

7 August 2019

**MARKET DATA
INFORMATION DAY**

HKEX
香港交易所

Market Data
Markets Division

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Rundown

| | |
|-------------------|---|
| 4:30 pm – 4:45 pm | Opening Remarks and Overview |
| 4:45 pm – 4:50 pm | HKEX-IS Key Marketing Programmes |
| 4:50 pm – 5:10 pm | HKEX-IS Customer-centric Market Data Compliance Programme |
| 5:10 pm – 5:20 pm | HKEX Hosting Services |
| 5:20 pm – 5:35 pm | Shanghai Stock Exchange Overseas Market Data Services By China Investment Information Services Limited |
| 5:35 pm – 5:45 pm | Q&A |
| <hr/> | |
| 5:45 pm – 7:00 pm | Cocktail |



AGENDA

1

Opening Remarks and Overview – Winnie Poon, Head of Market Data

2

Key Marketing Programmes
– Jin Qian, Head of Data Licensing and Marketing, Market Data

3

Customer-centric Market Data Compliance Programme
– Lianna Liu, Head of Data Client Audit, Market Data

4

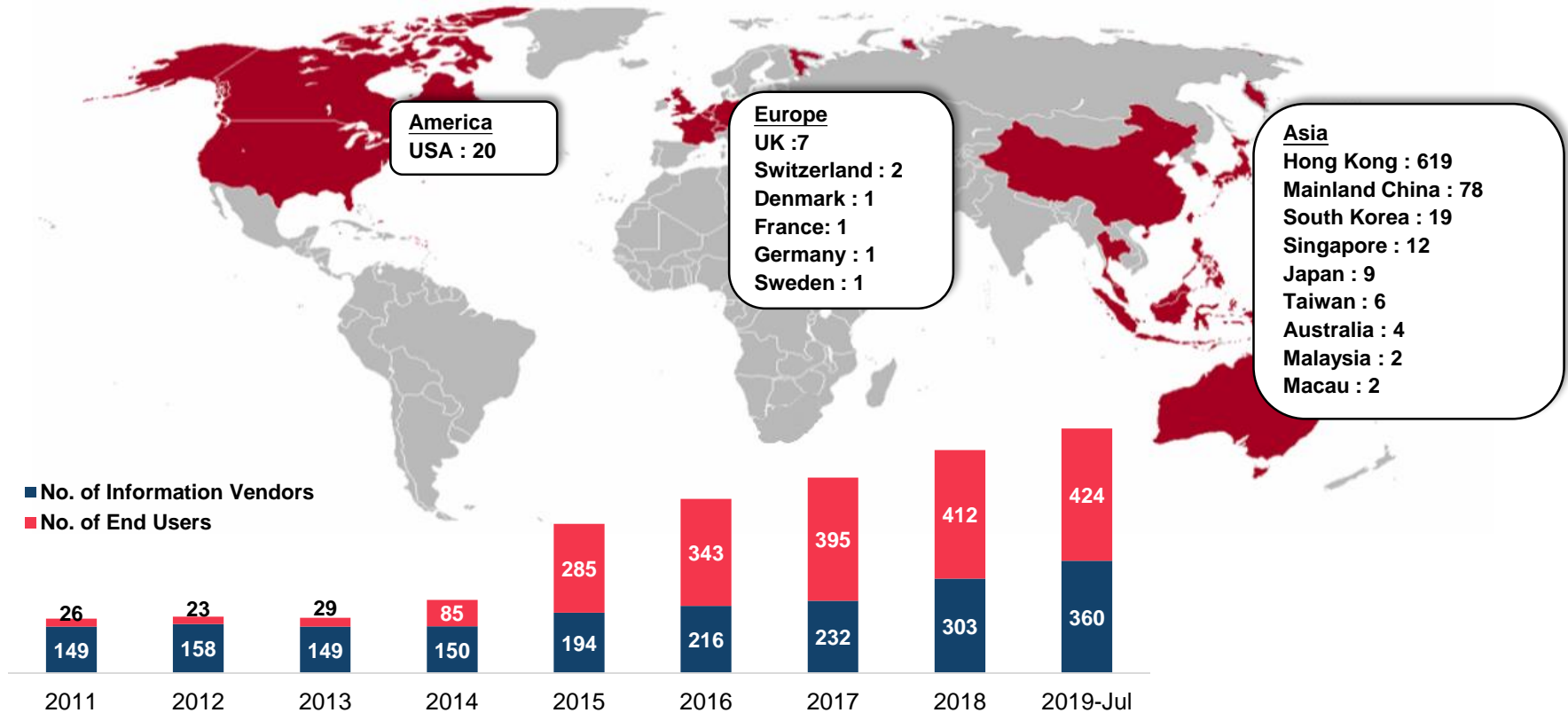
Hosting Services
– Andy Lee, Head of Hosting Services, Information Technology Division

5

Shanghai Stock Exchange Overseas Market Data Services
– Jane So, Head of Marketing, China Investment Information Services Limited



Client Overview



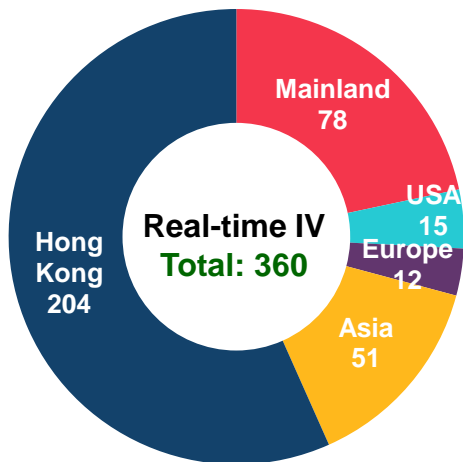
Market Data has over 700 Information Vendors and End-Users with countries of origin spanning across the globe

Exclude delayed data Information Vendors .

Client Overview (Real Time Data Clients)

- Vendors come from different industry segments
- End-Users are mostly EPs

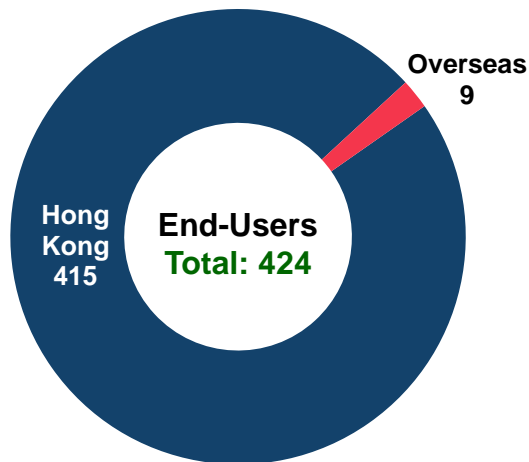
Market Data Vendor



| | |
|---|-----|
| Information business | 75 |
| Exchange Participants & affiliates | 168 |
| Banks, buy-sides & other financial institutions | 59 |
| Mainland Brokers | 25 |

| | |
|--------------------------------------|----|
| Media | 11 |
| Telecommunications service providers | 2 |
| System vendors | 17 |
| Niche players | 3 |

Market Data End-User



By
Region

By
Industry

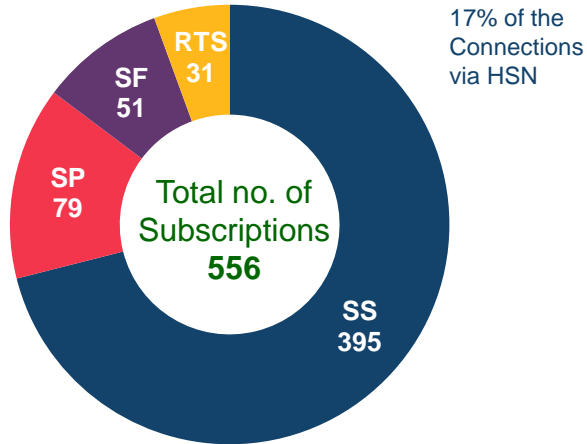
| | |
|---------------------------|-----|
| Exchange Participants | 412 |
| Non-Exchange Participants | 12 |



As of Jul 2019

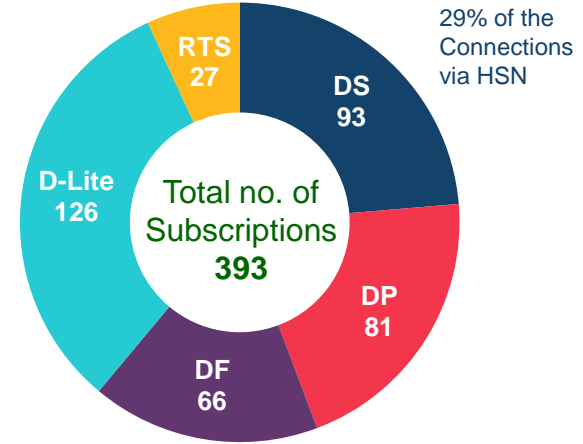
OMD Subscription Status of Direct Connection Clients

OMD - Cash



SS: Securities Standard (12 Connections from MMDH)
SP: Securities Premium
SF: Securities FullTick
RTS: OMD-C Additional RTS

