

# Digital Fiat Currency

Implementation by eCurrency

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## Our mission:

To enable central banks to issue fiat currency digitally for the benefit of the public

- Implementation based on requirements from 30+ central banks
- Pilots deployed in multiple markets
- Commercialized in West African Economic & Monetary Union as DigiMoney
- Commercialized in Philippines as ePiso

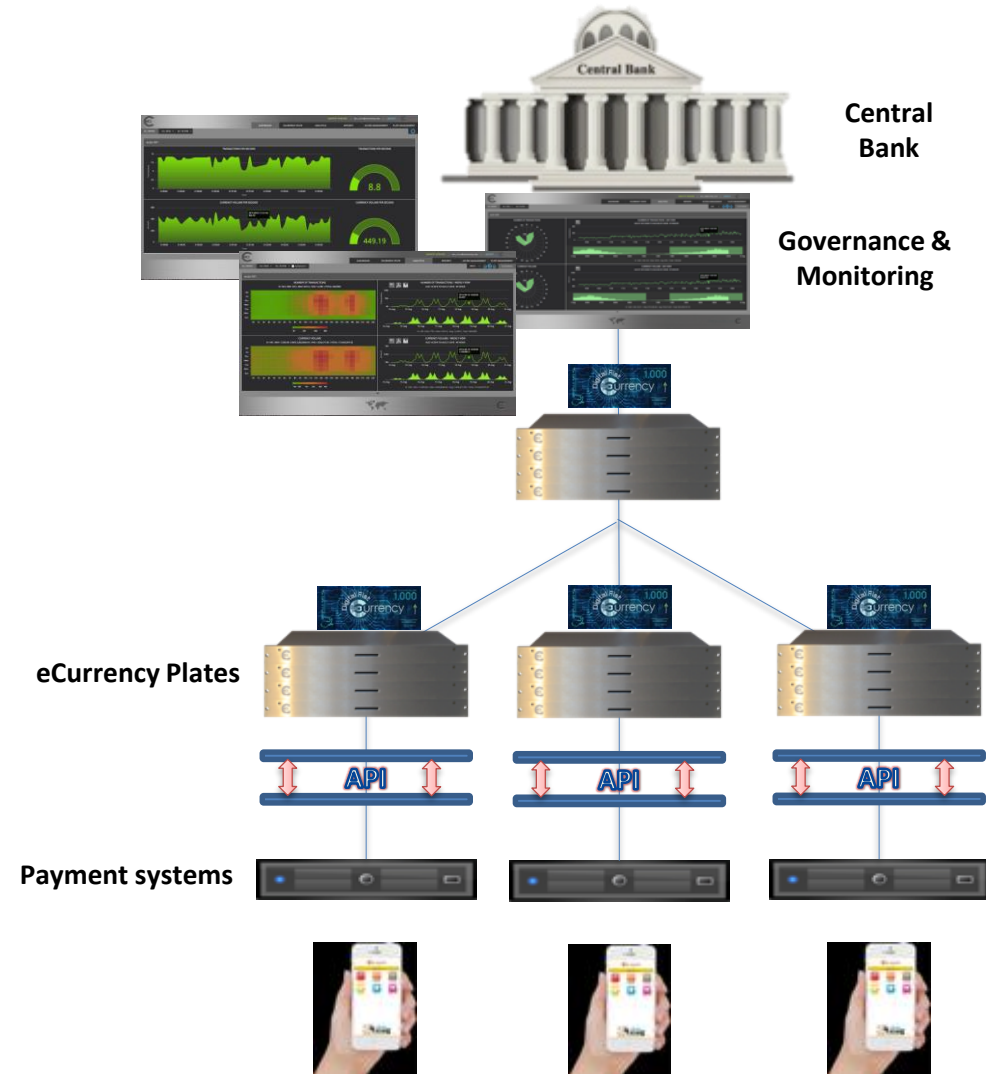


## eCurrency Units

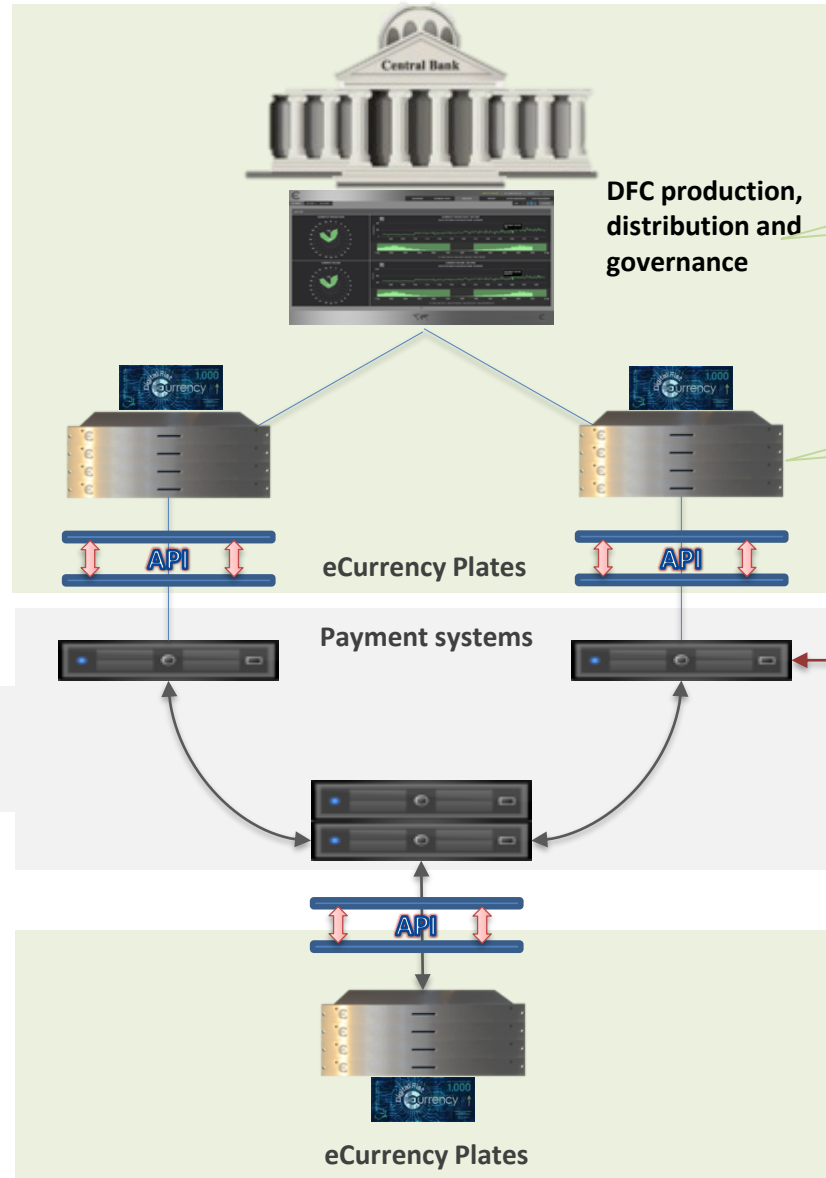
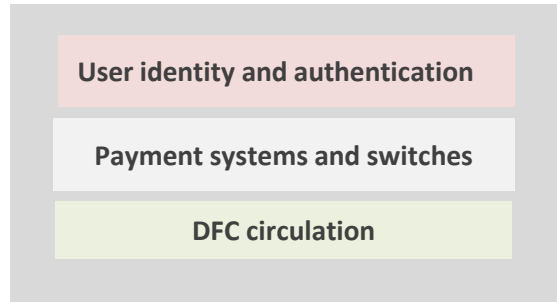


- eCurrency unit is a cryptographic object representing a value and participating in transactions
- Each eCurrency unit is uniquely identifiable just like physical currency
- eCurrency units circulate within existing and future electronic payment systems enabling them to operate in Central Bank issued, base money (M0)

## eCurrency Distribution



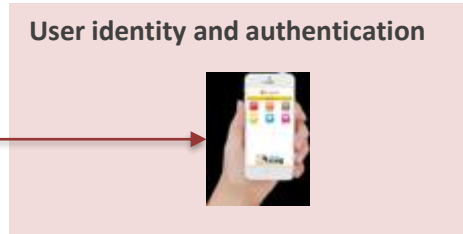
# eCurrency DFC role in the e-money ecosystem



Much simplified e-money governance and payment systems regulation

Instant and final settlement through exchange of DFC, i.e. base money issued by the central bank

Payment switches:  
NPCI, GIMAC, GIM-UEMOA, Swish, MojaLoop



- We are delighted to announce opening of the API and to contribute the API specification to the ITU DFC FG
- We are also ready to provide a test sandbox and assist in the development and experimentation

- Interface allows Payment Systems to transact in DFC
- Synchronous exchange of messages over a secure connection
  - Native SOAP interface
  - ISO 8583, JSON available
- Transactions must be delivered to eCMS in real time
- eCurrency objects delivered by eCMS must be persisted in a subscriber database: payment system wallets or, eventually, individual devices

