



#salonepagamenti #payvolution



## Oltre l'euforia della blockchain La decentralizzazione è pronta per l'adozione di massa ?

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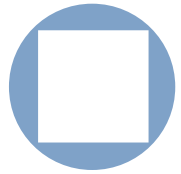
# BlockChain - Instant Payment

Check requirements for countries that want to develop a domestic scheme for Instant Transfer: Middle East



## Market Demand

- Cash & Cards Substitute
- Reduction of VISA, Mastercard and Amexco Fees



## The Instant Payments Requirements

- **Security conditions:** Confidentiality, Integrity, Availability, Monitoring, Auditability
- **User experience:** extremely simple, equivalent to cash/card payment
- **Certainty:** information exchanged at top security certification level
- **Authenticity:** validation against sophisticated algorithms
- **Non-repudiation:** the payment provides no repudiation
- **Accessibility:** the system allows maximum mobility and accessibility
- **Privacy:** information is accessible only to authorised parties
- **Convenience:** the solution allows to reduce transfers charges



## Decentralized P2P

- **Distributed Ledger**
- **Protocol Agreement**
- **Autorization** (Reading, Writing, Mantaining)



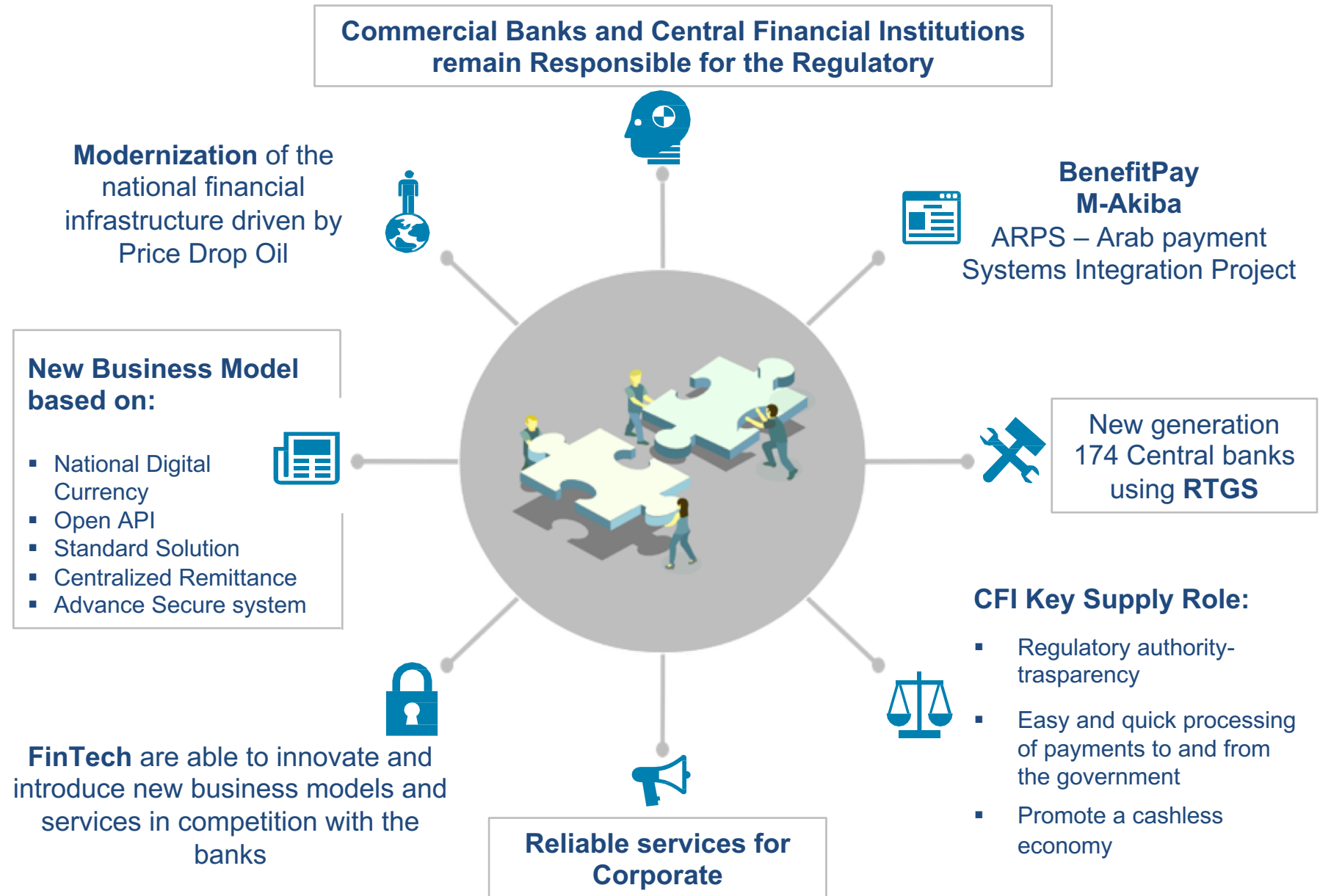
## Wich Type

- **Permissionles** - Publicness
- **Permissioned** - DLT
- **Private/Permissioned**