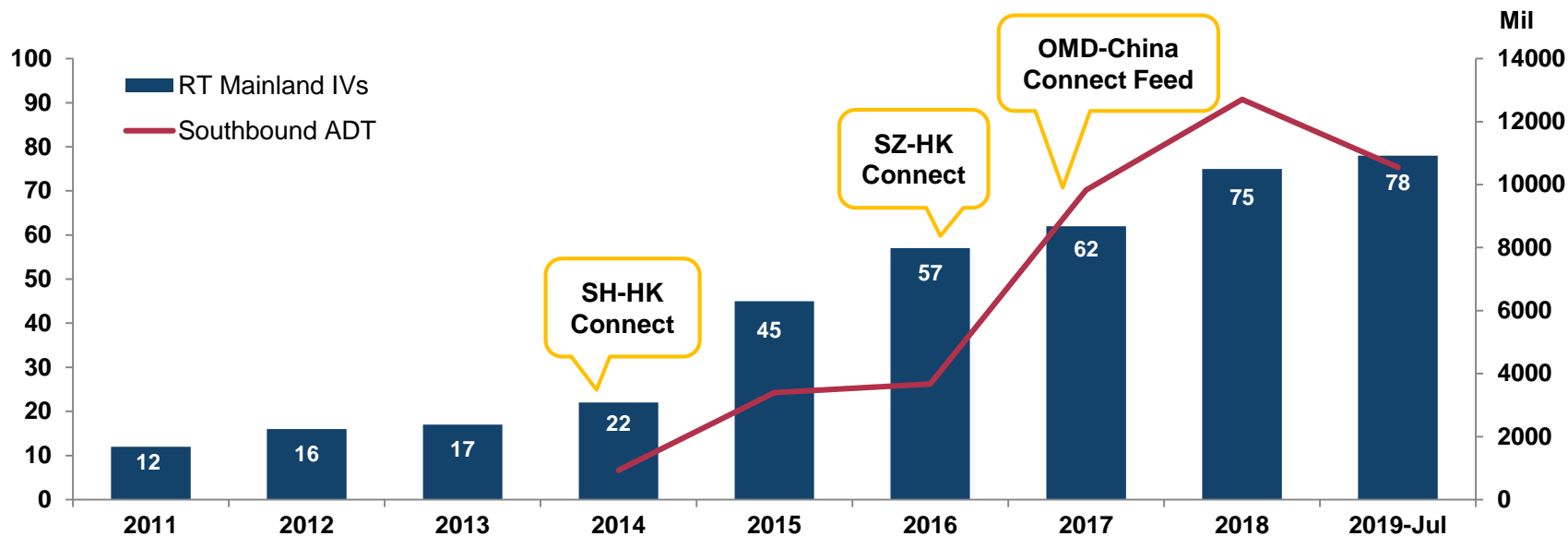
OMD - Derivatives



DS: Derivatives Standard
DP: Derivatives Premium
DF: Derivatives FullTick
D-Lite: Derivatives Lite (for EPs)
RTS: OMD-D Additional RTS



Stock Connect Related Initiatives



| 2014 | 2015 | 2016 | 2017 |
|------|------|------|------|
|------|------|------|------|

- 1-depth Data Exchange *
- Stock Connect Free Trial
- Volume Discount
- Fixed Fee for SB Brokers
- Daily Charge Service
- IIS Promotion
- One-year Fixed Fee
- Enhanced Volume Discount
- Mobile Application Service



* By 2019 July 187 CCEP enrolled

Way Forward

Technology Empowered

Modernize our online distribution platform of data products & client interfacing service



China Anchored

Continue our promotion in Mainland marketing to support Stock Connect



Globally Connected

- Promote global access to our data products with internet and cloud technology
- Diversify variety of data products to fit client demand from different segments around the globe



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Marketing Initiatives

Cash

OMD Free Trial Programme

One-Year Fixed Fee Programme

Fixed Fee Programme on 5 Depths
of Southbound Eligible Stocks

Marketing Programme for Mobile Application Service

Mainland China Discount Programme

Basic Market Price Service

Daily Charge Service Programme

Enhanced Volume Discount Scheme

Promotion Programme on Issuer Information
Feed Service

Derivatives

OMD Free Trial Programme

Derivatives Market Data Distribution
Partnership Programme

Basic Market Price Service

Marketing Programme for New Derivatives Products



Marketing Initiatives - OMD Free Trial Programme

- Three months of free data
- Corporate internal usage only



OMD Real-time Datafeeds

- OMD Premium and FullTick datafeeds for both securities & derivatives markets
- Direct connection
- Waived Licence Fee, Connection Fee, Subscriber Fee
- ~ 90% conversion rate

- Historical Full Book for securities & derivatives markets (binary or CSV)
- Download from HKEX website
- Waived Subscription Fee
- 66 sets of data granted



Historical Full Book Data



Historical Data Products

A variety of historical and reference data available via online subscription

Order Book

- Historical Full Book
- Trade File
- Trade Record

Statistics

- Month-end / Day-end Closing Data
- Short Selling Data

Reference Data

- Stock Master File
- Stock Static Data

Corporate Documents

- Annual Reports
- Entitlement Records

Shanghai and Shenzhen Connect

- Monthly / Daily Statistics
- Northbound Eligible Stock List

The screenshot displays the HKEX website's 'Historical Data Services' page. The navigation bar at the top includes 'MARKET DATA', 'PRODUCTS', 'SERVICES', 'LISTING', 'NEWS', and 'MUTUAL MARKET'. The main content area features a sidebar with a 'Services' menu containing 'Trading', 'Connectivity', 'Market Data Services', 'Real Time Data Services', and 'Historical Data Services'. The 'Historical Data Services' section is expanded, showing a description: 'HKEX provides a wide range of historical data products on Hong Kong's securities and derivatives markets generated from its own trading systems to meet market needs. The data can be used for reference, and can be valuable for performing technical and quantitative research analysis, forecasting and other purposes.' Below this, a list of services is shown: 'Historical Data', 'Others', and 'EMSIS Service'. The page is updated as of 14 Dec 2016.



Policy Updates

The following policies are under review and updates will be provided in due course



Basic Market Prices Service (2011): 53 participants

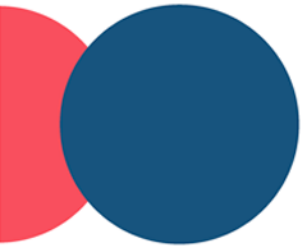


Marketing Programme for New Derivatives Products (2013): 58 participants



Marketing Programme for Mobile Application Service (2017): 61 participants





Reach Us at

MarketData@hkex.com.hk

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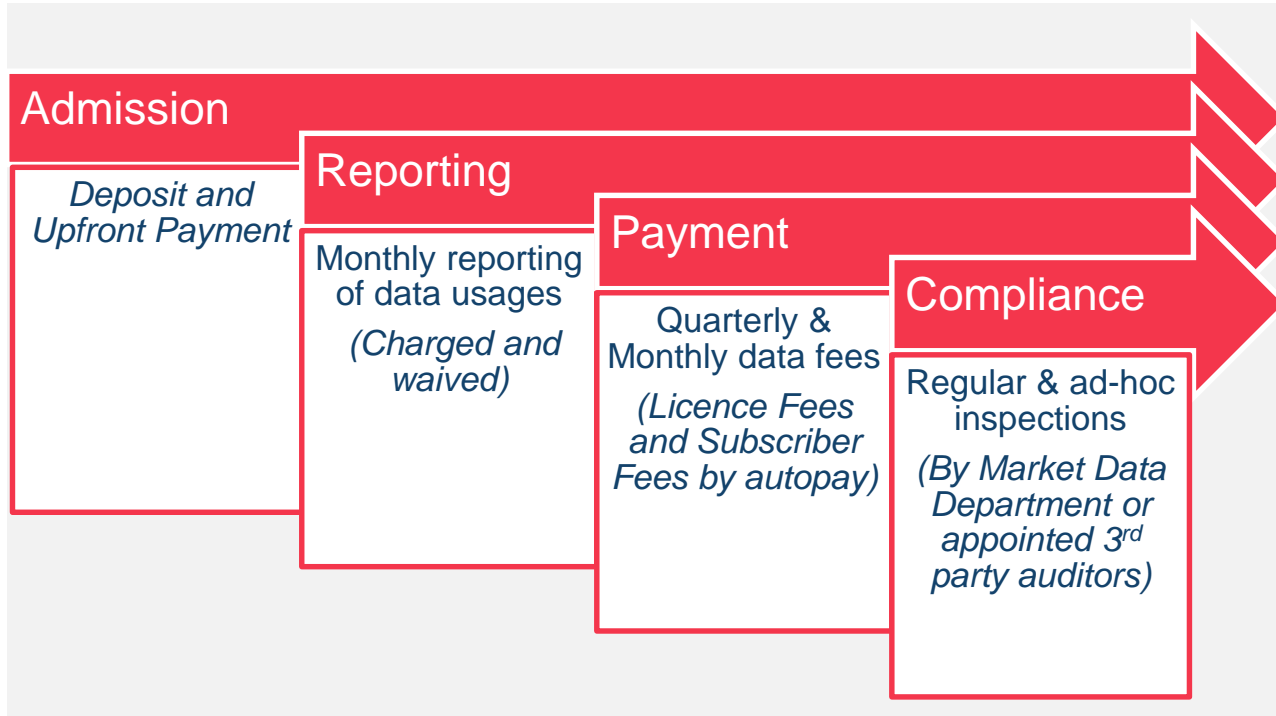
Market Data Compliance



