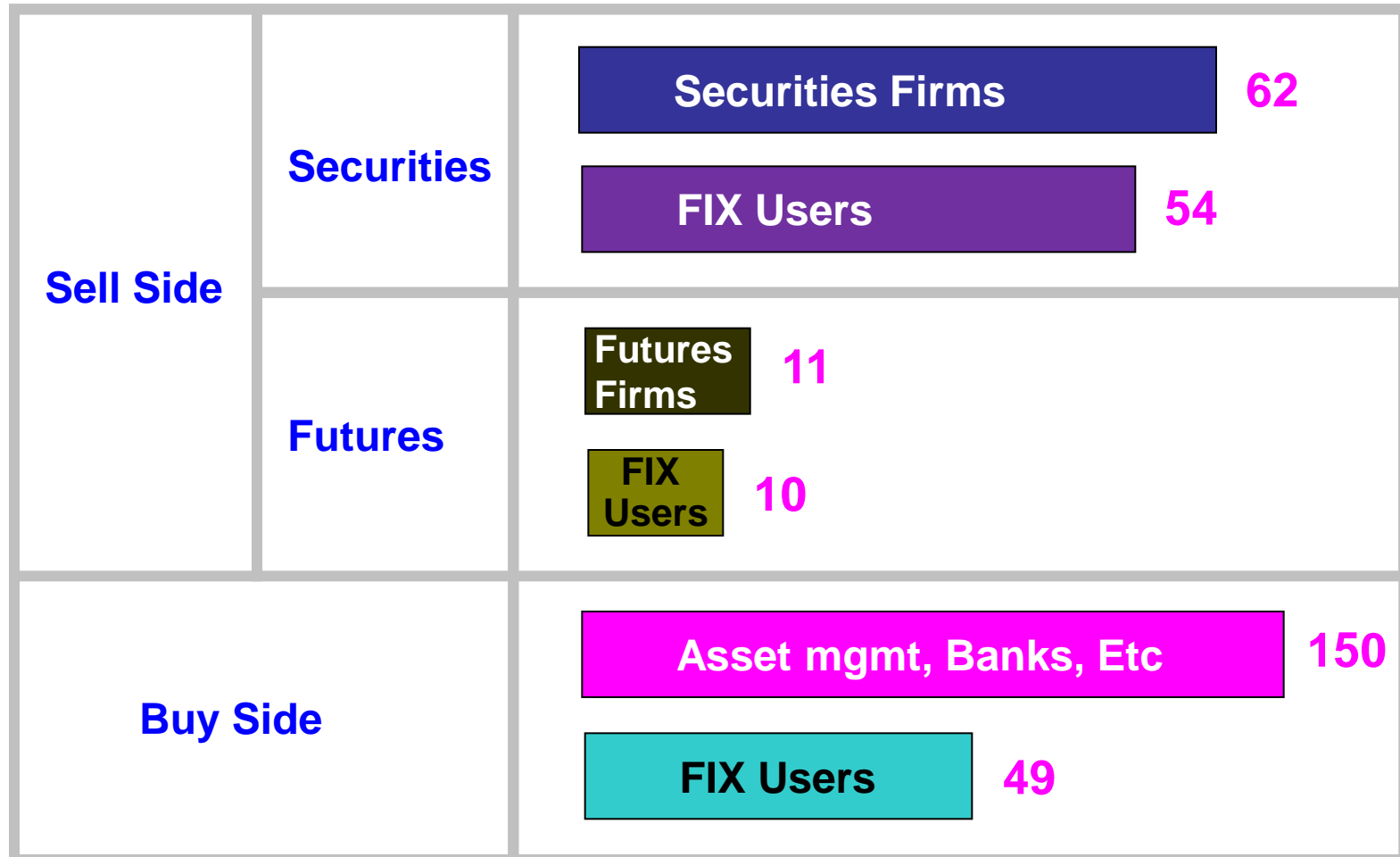
(KRW / Trillion)





❑ Users of FIX Protocol in Korea

Source : KOFIA and Koscom





□ Current FIX and Standard FIX

- FIX Protocol이 한국시장에 정착하기 위해 기존거래 제도를 수용
- 한국 내 자체 사용의 편리성을 높이기 위해 독자적으로 개발하게 되면서 현재의 변형된 Current FIX Protocol이 출현하게 되었음
 - J-FIX, Hanoi-FIX
- 시장 정착은 성공했으나 Global Standard에 부응하지 못하는 현실
- 3 Types of FIX Protocol in Korea
 - A, B, C : 3 Types of Current FIX Protocol
- Current FIX vs. Standard FIX Protocol
 - Order Type
 - Partial Replace Order
 - List Order



□ Current FIX and Standard FIX

● Order Type

- User defined OrderType value: Uxx Tag value
(신고대량, 시간외 대량, 시간외 바스켓, 시간외 증가 등 표현방법)
- 1 byte char → 2 bytes string (data type change)

● Partial Replace Order

- 일부정정 주문 처리를 위해 특별히 설계한 FIX Protocol
- OrderQty2 tag 사용

● List Order

- 운용사의 업무관행인 주문지 전달을 위한 목적 (해외는 잘 사용 않음)
- List Execute 메시지로 List Order를 명확하게 하려고 원래 메시지 정의를 변형하여 사용 (접수확인.거부, List 정정 및 실행지시 등 추가)
- 표준 FIX와 완전히 상이한 메시지로 설계되어 해외접속 불가능

● *Current Problem: Between Local Buy Side and Foreign Sell Side connection*



□ Korean FIX Protocol Committee [한국 FIX Protocol 위원회]

● K-FIX Protocol Standardization

- Local Market
- Global Market

● New Area

- New product: Fixed Income, OTC Derivatives, etc
- New trading: Algorithm Trading, DMA ...
- New interface: KRX Interface, Market Data on FAST

● Vendor Oriented → User Oriented Protocol

- FIX User Community
- FIX Protocol Education