



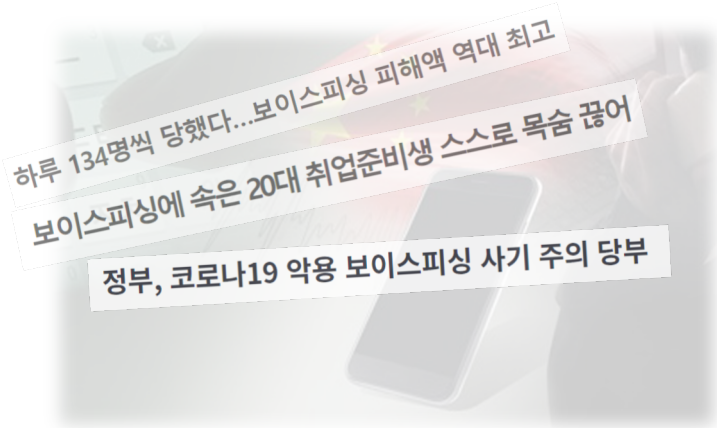
Andy Kim
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SK Telecom



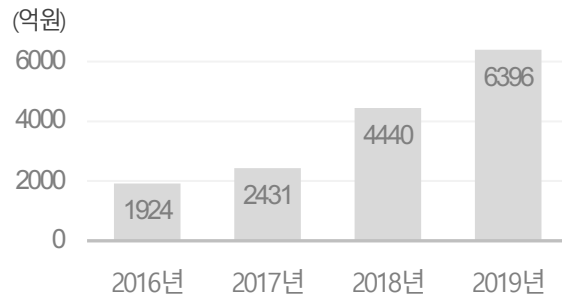
Zero fraud phishing prevention Anti-fraud money transfer service

Voice Phishing damage increased rapidly

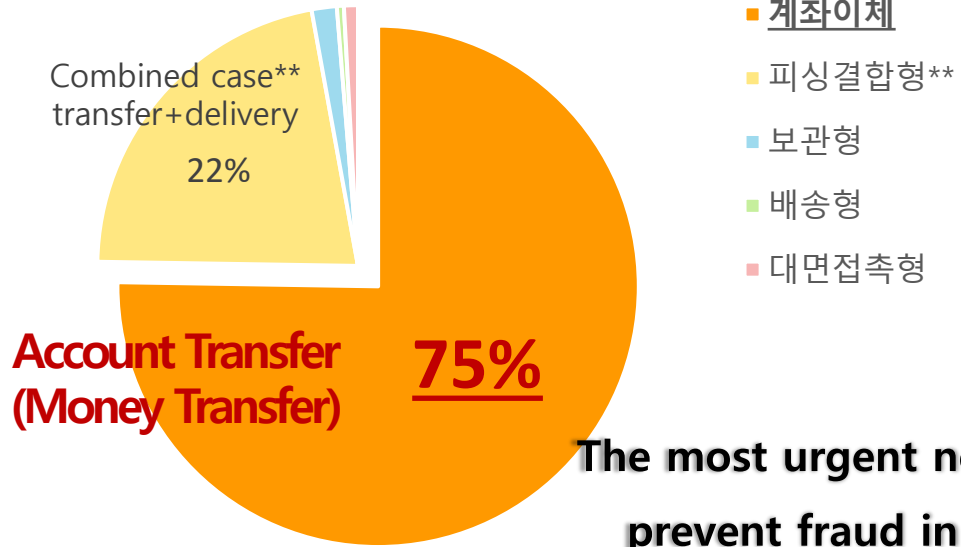
Damages more than 600 million USD per year



Increased Every year



Statistics by Damaged Type



The most urgent need to prevent fraud in the account transfer

** 피싱결합형: 보이스피싱 통해 가짜 공공기관 사이트 방문을 유도하여 개인정보를 탈취

Nevertheless,

Effective policies to prevent voice phishing are insufficient

Notices through pop-ups, not enough



Regardless of the type of fraud, There is a need for a solution with a practical prevention effect based on the **recipient's own risk**

Common script for fraudster

Government agency impersonation type

– Hello, are you Brian?