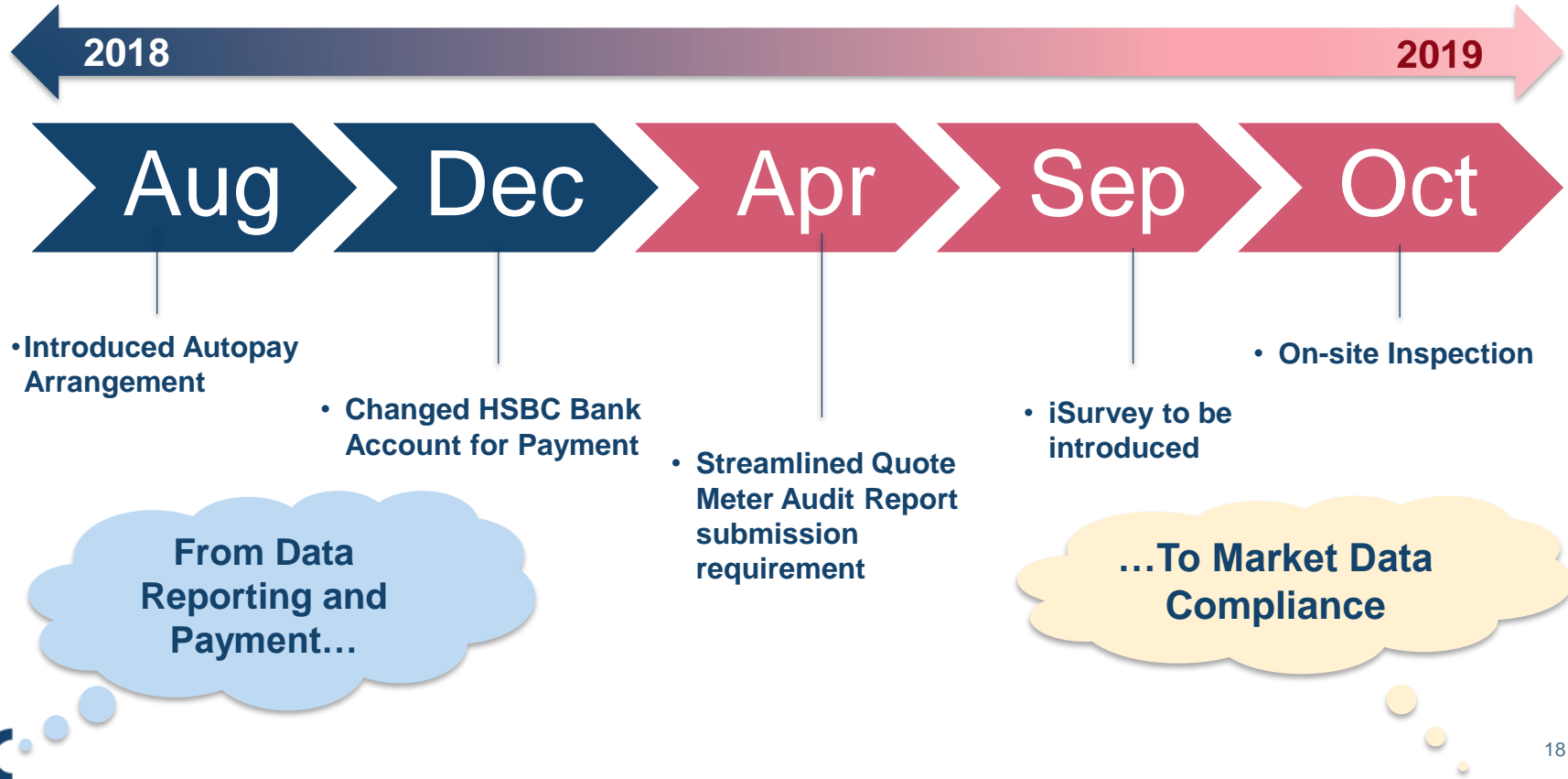
Information
Vendors



End-Users



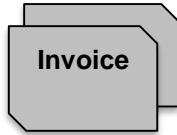
Customer-centric Initiatives



Autopay Arrangement



*Licence Fees,
Connection Fees,
Subscriber/Individual
User Fees*



Invoice

- Preset payment date
- Avoid duplicate or overpayment

**Timely
Payment**

- Preset payment date
- Build good credit history

**Avoid
Penalty
Interest**

**Mitigate
Risk**

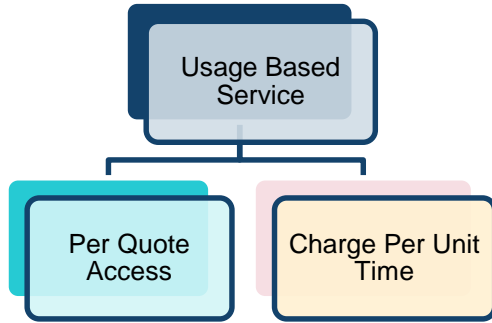
**Time
and Cost
Saving**

- Better book keeping
- Easy reconciliation

- Effortless payment
- Less administrative work



Quote Meter Audit Report Submission Requirement



- ❑ Applicable to Licensees providing **Usage Based Services**
- ❑ To certify the quote metering system recording fee-liable access

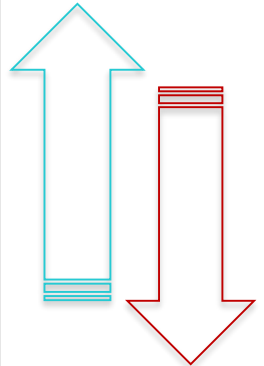
Effective April 2019, Report Submission requirements are streamlined to allow:

- Submission on an **annual basis**
- Audit certified by a **3rd party auditor**
- Audit Fee at Licensees' **own cost**
- **Possible overlapping** on-site inspection and quote meter audit



- **One submission** in first year after Licensees launched the service, **no recurring submission**
- **Audit certified by a 3rd party auditor** OR **Internal auditor/accountant** (with an authorized signatory)

efficiency



cost



Introduction of iSurvey

❑ Objective:

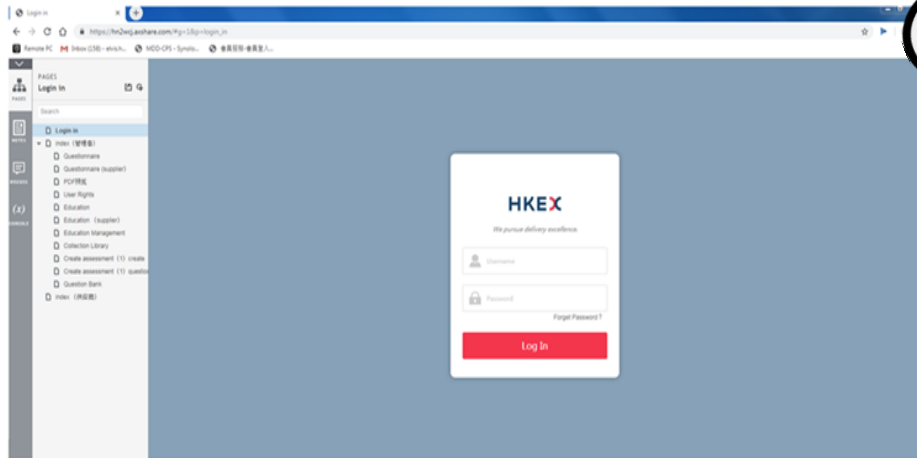
- Helps minimize risk for Licensees in a proactive and cost-effective way

❑ Communication:

- Enhance communication on market data policies with Licensees

❑ Self-Declaration:

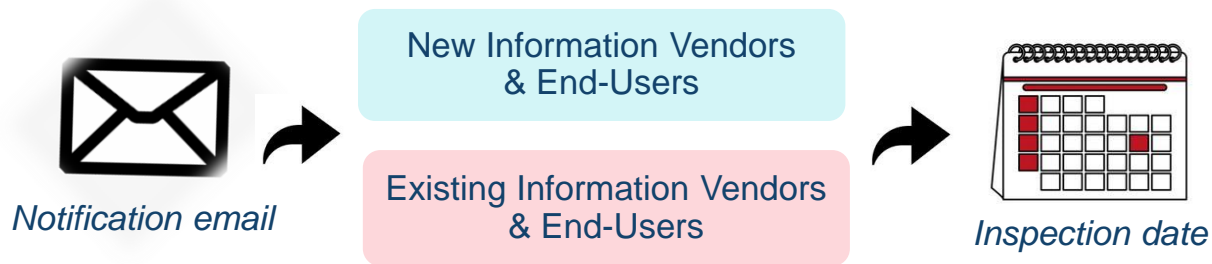
- Immediate review and easy assessment of compliance level to avoid potential violation



The iSurvey will be performed by an HKEX-IS authorized auditor **Ernst & Young** in 2019-Q3, Licensees will receive an email invitation from iSurvey@cn.ey.com, Licensees are required to complete a short survey for assessment of further visits.