# BlockChain - Instant Payment

Main trends for instant payment solutions in the Middle East





# Benefits & Use Case

## Consumer's Benefits

- Card plafond surpassing
- Greater perceived safety (not communicating Card Number or CVV / CVC)
- Make and receive payments 24/7/365 with immediate transfer of funds
- Provide for emergency payments at any time
- Optimise cash usage with increased flexibility and convenience
- Ease of use
- Security

## Scenarios: P2P e P2B

## Use Case

- Payment of invoices for immediate reactivation of utilities / detachment avoiding
- Buying online from individuals/e-merchants
- Immediate person-2-person mobile payments
- Payment for immediate insurance coverage
- Deposit payment for hotels, car rental, etc.
- Payment upon receipt of the good / service (Pay on delivery)

## Corporate's Benefits

- Immediate certainty of the payment outcome
- Improve cash flow and process of payment reconciliation
- Improve e-commerce, with goods/services released against concurrent payment, thus decreasing the financial risk
- Fees reduction at physical point-of-sale
- Fraud risk mitigation (No refund as for cards)
- Cash and cheques reduction

## Scenarios: B2B e B2P

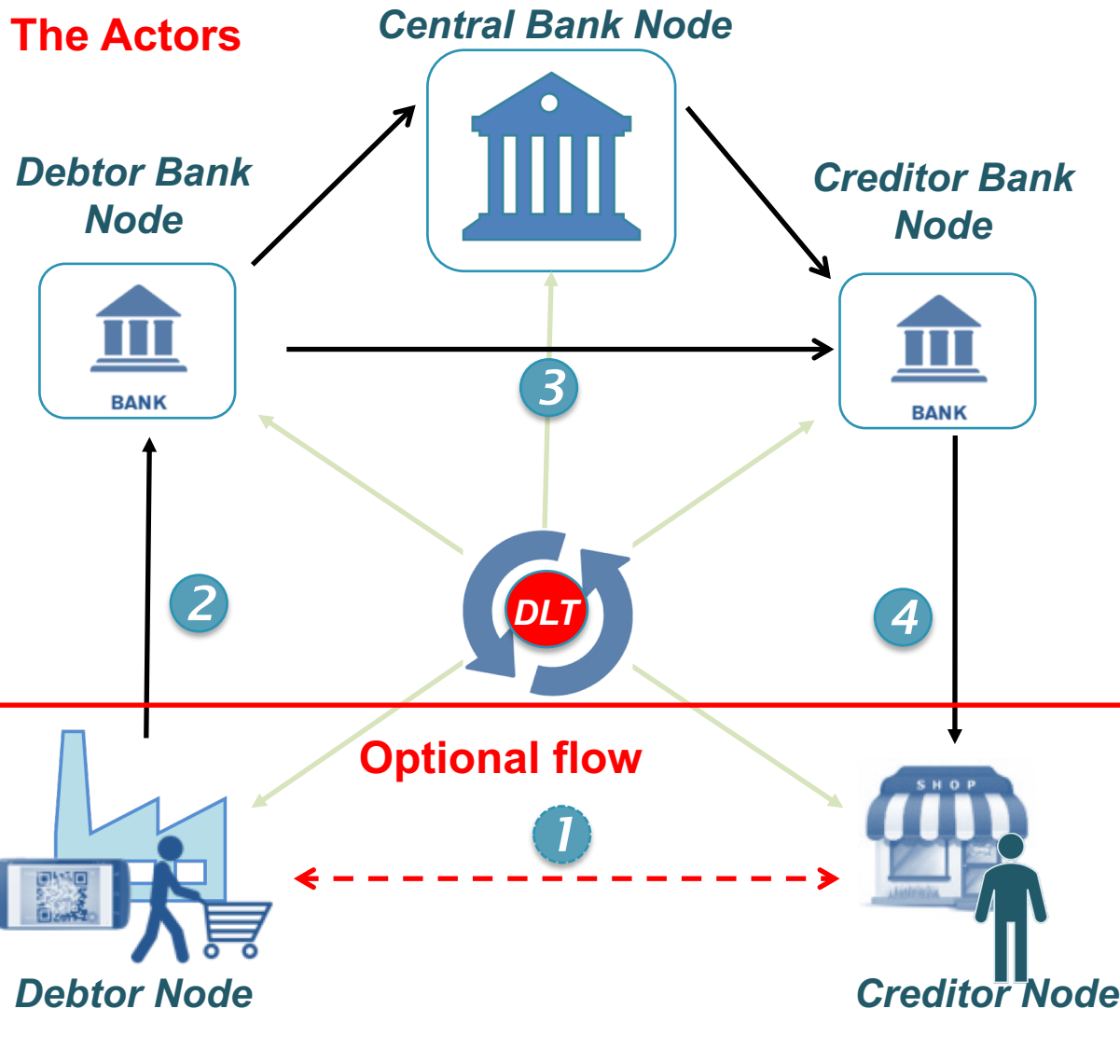
## Use Case

- Simultaneous payment upon delivery of goods
- Unblocking goods in ports / customs
- Payment of occasional services
- Payment of salaries and pensions
- Urgent and high-value transfers
- Urgent corrections of payment errors
- Refunds for defective goods



