China Investment Information Platform (CIIP) Introduction

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About China Investment Information Services LTD (CIIS)

- **Business**
  - Market Data Business for Mainland and Oversea Exchanges
  - SPV for Shanghai-Hongkong Stock Connect
- **Product**
  - Level I, Level II, Datafeed, Non-Display
  - X-Connect
- **Partner**
  - CSI, DCE, ZCE, CFFEx, Deutshe Borse
- **Client**
  - Information Vendor, Financial Institutions
- **Platform**
  - China Investment Information Platform (CIIP)
About China Investment Information Platform (CIIP)

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

The platform currently provide the following data:

1. To overseas information vendors and datafeed end users
   - Shanghai Stock Exchange (SSE) Market Data
     - SSE Level-1 FAST real time market data
     - SSE Level-2 real time market data
     - China Indices: Real time market data of indices created by SSE and China Securities Index Company Ltd (CSI).
     - SSE comprehensive electronic platform of fixed income securities
     - SSE Pre-issuance of treasury bond market data
     - SSE Stock Option real time market data
   - Third Party Content Providers Market Data
     - CSI Bond Valuation Files
     - CSI Indexpress (real time market data of all indices created by SSE & CSI)
     - Dalian Commodity Exchange Level-1 and Level-2 real time market data
     - Zhengzhou Commodity Exchange Level-1 real time market data
     - China Financial Futures Exchange Level-1 and Level-2 real time market data
     - Shenzhen Stock Exchange Level-1 real time market data (technical service only)

2. To mainland China information vendors and datafeed end users
   - Deutsche Boerse real time market data
   - EURONEXT market data (sales agent only)
CIIP Overseas Partners

Deutsche Börse AG (DBAG)
- Joint CIIP in 2014.
- A new phase for CIIP: bring overseas data to Shanghai Stock Exchange information vendors
- CIIS Sells DBAG market data in mainland China through the parent company of CIIS, SSE InfoNet Ltd.
- CIIS transmits the DBAG market data through CIIS data centers in Hong Kong then to Shanghai

EURONEXT
- Joint CIIP in 2015.
- CIIS Sells EURONEXT market data in mainland China through the parent company of CIIS, SSE InfoNet Ltd.
China Investment Information Platform (CIIP)

Technical Platform
CIIP builds on top of the SSE Level-2 market data distribution system (Level-2 System), which is developed and maintained by SSE InfoNet Ltd. (InfoNet) and CIIS. IVs can receive all the licensed data in the same system and network, no extra bandwidth is required.

Business Platform
CIIS is the overseas agent for all the content providers of CIIP. SSE overseas Level-2 IVs can apply all the licenses for all mainland China content providers in CIIP through CIIS with single application form and agreement.
Mainland China Level-2 IVs can apply the license for all overseas content providers in CIIP through InfoNet.
CIIP Diagram

Shanghai

- Vendors/ Datafeed Users in Mainland China
- SSE InfoNet Ltd. (wholly owned subsidiary of Shanghai Stock Exchange)
- SSE Trading System

Hong Kong

CIIS

Sales agent and technical agent:
- SSE Level-1, Level-2 and Datafeed data
- CSI and SSE Indices data
- DCE Level -1 and Level -2 data
- ZCE Level 1 data
- CFFEx Level-1 and Level-2 data

Technical agent:
- SZSE Level 1 data
- DBAG data (SSE InfoNet acts as sales agent)

Sales Agent:
- EURONEXT data

DBAG
EURONEXT

CSI
DCE
ZCE
CFFEx
SZSE

SSE market data
Sales and technical agent
Sales agent
Technical Agent

SSE: Shanghai Stock Exchange
CSI: China Securities Index Co., Ltd.
ZCE: Zhengzhou Commodity Exchange
DCE: Dalian Commodity Exchange
SZSE: Shenzhen Stock Exchange
CFFEx: China Financial Futures Exchange
DBAG: Deustche Boerse
CIIP Technical Platform – X Connect (1)

Standard Connection

All equipment is provided and managed by CIIS.

(CIIS’s customer LAN segment)
CIIS will provide two dedicated IP addresses.

Server A

Server B

(CIIS Router)
Provided and Managed by CIIS. NAT mapping (10.x.x.x to 201.x.x.x) and Access Control will be configured.

(Customer-End Router)
Provided and Managed by CPCNet.
CIIP Technical Platform – X Connect (2)

Cross Connection

(TKO IDC)
All equipment is provided and managed by CIIS.

(HKEx X-Connect Core)
Customer need to apply X-Connect from HKEx

(TKO-HKEx X-CONNECT)

(CIIS’s customer LAN segment)
CIIS will provide two dedicated IP addresses (201.1.4.x) which can access to CIIS Server via (TKO) HKEx X-connect system.

(CPCNet)

(ALL IDC)
All equipment is provided and managed by CIIS.

(CIIS Router)
Provided and Managed by CIIS. NAT mapping (10.x.x.x to 201.x.x.x) and Access Control will be configured.

(Customer-End Router)
Provided and Managed by CPCNet. CIIS will assign an IP subnet (e.g. 10.1.1.0/24) for NAT configuration.

Server A & Server B

Server C

A SHANGHAI STOCK EXCHANGE COMPANY
Advantages:
- Lower cost
  - reduce leased line costs
- Save time
  - reduce application processing time
- Reduce last mile latency
  - transmit the data within the same building

Target clients:
- Datafeed clients
- HKEx colocation clients
Future

SSE International Strategy
Cooperation with HKEX
Enquiries

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