2019 Market Data On-site Inspection



By Data Client Audit Team/HKEX-IS appointed independent auditors will schedule a visit regarding:

- Data permissioning, billing and reporting systems
- Ensure accurate reporting of display and/or non-display data usages according to entitlements
- Technical control implemented to disallow concurrent access by same login ID
- Technical control implemented as required under specific Marketing Programmes
- Audit trail maintained



Friendly Reminders

Specific Requirements under Marketing Programmes

| | |
|---|--|
| <p>Restricted real-time L1/L2 Securities data access within Mainland China for Mainland China Discount, Mobile Application Service, Fixed Fee Service (5-depths, One-Year Fixed Fee)</p> | <p>Technical Control e.g. Subscriber address/IP</p> |
| <p>Technical Control e.g. Subscriber address/IP</p> | <p>Restricted real-time L1/L2 Derivatives data access to 11 regions: Mainland China, Japan, Korea, Singapore, Taiwan, Australia, New Zealand, Malaysia, India, Thailand and Vietnam)</p> |
| <ul style="list-style-type: none">▪ Update of data per user's request but not streaming basis▪ Restrict provision of more than 20 securities under top 20 lists / portfolio valuation etc. | <p>Data Control e.g. no streaming</p> |



Friendly Reminders

DIRECT DEBIT AUTHORISATION (Generic Set-up) 直接付款授權書

Note 注意: 1. Please tick when applicable. 請在適當的地方加上標記。

- For HSBC Customers, please return the completed form to the Bank or mail to Automatic Payments Centre, Payment Services at P O Box 72,677, Kowloon Central Post Office, Kowloon, Hong Kong. You may also set up the direct debit authorisation through HSBC Internet Banking. For non HSBC customers, please complete and return this form to your bank.
- For HSBC customers, please complete and return this form to your bank. 請將填妥的表格交回貴行或寄往香港中區郵政總局第 72,677 號信箱或匯豐銀行網際中心。非香港匯豐客戶，請將填妥表格交回貴行的往來銀行。
- Your Direct Debit Authorisation set up request will normally be processed within 4 working days (excluding Saturday, Sunday and public holiday) upon receipt of your form. 填妥後，本行將處理您的直接付款授權書申請，約需 4 個工作天（包括星期六、日及公眾假期）處理完畢。

Date 日期

| | | | |
|--|---------------|-----------------|------------------|
| Name of Party to be Credited (The Beneficiary) 收款的一方 (收款人) | Bank No. 銀行號碼 | Branch No. 分行號碼 | Account No. 戶口號碼 |
| HKEX INFORMATION SERVICES LTD | 0 0 4 | 7 4 1 | 0 5 7 6 6 0 0 1 |

| | | | |
|---|---------------|-----------------|------------------------------|
| My/Our Bank Name and Branch (本/我們的銀行及分行的名稱) | Bank No. 銀行號碼 | Branch No. 分行號碼 | My/Our Account No. 本/我們的戶口號碼 |
| | | | |

My/Our Name(s) as recorded on Statement/Passbook (在結單/存摺上所記錄的名稱) (以英文書寫)

| | | |
|------------------------------|--|---|
| Contact Telephone No. 聯絡電話號碼 | Maximum Limit for Each Payment 最高付款限額 | Expiry Date (date/month/year) 限期日 (日/月/年) |
| | Note: If blank, the debtor's bank will set up a limit. 備註: 若空白, 債權人銀行將設上限額。 Each Payment 每月 | Note: If blank, this authorisation shall have effect until further notice and Expiry Date should be specified. 備註: 若空白, 此授權書將繼續生效直至另行通知。若限期日應予指定。 |

My/Our Address as recorded on Statement/Passbook 本/我們的地址

Debtor Name (in Block Letters) 債權人名稱 (請以英文書寫)

Debtor Reference (Compulsory Field) 債權人編號 (必須填寫)

Declaration (For HSBC Customer Only) 聲明 (只適用於匯豐客戶)

- I/we hereby authorise my/our above named Bank to effect transfer from my/our account to that of the above named beneficiary in accordance with such instructions as my/our Bank may receive from the beneficiary and/or its banker and/or its bank or its correspondent from time to time provided always that the amount of any one such transfer shall not exceed the limit indicated above. 本人(等)向債權人(等)的戶口作轉帳上收收人, 惟每次轉帳金額不得超過以上指定的限額。
- I/we agree that my/our Bank shall not be obliged to accept or reverse notice of any such transfer or reversal notice has been given to me/us. 本人(等)同意本人(等)的銀行毋須接受或轉帳通知或轉帳通知反以英文字本人(等)。
- I/we jointly and severally accept full responsibility for any overdraft (or increase in existing overdraft) on my/our account which may arise as a result of any such transfer. 本人(等)共同及個別地接受本人(等)的戶口任何溢額(或增加現有的溢額)之責任。
- I/we understand that I/we must maintain sufficient funds in the account one business day (before the close of branch banking hours) before the transfer date (as specified in the instructions received by my/our Bank from the beneficiary and/or its banker and/or its bank or its correspondent from time to time) for the transfer authorised herein. I/we agree that should there be insufficient funds in my/our account to meet any transfer authorised herein, my/our Bank will be entitled, at its absolute discretion, not to effect such a transfer in which event the Bank may level off usual charges and may cancel this authorisation at any time without notification to me/us. For the avoidance of doubt, the Bank may cancel this authorisation at its sole discretion at any time without prior notice. 本人(等)理解本人(等)應在指定轉帳日期(即根據本人(等)的銀行所收人或其往來銀行及/或代理行不接收的指示)前一個營業日(即分行營業時間內), 在戶口內維持足夠款項以作轉帳。本人(等)同意本人(等)的銀行毋須接受或轉帳通知或轉帳通知反以英文字本人(等)的銀行可取消此項授權書, 而無需事先通知。本人(等)為免疑問, 本人(等)的銀行可隨時行使其絕對酌情權以取消此項轉帳通知或轉帳通知。本人(等)。
- This direct debit authorisation shall have effect until further notice or until the expiry date written above (whichever shall first occur). I/we agree that if no transaction is performed on my/our account under this authorisation for a continuous period of 30 months, my/our Bank reserves the right to cancel the direct debit arrangement without prior notice to me/us, even though the authorisation has not expired or there is no expiry date for the authorisation. 本人(等)理解此項直接付款授權書將繼續生效直至另行通知或上述所寫的限期日為止, 以較先發生的日期為準。本人(等)同意本人(等)的銀行保留在連續 30 個月內未有根據本授權書作出過賬的紀錄, 本人(等)的銀行保留隨時取消本直接付款授權書或另行通知本人(等), 即使本授權書並未到期或有註明限期日。
- I/we agree that any notice of cancellation or variation of this authorisation which I/we may give to my/our Bank shall be given at least two working days prior to the date on which such cancellation or variation is to take effect. 本人(等)同意, 本人(等)若向本人(等)的銀行發出本授權書的任何取消、更改或生效日期減少兩個工作天之通知字本人(等)的銀行。

My/Our Bank Account Signature(s) 本/我們的銀行戶口號碼

| | | |
|------------------------|----------|-------------|
| X | Remarks | Branch Chop |
| | | |
| For Bank Use Only 銀行專用 | | |
| >> APC-NSC | Staff ID | |

Open Limit

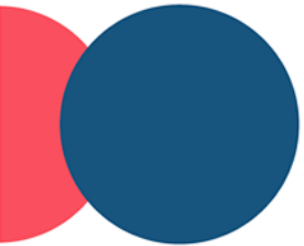
SIGN AND MAIL / DELIVER

Authorisation Form (Download [Link](#))

To: HKEX Finance Division
23/F, One Exchange Square
8 Connaught Place
Central, Hong Kong

Same signature as your bank account signature





Reach Us at

DataClientAudit@hkex.com.hk

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The HKEX Data Centre

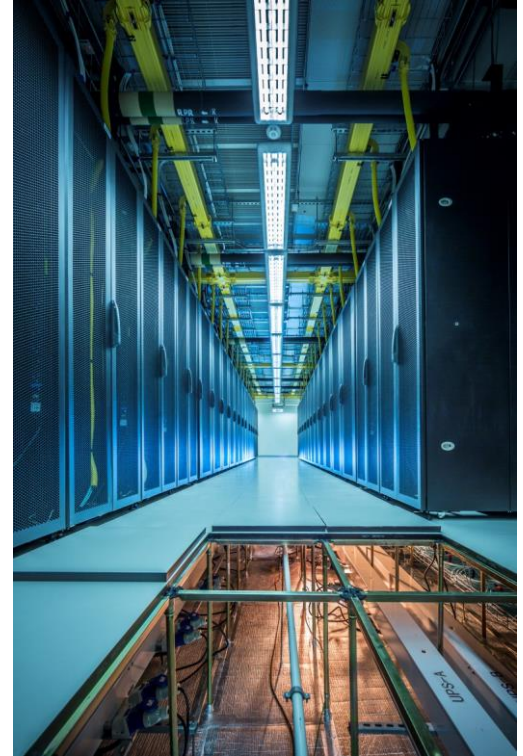
- Total floor area of 31,400 square meters
- State-of-the-art purpose built facility, owned and operated by HKEX
- Designed to meet Tier 4 and LEED Gold Rating specifications
 - Dual incoming utility power from separate substations
 - Dual TBE rooms and risers to support Telco diversity
- HKEX primary Enterprise Data Centre
 - Production site for Securities & Derivatives markets, Market Data and Clearing
- HKEX Hosting Services Data Centre
 - 2 floors dedicated
 - Support up to 1,200 racks at 6kVA/rack



HKEX Hosting Services

Benefit to Users

- Highly resilient and secure data centre
- Low latency access to HKEX Securities and Derivative markets
- Low latency direct HKEX market data feeds
- Carrier neutral with broad telecommunications carrier access
- Interactive ecosystem environment supporting electronic trading