I'm prosecutor Kim Do-young at the Seoul Central District Prosecutors' Office.

Do you know 42-year-old Shim Wan-ki from Chungcheong Province, who worked for Woori Bank for about 10 years?

In the process of rounding up a financial crime scam centered around Mr. Shim, I confiscated a large sum of cash cards and a cloned savings account as well as information for your savings account, Brian.

---15 Minute Call---

I understand the fact that you were not involved in the crime. However, the relevant savings account will be confiscated. Transfer the funds to a secure prosecutor-managed account and come to the prosecutors' office tomorrow to terminate the account.

Collaboration Process

- **Fraud attacks seen as a major problem for society in S Korea**
- **Regulators asked MNOs, banks and credit reference agencies to work together with Government agencies to better protect consumers**
- **Team has worked together in a regulatory sandbox in order to help develop and deliver solutions**

“Zero Fraud” service

- **An innovative voice phishing prevention services**
- **Mobile customers can check the risk of a mobile number before calling it or post receipt of a call.**
- **Function is integrated into the PASS application and is simple to use.**

Data set of “Zero Fraud” service

Measures the risk by combining carrier information and CB information

Carrier



Credit Bureau

Mobile Phone name Info.

- ✓ Confirm Account name – Phone name match

Roaming state

- ✓ Prevention of overseas stay status / Overseas base fraud

Call forwarding

- ✓ Prevention of linkage line fraud

Opening history

- ✓ Abnormal multi line customer risk

Disorderly financial order

- ✓ Fraud/ online card theft history

Identity theft

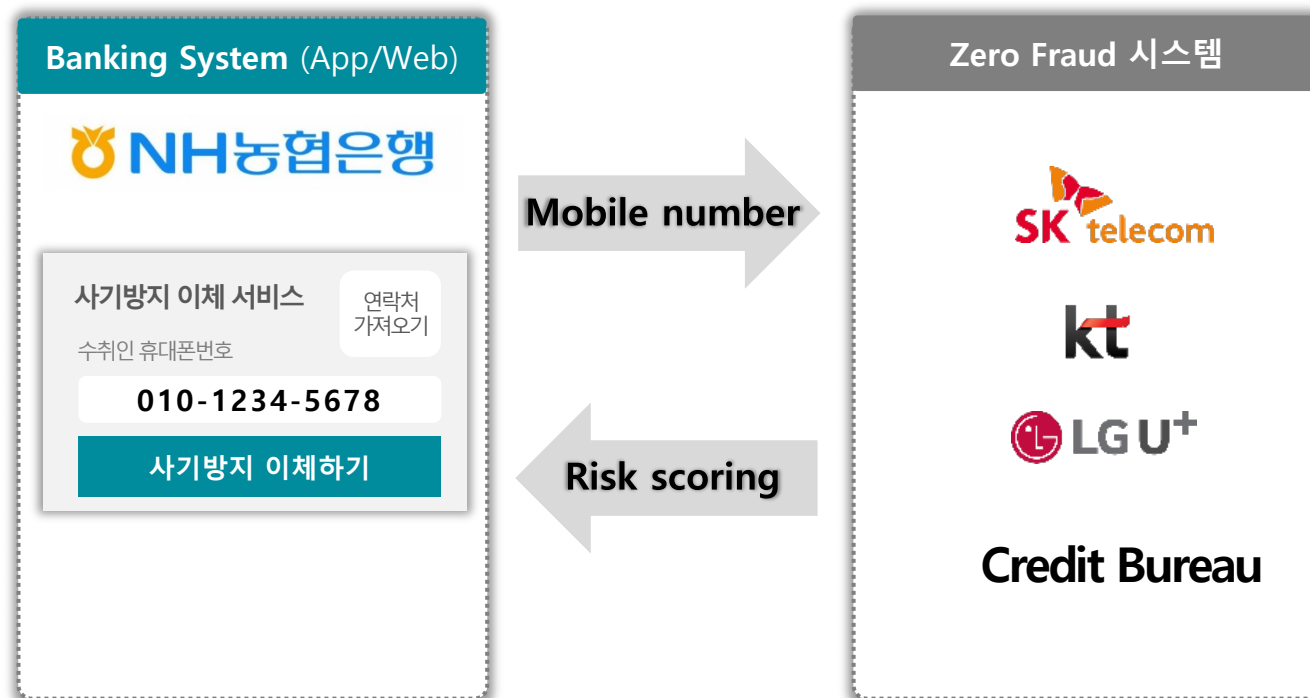
- ✓ Fraud criminal history

And one more thing...

PASS anti-fraud money transfer service,

Prevent voice phishing just by entering the recipient's mobile number

When transferring money to another bank account



Application example

Confirmation of recipient name

① Enter account

② Confirm recipient's name

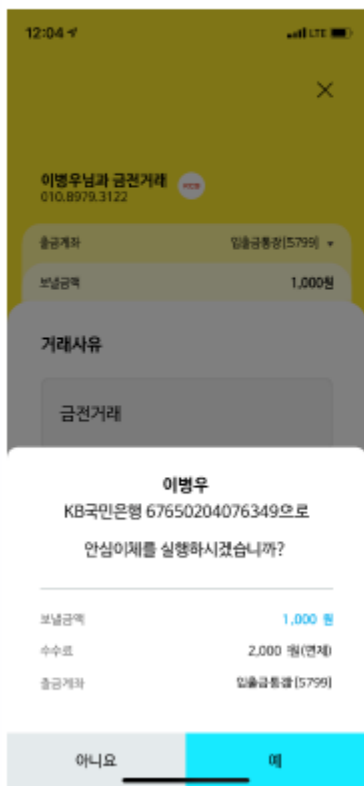
③ Enter recipient's mobile number

④ Check nominees match

Application example

Transfer after verification of recipient

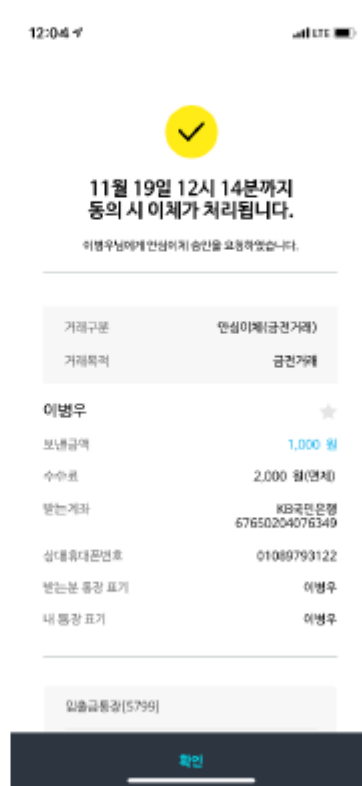
① Remittance execution



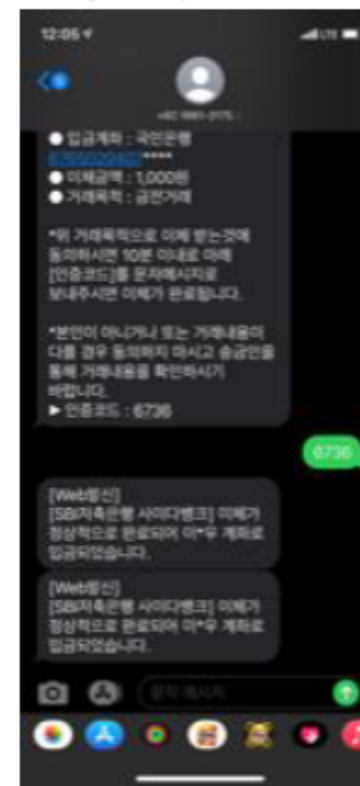
② 6 pin



③ Processing verify



④ Request for authentication



Conclusion

- **Solutions have gone live and are rolling out across banks now**
- **We continue to work together to support roll out and explore future solutions**