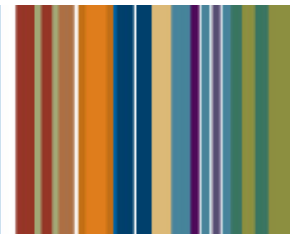**SUNGARD**

ASEAN LINK – The Solution
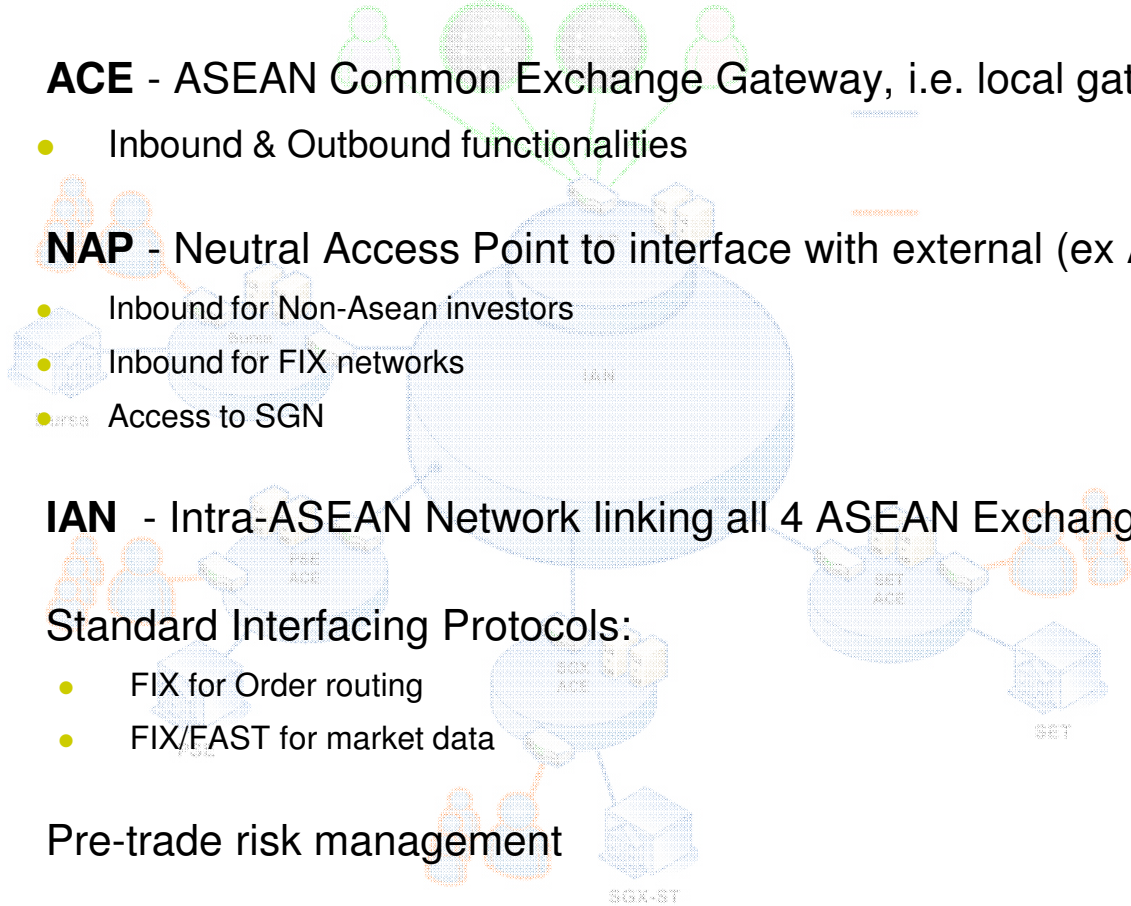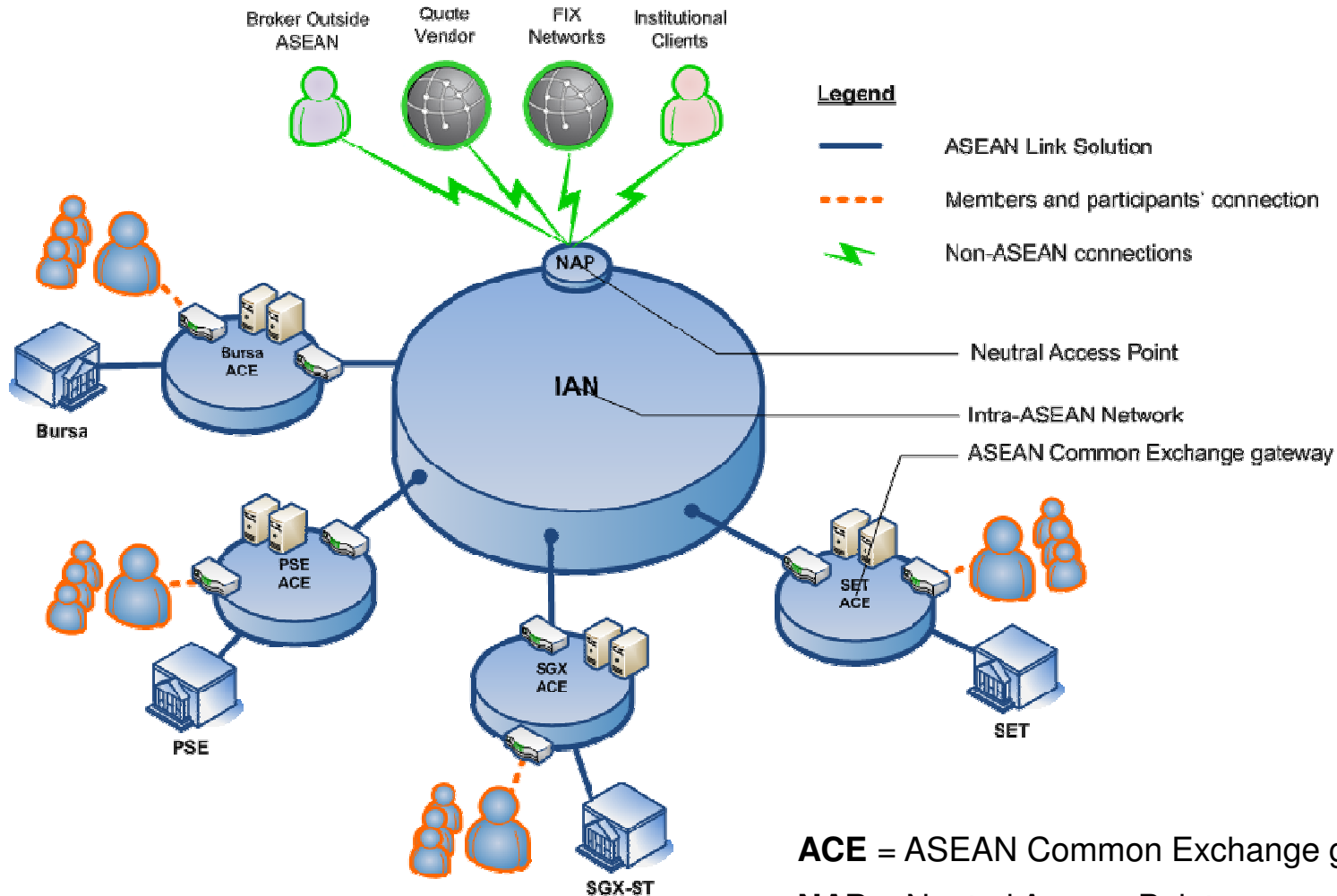
Mathias Bellancourt