HKEX Hosting Services

Innovative Services

- Among the first exchange pioneering collaborative Hosting Services Ecosystem



Low Latency
Market Access



Algorithmic
Trading



Real-Time
Market Data



Global
News Feed



Risk
Management



Analytics



HKEX Hosting Services

List of Ecosystem Members

Information Vendors



Application Service Vendors



Financial Technology Service Providers



HKEX Hosting Services

List of Ecosystem Members

Network Service Providers

AVELACOM



cogent

colt



Connecting opportunities



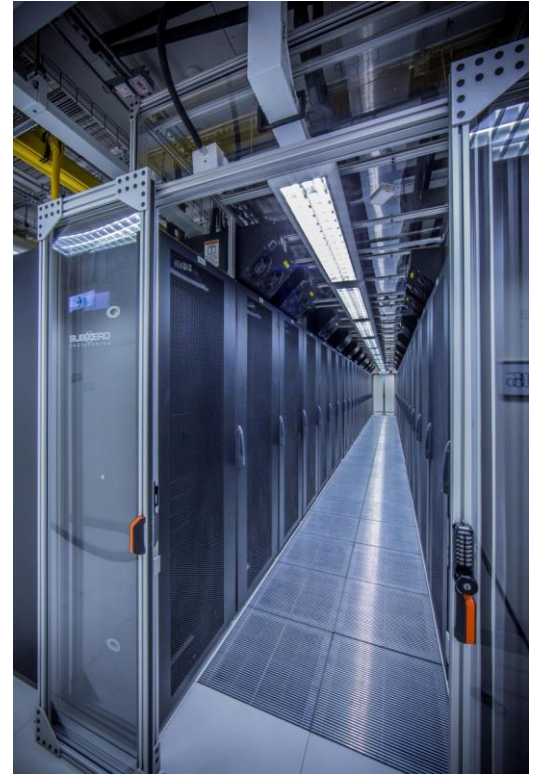
TRAXcomm



HKEX Hosting Services

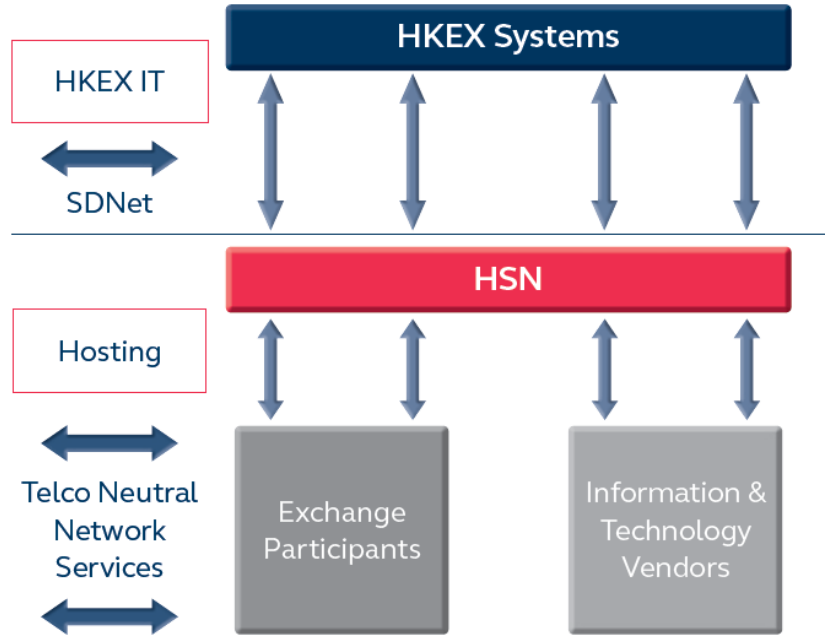
Data Centre Services

- Phase one with around 320 racks available for application
- Cold aisle containment with supplementary cooling to support 6kVA / rack
- 24x7 electrical and mechanical facility management and monitoring
- 24x7 on-site multi-level physical security management
- Remote hands service



HKEX Hosting Services

Connectivity Services



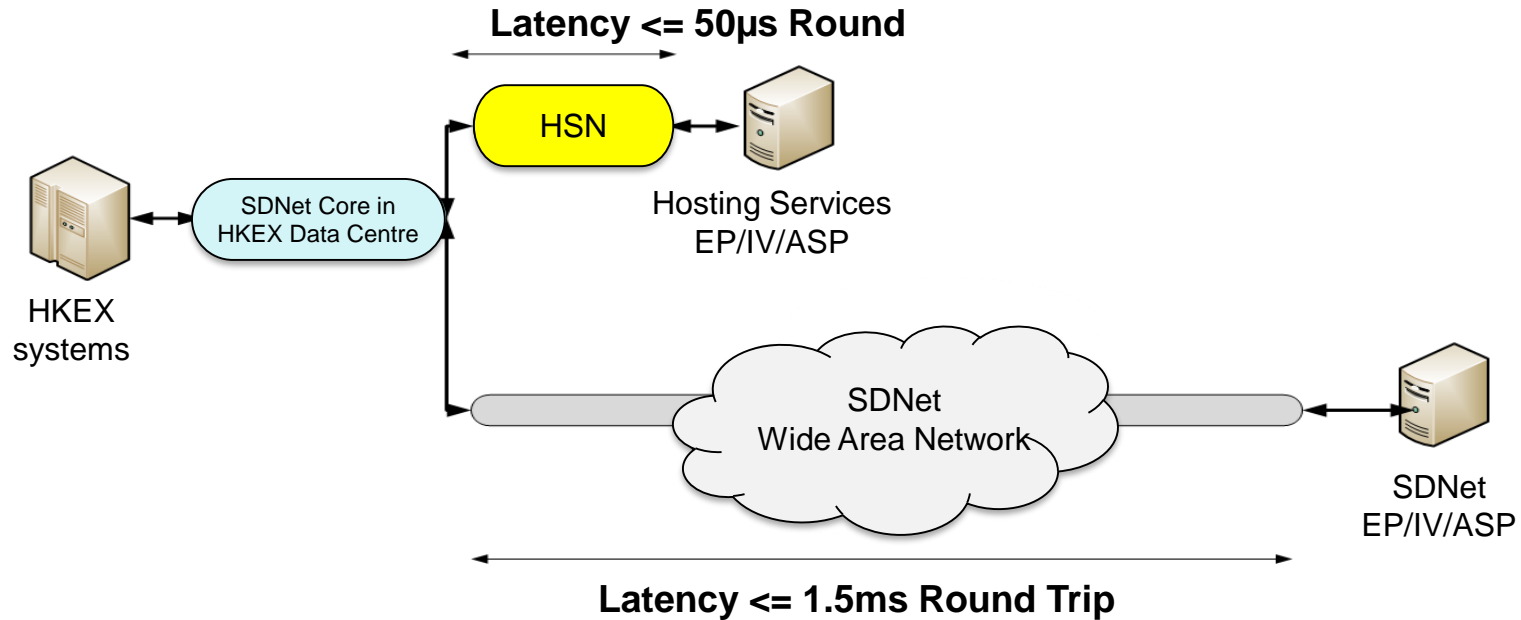
- **HKEX Service Network (HSN)** provides eligible users consolidated connection to HKEX market data, trading and clearing systems
- **Cross Connect (XCN)** puts ecosystem members in touch through direct copper or fiber connection



HKEX Hosting Services

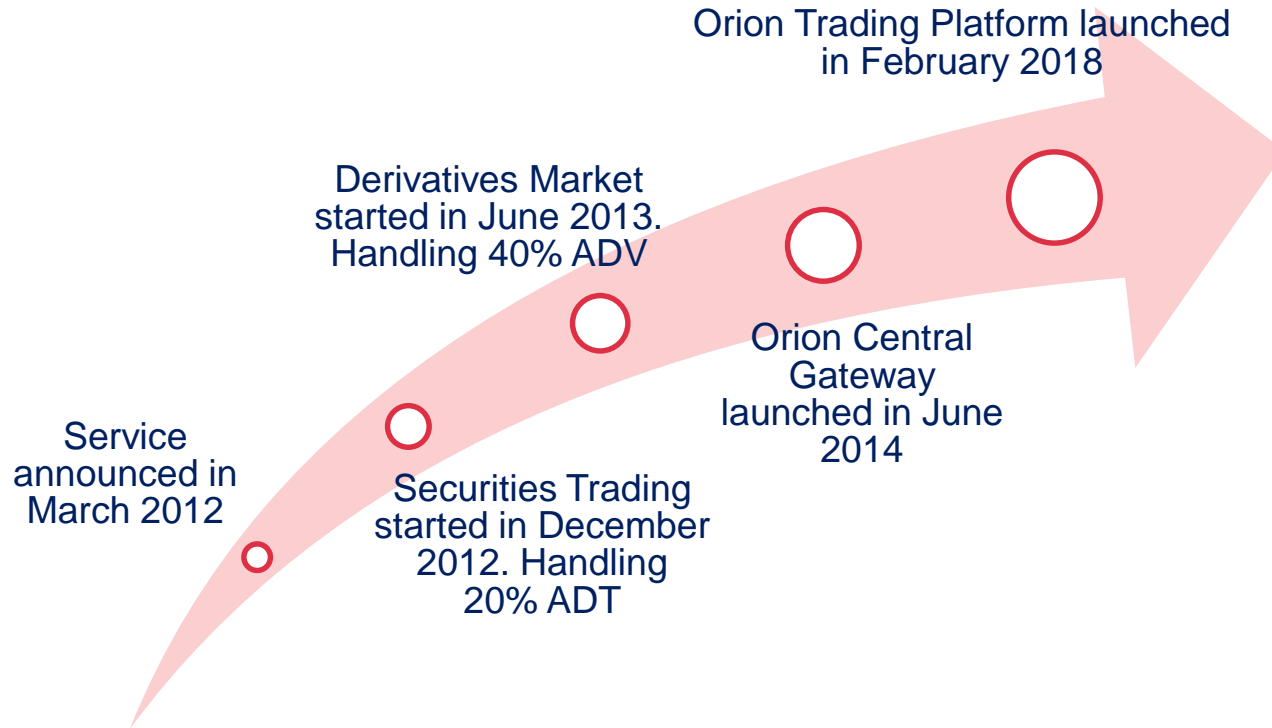
HKEX Service Network (HSN) Estimated Latency Benefit

HSN offers consolidated connection to HKEX Systems



EP= Exchange Participant
IV = Information Vendor
ASP = Application Service Provider

