

ITMX-Application Development

Tangerine is the implementer.

The challenge

Involved addressing several challenges related to electronic fund transfers. The challenges included enabling credit transfer transactions between banks in Thailand, facilitating credit transfer transactions between Thailand and overseas banks via a combination of Promptpay and Paynow, communicating between banks using standard messages, and supporting up to 3,000 transactions per second.

The solution

This project aimed to enhance electronic fund transfers in Thailand through tasks such as designing a system architecture, improving ElasticSearch Server, implementing monitoring systems, and upgrading Apigee. The project also involved developing two API proxies and specifications for APIHub 20022 and Cross Border microservices.

The result

Led to two important advancements in electronic fund transfer systems. Firstly, international transfers could be made using only the payee's mobile phone number, enabling immediate and full payments. Secondly, the project facilitated payments using an international QR code, fostering digital payment linkage between countries. These advancements improved convenience and efficiency for users.

The project's highlight was the accessibility and affordability it provided citizens across the country. Immediate money transfers and QR deposits were available without expensive fees or long wait times. These achievements improved financial well-being and facilitated cost-effective financial transactions.



About National ITMX Company Limited

National ITMX (or National Interbank Transaction Management and Exchange) is a payment systems infrastructure provider in Thailand. It was established in 2002 by a group of banks in Thailand to develop and operate a national payment network for electronic fund transfers and other financial transactions.

Vertical/horizontal solution: Financial Services

Primary project location: Thailand



About TANGERINE COMPANY LIMITED

Tangerine is an innovative technology solution provider that focuses on various technologies and IT solutions and services.



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