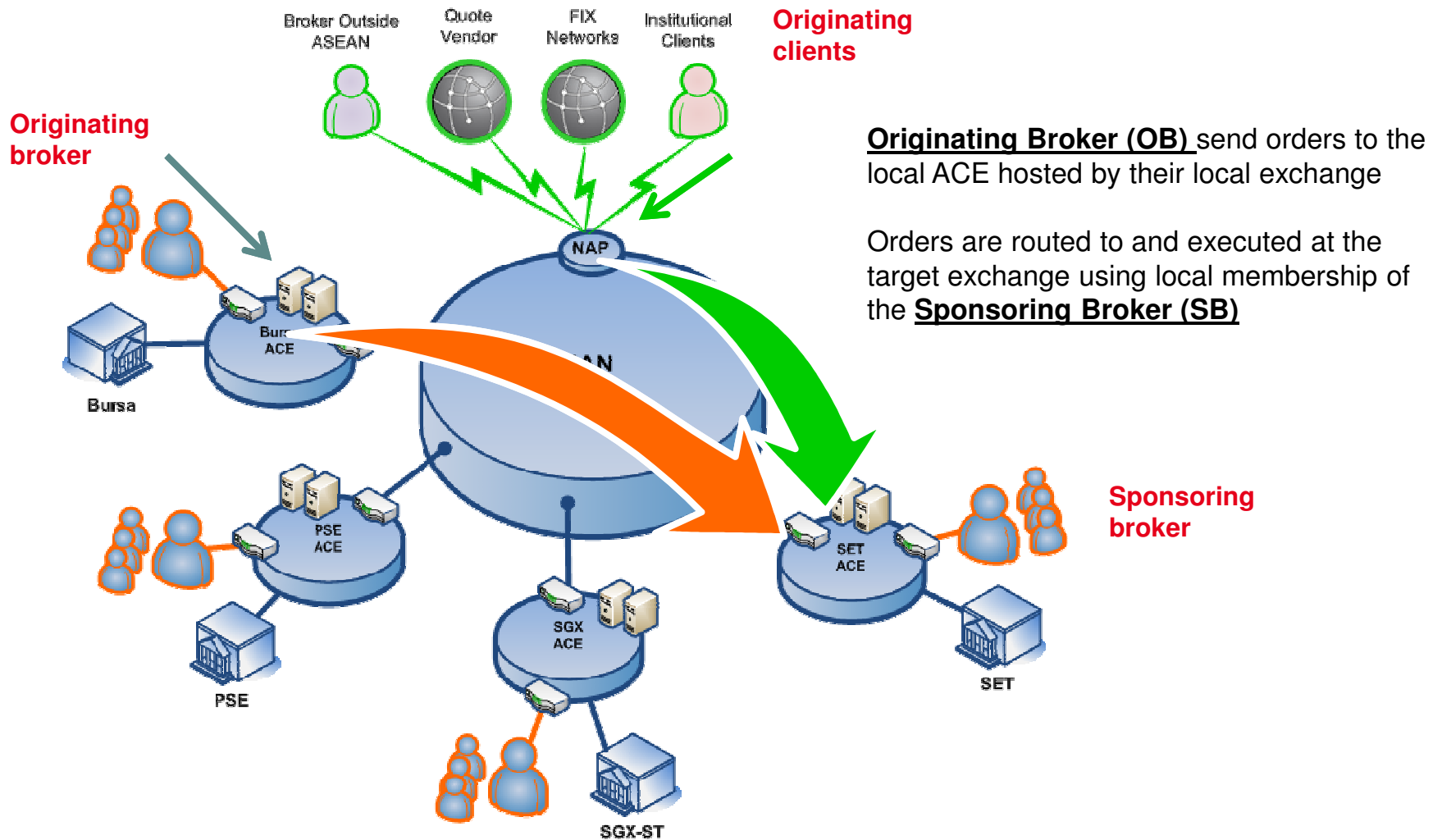✓ **What will be delivered as part of ASEAN Link Solution?**