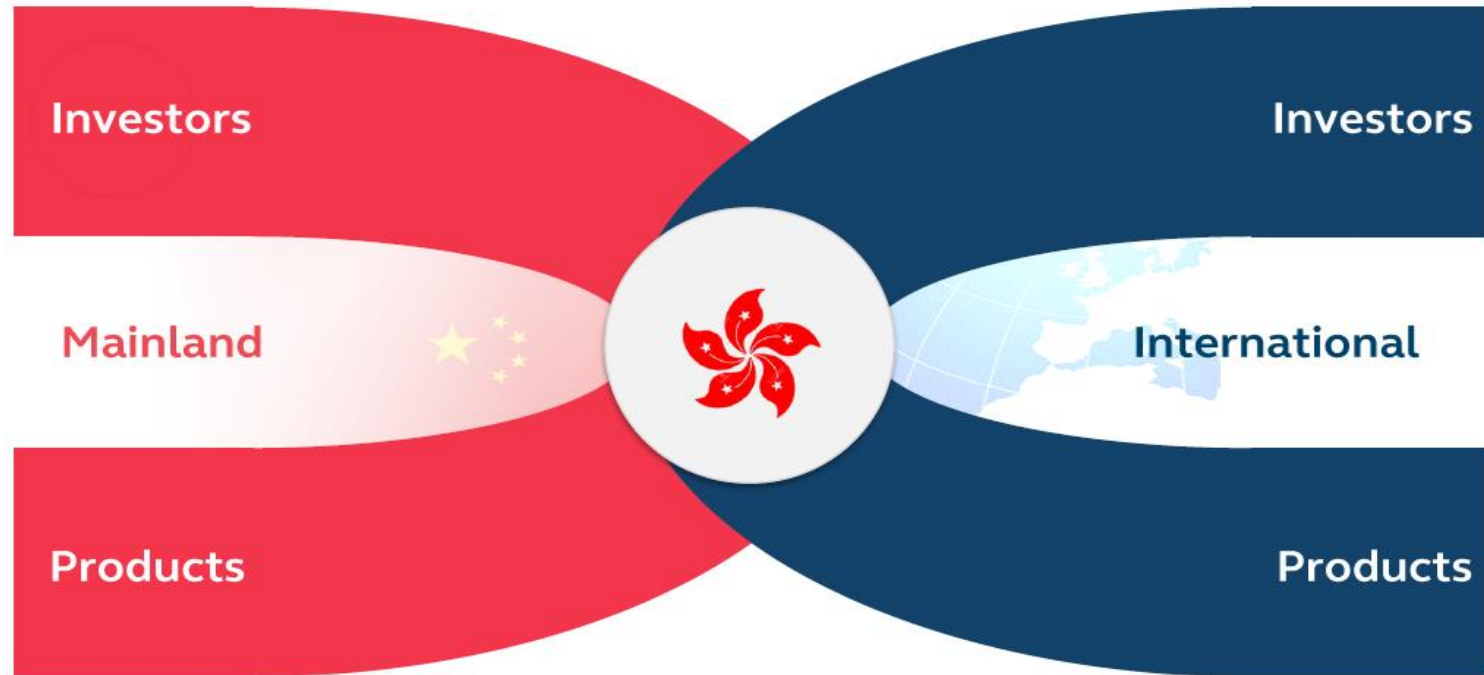
Hosting Services Progress Review

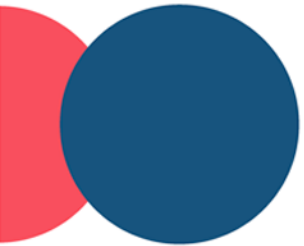


ADT = Cash Trading Average Daily Turnover
ADV = Derivatives Market Average Daily Volume

China Connectivity

28 Exchange Participants connecting to Shanghai and Shenzhen Stock Connect through HSN





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– Andy Lee, Head of Hosting Services, Information Technology Division
- 5 Shanghai Stock Exchange Overseas Market Data Services
– Jane So, Head of Marketing, China Investment Information Services Limited



Shanghai Stock Exchange Overseas Market Data Services

August 2019



Agenda

- 1. About China Investment Information Services Ltd.
(CIIS)**
- 2. CIIS Products**
- 3. Connectivity Services**

1. About CIIS

A. Background

- Established in Hong Kong in 1994
- Wholly owned subsidiary of Shanghai Stock Exchange (SSE)
- SSE market data business:
 - SSE INFONET Co., Ltd. - in charge of the licensing and operation of SSE market data *in mainland China*
 - CIIS - in charge of the licensing and operation of SSE market data *outside mainland China, including Hong Kong, Macau and Taiwan*

1. About CIIS

B. Overview of SSE INFONET Co., Ltd.

Main Businesses

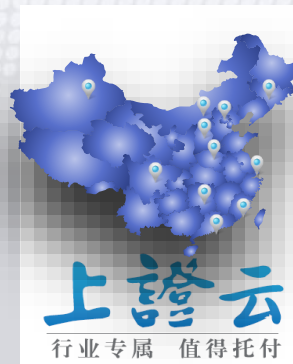
- Handle licensing and development of SSE market data
- Develop and maintain SSE cloud platform
- Develop and maintain SSE website and mobile app
- Provide services for members, listed companies and investors



SSE Website



SSE Mobile App



Roadshow

1. About CIIS

C. CIIS Products and Services

I. SSE Market Data Operation and Licensing in overseas market

- SSE Level-1 and Level-2 market Data

- SSE Fundamental data to overseas vendors and end users

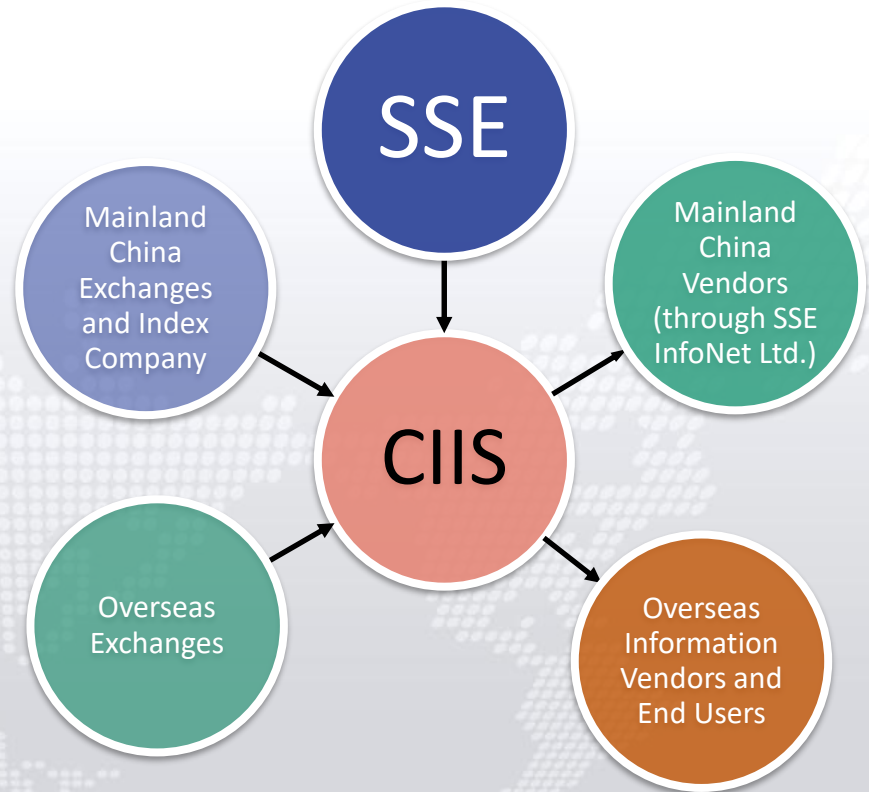
- Historical data, information disclosed by listed companies in XBRL format, listed company announcement, corporate action information, etc.

1. About CIIS

C. CIIS Products and Services

II. Technical Connections for:

- SSE market data
- Mainland China market data
- Overseas market data
- Market data via Cloud (*planning*)



1. About CIIS

C. CIIS Products and Services

III. CIIP

- China Investment Information Platform (CIIP) aims to provide an aggregate business and technical platform for overseas information vendors and datafeed end users to receive mainland China investment market data, and mainland users to receive overseas investment market data.

Overseas Exchanges



1. About CIIS

C. CIIS Products and Services

III. CIIP

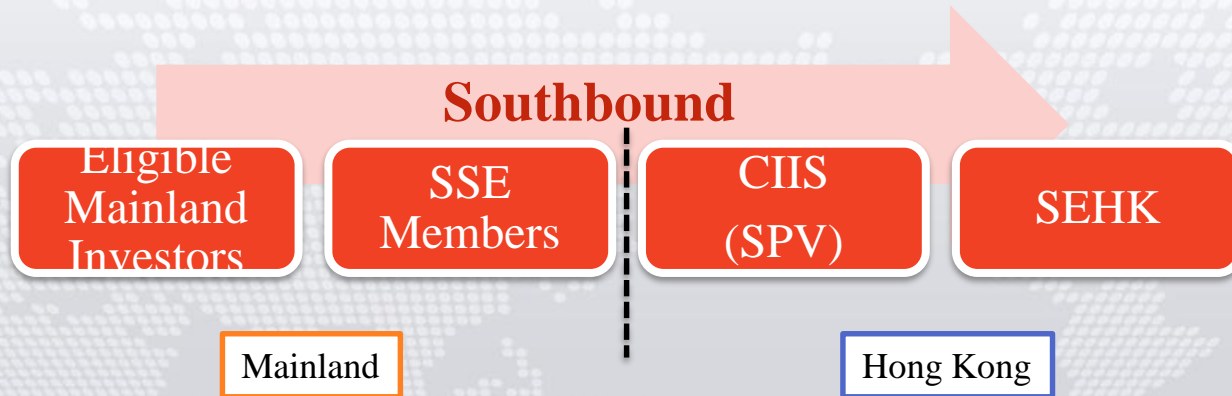
Mainland Exchanges and Index Provider



1. About CIIS

E. SPV of Shanghai – Hong Kong Stock Connect

- CIIS acts as a Securities trading service company
- Serves as an order routing facilitator to place southbound orders



