



### The Cost of Change

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#### Change: The only constant

Three animated examples:

- Hong Kong (HKEX)
- India (NSE)
- Tokyo (TSE)





## Hong Kong

- 2006 Spreads reduced,
- 2010 Speed improvements
  - More quotes, less trades?





#### India

- The Introduction of electronic trading has been dramatic.
  - Q1 2009 introduction, immediate market impact





# Tokyo

- Arrowhead launched in January 2010
  - TSE now one of the fastest exchanges globally.
- Overnight impact to the liquidity profile





#### What do we learn?

- Access to liquidity is still key
  - Electronic tools are more important than ever
  - Traditional methods still vital
- The right tool at the right time
  - Algorithms
  - Dark pools & Crossing platforms
  - Only part of the execution toolkit





#### Thank you.