

The Unifying e-Payment Platform for Ethiopia



EthSwitch S.C.

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About

EthSwitch



is a share company, with equal investment by all private and public banks in Ethiopia

is an offspring of the National Payment Systems Development Strategy of Ethiopia, crafted and led by the National Bank of Ethiopia (i.e., the central bank)

fully aligns with the Financial Inclusion and the e- Government Strategies of Ethiopia



is governed by its owners (i.e., the banks), wherein the National Bank of Ethiopia is the Board Chairman



owns and operates the unifying e-Payment platform for Ethiopia (ethioPay) consisting of:

- the National e-Payment Switch, Clearing, & Settlement System (i.e., processor for all payment schemes), and
- the Domestic Payment Scheme of Ethiopia

EthSwitch

Main Drivers

Developing an efficient, reliable, and safe e-Payment platform infrastructure for Ethiopia that:



complies with international standards and best practices



fits into the Ethiopian environment through:

- providing due consideration to the Ethiopian customs and business practices, and
- supporting the needs of its participants and users



is cost effective to its participants and users and affordable to end users

EthSwitch

Main Drivers

Developing an efficient, reliable, and safe e-Payment platform infrastructure for Ethiopia that:



improves financial intermediation through enabling effective and efficient collection and payment mechanisms



buoys up international and local remittances



helps expanding access to financial services, and



is conducive to the development of the Ethiopian Economy.



Powered by

EthSwitch



The ethioPay Ecosystem





Services

Cash-out
Remittance
Bill Payment
Fee Payment
Top-Up
Direct Debit/Credit
Clearing and Settlement
Reconciliation
e-Commerce
Statistics
Dispute Settlement
and more.



Channels

Card Mobile Internet





Users

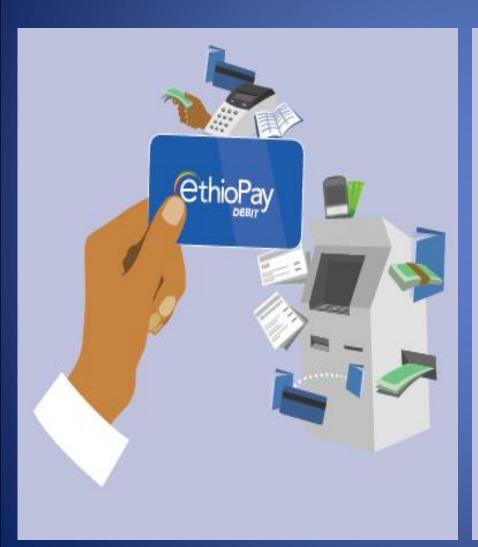
Banks
Micro-Finance Institutions
Insurance Companies
Third Party Service Providers
Business Organizations
Government Organizations
Non-Governmental Organizations
and more



Participants

Banks
Micro-Finance Institutions
Third Party Service Providers
Agent Networks
and more





Usable on ANY ATM to:



Withdraw Cash



Check Balance



Make Transfer Payments: Fees, Top-Ups, Bills, Taxes, and any other Account to Account Transfers, Send Money



Get Statement, or Change PIN

ethioPay



MOBILE

Mobile payment services for ANY BANK customer



ONLINE

Online (Internet based) payment services for ANY BANK customer

Provides a bank customer access to his/her account ANY WHERE at ANY TIME.

Major Building Blocks







International Standards:

ISO, EMV, and PCI DSS



Infrastructure & Payment Instruments:

Switch and Related Systems &Infrastructure, and Payment Instruments/Channels (Card, Mobile, Internet)



System Rules and Procedures

Interoperability Services



Instant Payment to Bank Customers

Next Business Day Settlement between Banks

Online Dispute Management & Settlement

July 2017 – Mar. 2018 (in 9 Months) Processed ETB 4.2 Billion Interbank Cash Withdrawals

Adopted approach to align with evolving e-Payment landscape



- 1. Balance Cooperation vs. Competition through remaining to be an Interoperability & Shared Platform Infrastructure Provider:
 - From the four levels in which payments occur, i.e., Access, Messaging, Clearing, and Settlement, EthSwitch will remain to provide services on cooperation areas only, i.e. Messaging, Clearing, and Settlement and other shared infrastructure services.
 - EthSwitch has no intention to go into Access services, so as to leave the area for competition and thereby innovation (by Banks, TPPs, etc.)
- 2. Continually comply with international, but open standards
- 3. Implement shared products/services responding to local needs

Thank You!



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