1. About CIIS

E. SPV of Shanghai – Hong Kong Stock Connect

- Mainland investors can trade eligible securities for trading under the southbound of Shanghai-Hong Kong Connect through CIIS
- Southbound orders are routed through CIIS to HKEx
- CIIS broker No.: 6996, 6997, 6998, 6999

| 買入 | | | 6.170 | 6.180 | | | 賣出 |
|------|------|--------|-------|-------|------|------|------|
| 6998 | 2015 | 中國投資信息 | 6098 | 1409 | 7389 | 0696 | 5467 |
| 1477 | 8949 | 6999 | 6098 | 1453 | 7389 | 7183 | 7389 |
| 8908 | 8577 | 5883 | 9023 | 5334 | 7389 | 6389 | 3288 |
| 8279 | 9063 | 2311 | 8578 | 7389 | 7389 | 6387 | 9065 |
| 2979 | 8188 | 0316 | 8117 | 7389 | 7389 | 1453 | 0229 |
| 4409 | 8169 | 6098 | 8577 | 7389 | 3265 | 7367 | 5468 |
| 8169 | 8136 | 0690 | 8949 | 3347 | 9069 | 7364 | 0229 |
| 6996 | 4409 | 8908 | 5882 | 7389 | 0346 | 7364 | 5465 |
| 2310 | 2310 | 8597 | 6997 | 7389 | 5468 | 7359 | 0816 |
| 8575 | 1799 | 6998 | 1799 | 7389 | 7389 | 7389 | 7125 |

2. CIIS Products

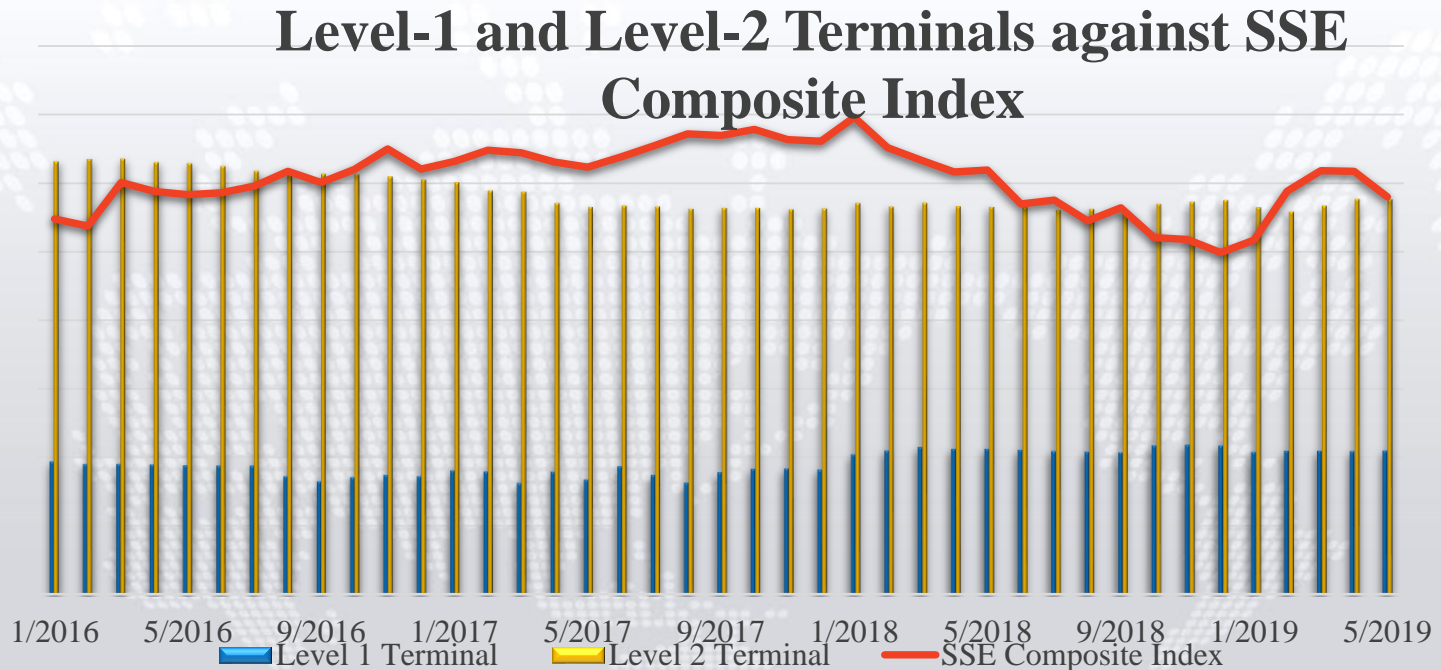
A. Overview

| | No. of Licensed Information Vendors |
|-------------------------------|-------------------------------------|
| Real Time Level-1 Market Data | 43 |
| Real Time Level-2 Market Data | 20 |
| Delayed Level-1 Market Data | 44 |
| Real Time China Indices Data | 54 |
| Delayed China Indices Data | 78 |

As of 1 July 2019

2. CIIS Products

A. Overview



As of 31 May 2019

2. CIIS Products

A. Overview

SSE Market Data Includes Cash and Derivative Market Data:

Cash Market

- ◆ Equities
 - *A shares, B shares*
- ◆ Bonds
 - *Government bond, local government bond, corporate bond, etc.*
- ◆ Funds
 - *Open-ended fund, closed-ended funds, ETF, etc.*

Derivative

- ◆ Stock Options

2. CIIS Products

B. SSE Market Data

Level-1 Vs Level-2 Market Data

| Item | Level-1 | Level-2 |
|---|-----------|---|
| Format | TXT/FAST | FIX/FAST |
| Update Frequency | 3 seconds | 3 seconds |
| Bandwidth Requirement | 4Mbps | 10Mbps |
| Market Depth | 5 levels | 10 levels |
| Order Information | Nil | Quantity of each of the top 50 orders at the best bid/offer price |
| Tick by Tick | Nil | Yes |
| Weighted Average Bid/Offer Price | Nil | Yes |
| Stock Connect Quota Information | Nil | Real time southbound quota information |

2. CIIS Products

B. SSE Market Data

A-Share Data from Stock Connect VS from CIIS

| | From HKEx | From CIIS | |
|-------------------------|--|--|---------------------|
| | Stock Connect A-Share Data | Level-1 Market Data | Level-2 Market Data |
| Market Depth | 1 | 5 | 10 |
| Scope | Eligible stocks for northbound trading | All listed securities | |
| Eligible Parties | SEHK exchange participants (EPs) | Information vendors, financial institutions, etc. (Vendors) | |
| Redistribution | <p>EPs could use the Stock Connect A-Share Data internally and for further dissemination to their trading clients.</p> <p>EPs are NOT allowed to disseminate the Stock Connect A-Share Data to any third parties or permit their trading clients to further distribute the Stock Connect A-Share Data.</p> | Redistribution is allowed as long as Vendors have a valid license. | |

2. CIIS Products

C. China Indices Data

All the indices created by SSE

- e.g. SSE Composite Index, SSE A Share Index, SSE B Share Index, SSE 180 Index, SSE 50 Index

All the indices created by CSI

- e.g. CSI 300, CSI 500

Fundamental data

- e.g. Weighting of constituent stocks, free float shares information

- Separate license is required, similar to HKEx and HSI data with separate authorization

2. CIIS Products

D. Fee Schedule

For Terminal Services with streaming services:

Redistribution of SSE Level-1 Market Data

■ Example: Category_1L1

- License fee: US\$40,000 per annum
- Subscriber fee*:
 - US\$24 per subscriber unit per month
 - US\$10 per individual investor per month

Redistribution of SSE Level-2 Market Data

■ Example: Category_1L2

- License fee: US\$60,000 per annum
- Subscriber fee*: US\$32 per subscriber unit per month

***Minimum monthly subscriber fee is applicable.**

2. CIIS Products

D. Fee Schedule

For Terminal Services with streaming services:

Redistribution of China Indices Data

■ Example: Category_61

- License fee: US\$6,000 per annum
- Subscriber fee*: US\$3 per subscriber unit per month

***Minimum monthly subscriber fee is applicable.**

CSI 300

3839.8863 +0.52%▲

Last Update : 2019-07-25 11:22:32

CSI 500

4893.3875 +0.42%▲

Last Update : 2019-07-25 11:22:32

SSE 50

2923.2050 +0.57%▲

Last Update : 2019-07-25 11:22:32

SSE Index

2933.0006 +0.33%▲

Last Update : 2019-07-25 11:22:32

2. CIIS Products

D. Fee Schedule

For Open Channel Services:

Annual Subscriber Fee Package

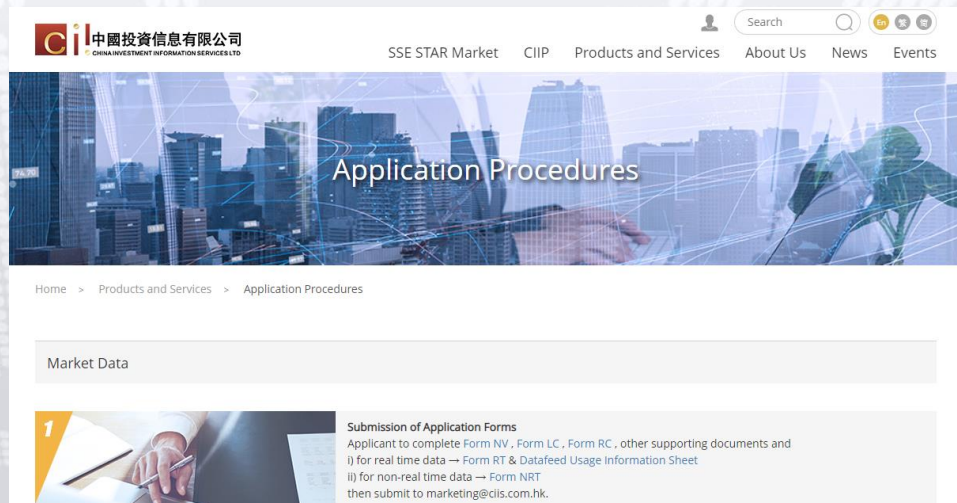
- Launched since March 2018
- Display SSE Level-1 market data and China indices on, for example, public website and mobile app
- No need to report the number of individual subscribers and pay the subscriber fees
- Package Fee (in addition to license fee):
 - PC Terminal (Per Application): US\$40,000 per annum
 - Website (Per website): US\$30,000 per annum
 - Portable Device (Per Application): US\$20,000 per annum