- **ACE** - ASEAN Common Exchange Gateway, i.e. local gateways
  - Inbound & Outbound functionalities

- **NAP** - Neutral Access Point to interface with external (ex ASEAN) clients
  - Inbound for Non-Asean investors
  - Inbound for FIX networks
  - Access to SGN

- **IAN** - Intra-ASEAN Network linking all 4 ASEAN Exchanges

- Standard Interfacing Protocols:
  - FIX for Order routing
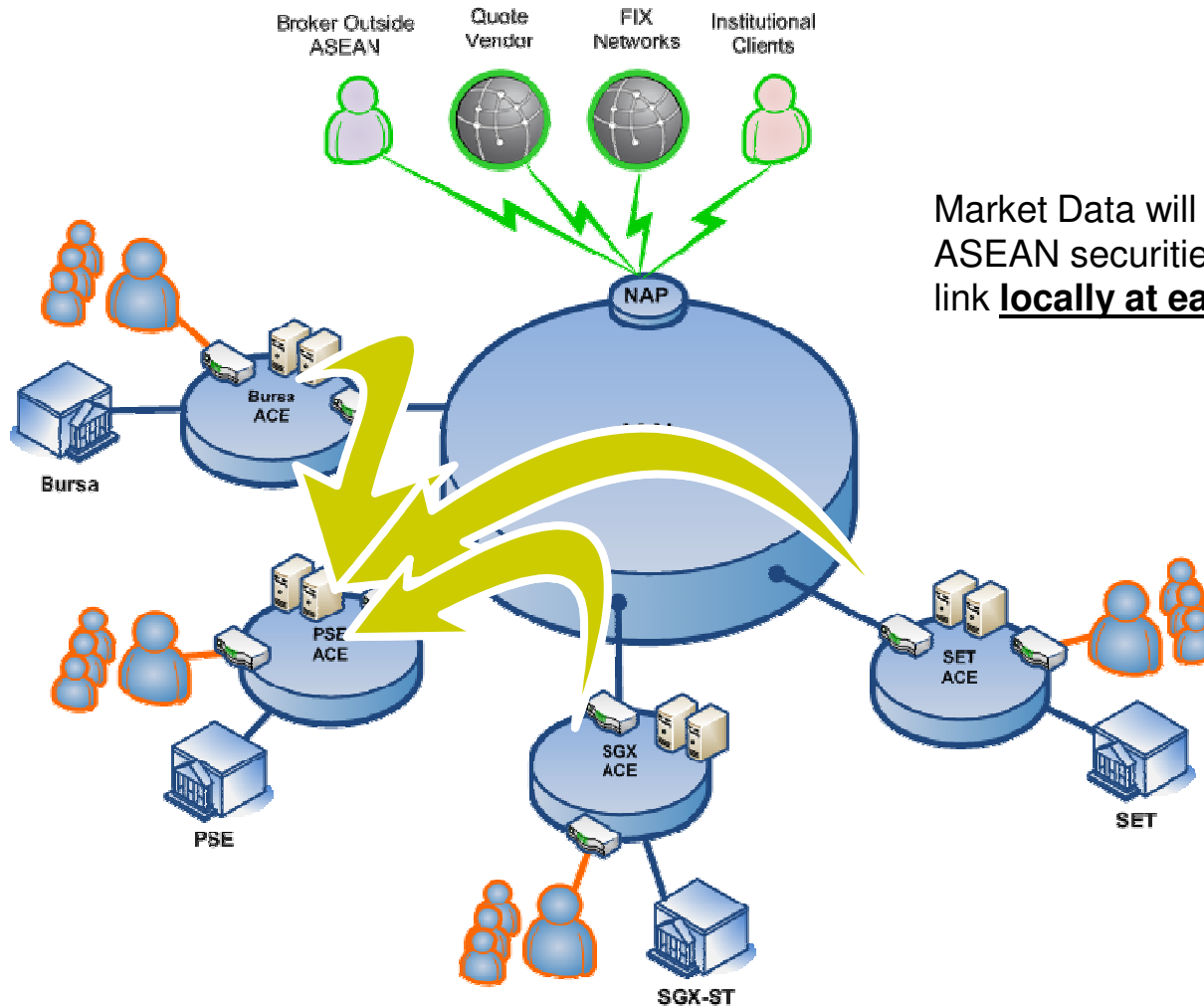 - FIX/FAST for market data

- Pre-trade risk management

ACE = ASEAN Common Exchange gateway

NAP = Neutral Access Point

IAN = Intra ASEAN Network

ASEAN Link – Order routing

Originating clients

Originating broker

Originating Broker (OB) send orders to the local ACE hosted by their local exchange