# BDL Proposal - Blockchain Instant Payments Workflow

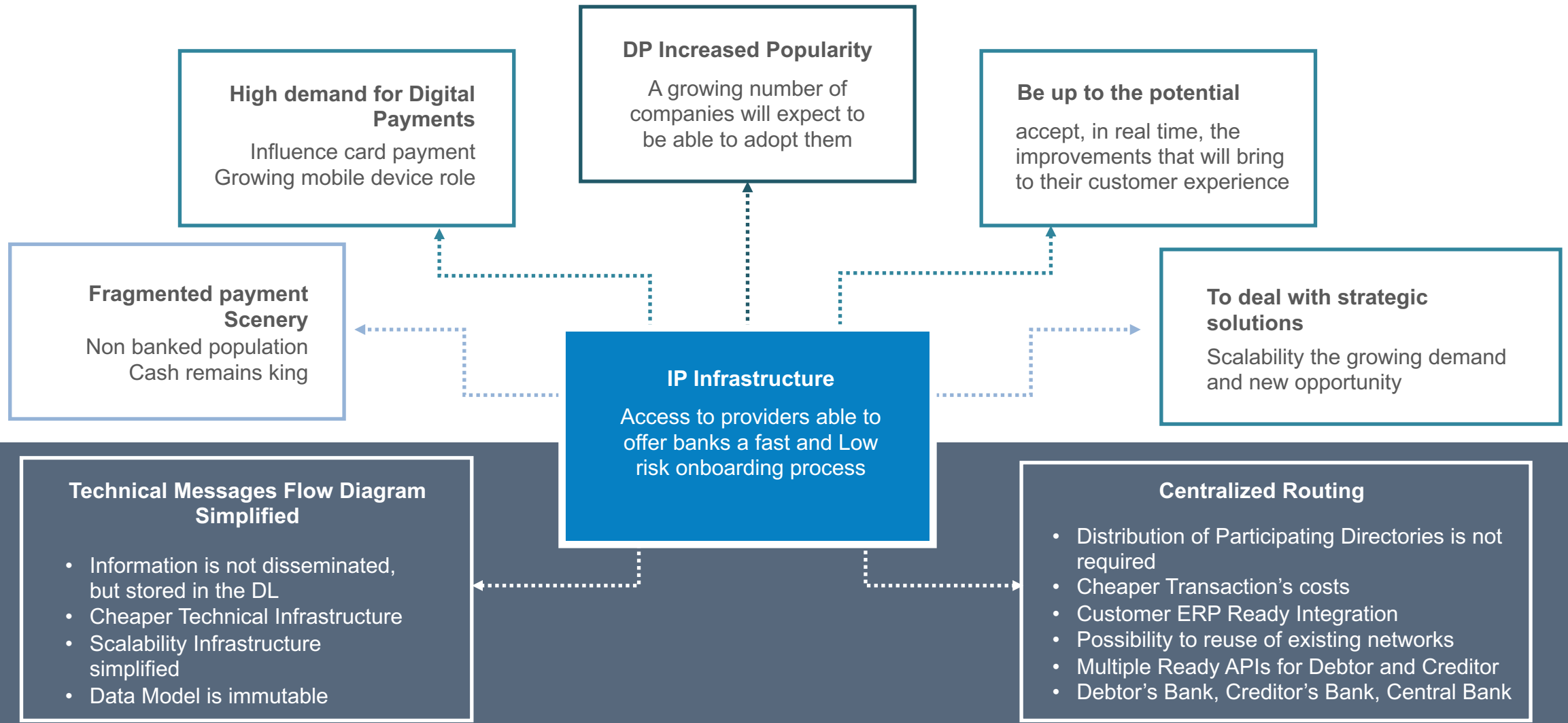
## The Actors



- The nodes involved in the transaction synchronize to achieve the **Distributed Transactions Ledger**
- 1 **Optional flow:** Payment Information are exchanged between debtor and creditor nodes (goods descriptions, price, etc.)
- 2 The debtor's node sends immediately the data related to the payment (amount, creditor's IBAN, etc.)
- 3 The payment is executed on the creditor's bank account by a real time transaction
- 4 The money are in the creditor's Account balance. Instantly the creditor's bank shows the executed payment



# BDL Proposal - Instant Payment



**THANK YOU**  
**GRAZIE**  
**MERCI...**



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