2. CIIS Products

E. Application

- If you want to redistribute SSE and/or China indices data, please contact CIIS marketing department.
- Application procedures are available on our website: www.ciis.com.hk

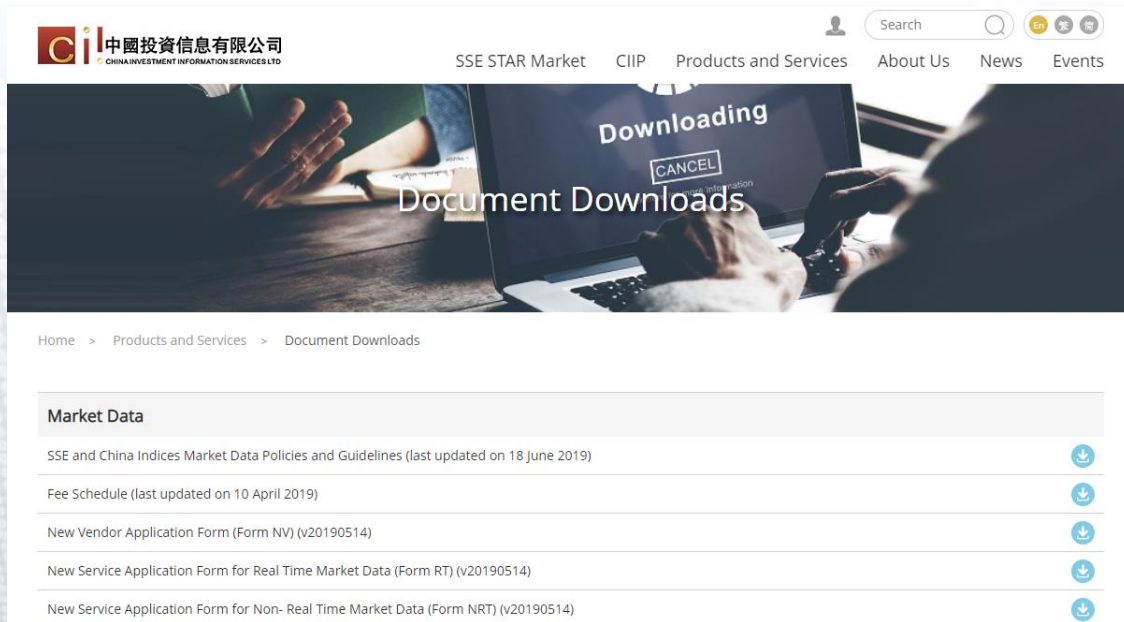


The screenshot displays the CIIS website interface. At the top left is the logo for 中國投資信息有限公司 (China Investment Information Services Ltd). The top right navigation bar includes links for SSE STAR Market, CIIP, Products and Services, About Us, News, and Events, along with a search bar and social media icons. The main banner features a cityscape with the text 'Application Procedures'. Below the banner is a breadcrumb trail: Home > Products and Services > Application Procedures. A 'Market Data' section is visible. The primary content area is titled '1 Submission of Application Forms' and contains the following text: 'Applicant to complete Form NV, Form LC, Form RC, other supporting documents and i) for real time data → Form RT & Datafeed Usage Information Sheet ii) for non-real time data → Form NRT then submit to marketing@ciis.com.hk.'

2. CIIS Products

E. Application

- Fee schedule, application forms can be obtained from our website.



中國投資信息有限公司
CHINA INVESTMENT INFORMATION SERVICES LTD

SSE STAR Market CIIP Products and Services About Us News Events

Search

Document Downloads

Home > Products and Services > Document Downloads

Market Data

| | |
|--|----------|
| SSE and China Indices Market Data Policies and Guidelines (last updated on 18 June 2019) | Download |
| Fee Schedule (last updated on 10 April 2019) | Download |
| New Vendor Application Form (Form NV) (v20190514) | Download |
| New Service Application Form for Real Time Market Data (Form RT) (v20190514) | Download |
| New Service Application Form for Non- Real Time Market Data (Form NRT) (v20190514) | Download |

3. Connectivity Services

A. SSE Market Data

SSE Level-1 Market Data

- Internet or leased line connection
- Connect to 2 production sites (HKEX DC and Ap Lei Chau DC)
- For leased line connection, bandwidth requirement is 4Mbps

SSE Level-2 Market Data

- Leased line connection
- Connect to 1 test site (Wan Chai DC) and 2 production sites (HKEX DC and Ap Lei Chau DC)
- Vendors/End Users can apply cross connect services in HKEx DC
- Bandwidth requirement is 10Mbps

3. Connectivity Services

A. SSE Market Data

| | Level-1 Market Data | Level-2 Market Data |
|---|------------------------------|---------------------|
| Peak Bandwidth | 1.1Mbps | 3.2Mbps |
| On 9 April 2019 | <hr/> | |
| No. of Transactions (Equities) | ~19.31M | |
| The Highest No. of Transaction in 1st Half of 2019 (Equities) | ~26.96M (on 8 March 2019) | |

3. Connectivity Services

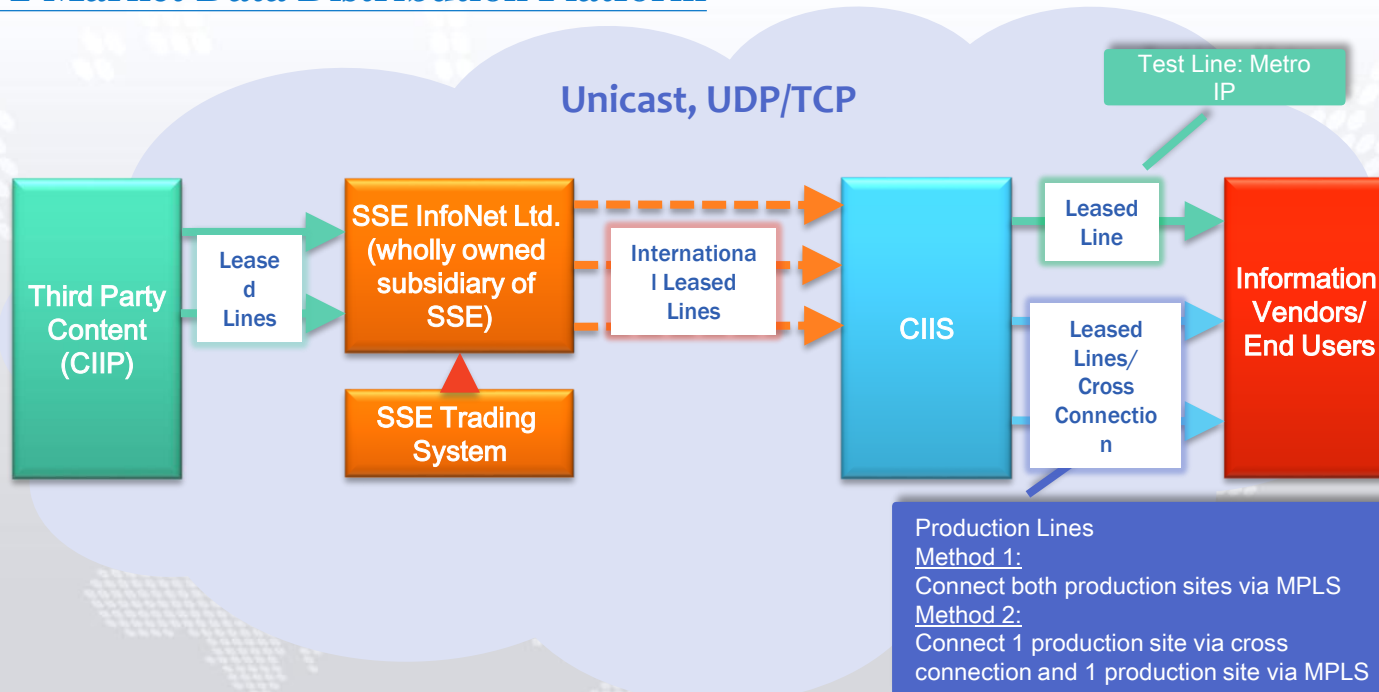
B. CIIP Market Data

On 4 April 2019

| Market Data | Peak Bandwidth | Trade Volume |
|--------------------|----------------|------------------------------------|
| CFFEx Level-2 Data | 2.6Mbps | 251,317 (Lot) |
| DCE Level-2 Data | 5.3Mbps | 10,517,666 (Lot) |
| ZCE Level-2 Data | 1Mbps | 7,998,692 (Lot) |
| SHFE Level-1 Data | 1.2Mbps | 10,911,530 (Lot) |
| SZSE Level-1 Data | 2.5Mbps | 44,066,762,020 (RMB) (Equities) |

3. Connectivity Services

SSE Level-2 Market Data Distribution Platform



Thank You!

Contact Us: marketing@ciis.com.hk