Orders are routed to and executed at the target exchange using local membership of the **Sponsoring Broker (SB)**
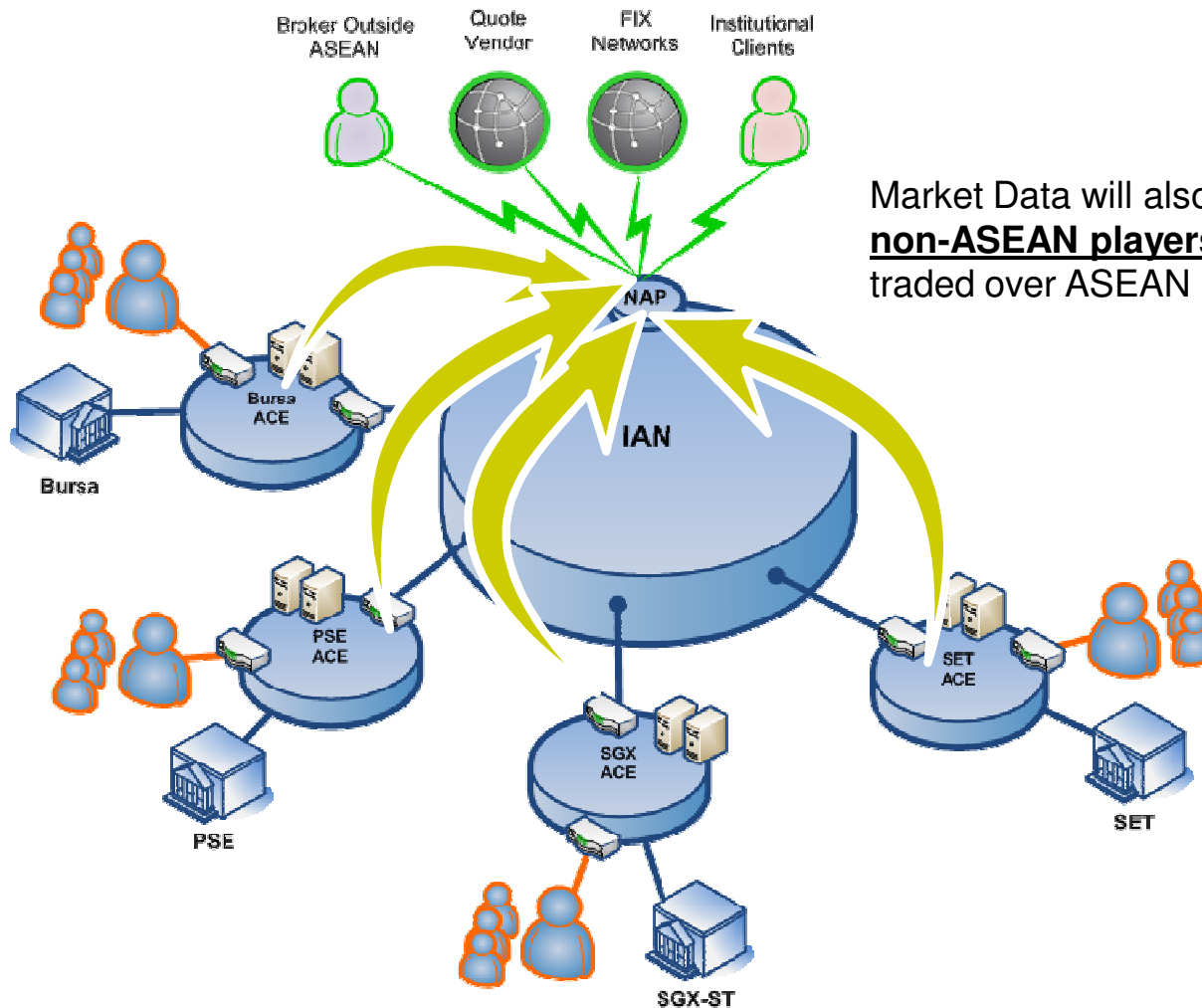
Sponsoring broker

ASEAN Link – Market Data

Market Data will be made available for ASEAN securities traded over ASEAN link **locally at each ACE**

ASEAN Link – Market Data

Market Data will also be made available to **non-ASEAN players** for ASEAN securities traded over ASEAN link **through the NAP.**

✓ **ASEAN Link – Order routing & Market Data protocols**

- Order routing – FIX (target version being FIX 5.0

- Market Data – FIX/FAST

- FIX rules of engagement (ROE) will be made available to ISV for interfacing at the end of September 2011 (tentative date)

- Actual FIX/FAST market data interface will only be available after launch. SunGard market data API shall be available as a substitute to be used at launch date.

✓ **Onboarding steps to ASEAN Link**

To fully access the ASEAN link Member will have to complete the following:

1. Subscribe to ASEAN link via their local exchange

2. Enter into an agreement with target exchange's members

3. Interface their existing ISV with the local ACE

ASEAN Link