Advantages of DLT technology in Post Trade Service

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Recent Trends

| Market Value Chart of Bitcoin 1)

![Market Value Chart of Bitcoin](chart.png)

Peak at 63,659$

1) 2020 1st quarter ~ 2021 1st quarter

| Profit of crypto currency exchange

<table>
<thead>
<tr>
<th>Exchange</th>
<th>Country</th>
<th>Operating Profit 2)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Coin Base</td>
<td>United States</td>
<td>770 million dollar</td>
</tr>
<tr>
<td>Binance</td>
<td>Hongkong</td>
<td>590 million dollar</td>
</tr>
<tr>
<td>Upbit</td>
<td>Korea</td>
<td>500 million dollar</td>
</tr>
</tbody>
</table>

2) 2021 1st quarter
Recent Trends

<table>
<thead>
<tr>
<th>Oversea direct investment growth in korea(^1)</th>
</tr>
</thead>
</table>

Accumulated amount of oversea investment

<table>
<thead>
<tr>
<th>Category</th>
<th>Period</th>
<th>Deposit Amount(^2)</th>
</tr>
</thead>
<tbody>
<tr>
<td>U.S Stocks</td>
<td>'20 3(^{rd}) quarter</td>
<td>26.4 billion dollar</td>
</tr>
<tr>
<td></td>
<td>'20 4(^{th}) quarter</td>
<td>37.3 billion dollar</td>
</tr>
<tr>
<td></td>
<td>'21 1(^{st}) quarter</td>
<td>46.3 billion dollar</td>
</tr>
</tbody>
</table>

1) 2020 1\(^{st}\) quarter ~ 2021 1\(^{st}\) quarter
2) At end of each quarter
Global Service Overview

<table>
<thead>
<tr>
<th>Linear intermediary chain system</th>
</tr>
</thead>
<tbody>
<tr>
<td>case 1. Buying foreign company stocks at local exchange</td>
</tr>
</tbody>
</table>

※ Various kinds of messaging network is present

Local Custodian

Cross Border

Global Custodian

Local Securities Firm /Local Broker

Issuer

Foreign Exchange

Investor

Securities Firm

Local Bank

Corres Bank

KSD

Exchange
Global Service Overview

Linear intermediary chain system

case 2. Bond maturity extension which requires foreign investors voluntary actions

※ Various kinds of messaging network is present
Corporate Action in Linear financial Infra

Case 2. Bond maturity extension which requires foreign investors voluntary actions

- Multiple deadlines across several parties increase the scope for failure.
- Complex chain of communications can cause a domino effect of errors and potential financial losses.
There would no longer be multiple records with different bond ownerships. It eliminates the need for reconciliations. Transparency in data contribute further in asset servicing and administration.
CA delivering across DLT adopted intermediary system

※ It reduces complex corporate action process and time required.
Thank you.

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