

Payments and Fintech

5-Slide Teaser

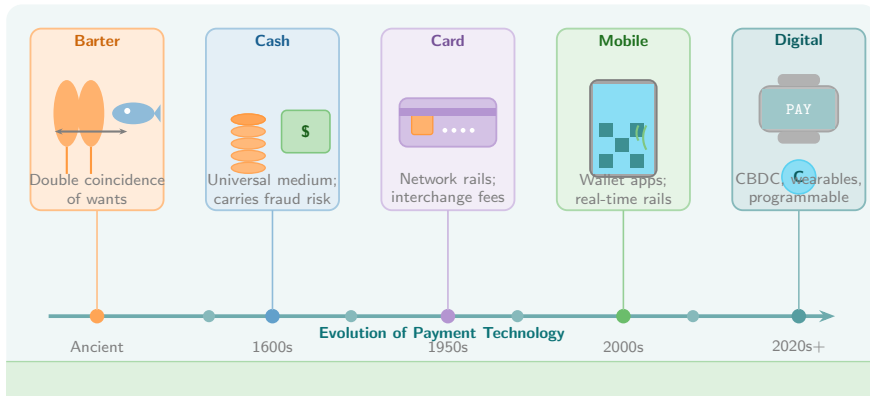
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Why Payments? From Barter to Tap-to-Pay



Slide 1/5 — WHY — Every payment era solved the friction of the prior one – fintech targets the remaining frictions of speed, cost, and access.

What Are the Payment Methods? A Comparative View

Illustrative Comparison of Payment Methods Across Key Dimensions

Method	Settlement Speed	Cost to Merchant	Privacy	Global Reach	Offline?
Cash	Instant (T+0)	Near zero	High (anonymous)	Domestic only	Yes
Debit / Credit Card	T+1 to T+2	1–3% interchange	Low (tracked)	International	No
Mobile Wallet	Near-instant	0.5–1.5%	Low (data collected)	Growing	Partial
Bank Transfer / RTGS	Instant or T+1	Low (flat fee)	Moderate	Limited by rails	No
Stablecoin	Minutes (T+0)	Very low	Pseudonymous	Global	No
CBDC	Instant (T+0)	Potentially zero	Low (state visibility)	Bilateral CBs	Designed for it

No Single Winner

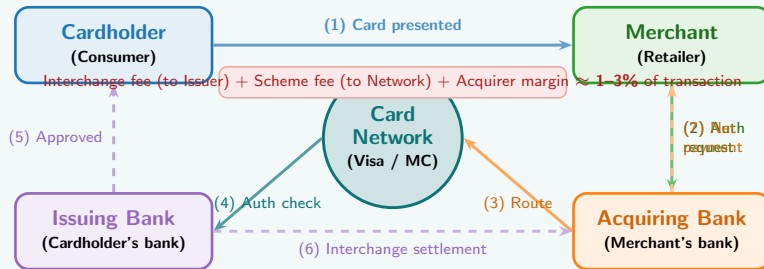
Each method trades off cost, speed, privacy, and reach differently. The “best” payment method depends on the **use case**: micro-payment, cross-border, retail, or wholesale.

The Friction Lens

Fintech competes by **reducing one friction at a time**: cards cut cash-handling cost; wallets cut card friction; stablecoins cut FX conversion delays.

How Do Card Payments Flow? The Four-Party Model

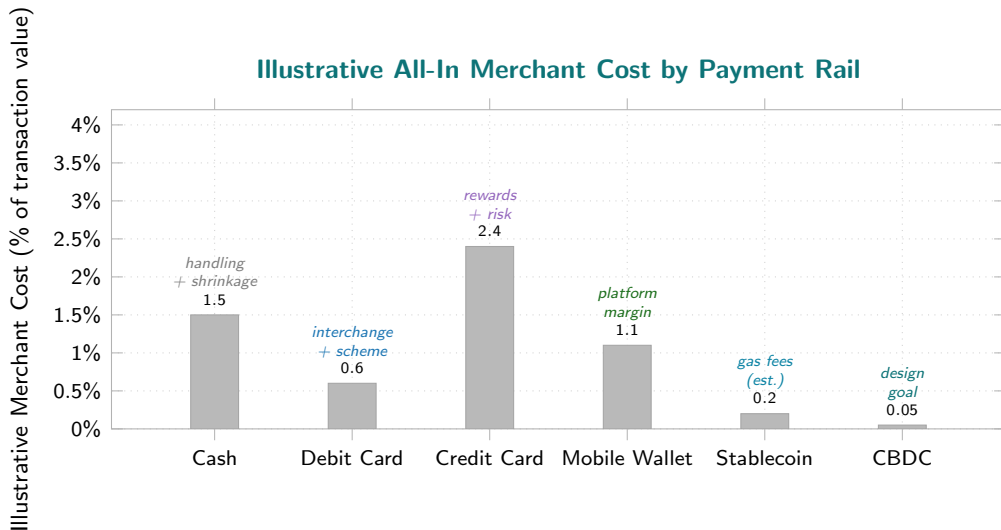
The Four-Party (“Quadripartite”) Card Model – Illustrative Flow



Solid arrows = authorisation flow Dashed arrows = settlement / money flow

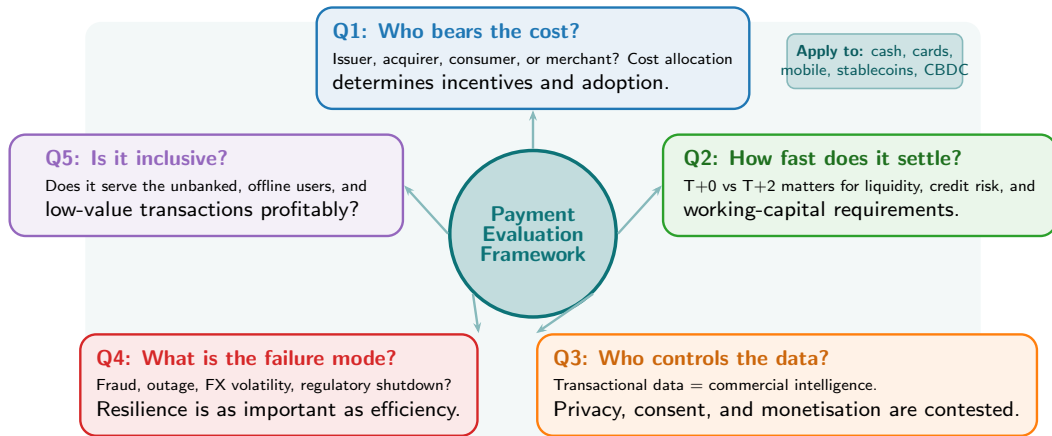
Slide 3/5 — HOW — The four-party model dates to the 1960s. Fintech attacks each leg: neo-banks on issuing, PayFacs on acquiring, stablecoins on the network.

Where Does the Money Go? Illustrative Merchant Cost by Payment Type



All figures are purely illustrative for teaching purposes. Actual costs vary by country, volume, contract, and product type.

So What? A Framework for Evaluating Any Payment System



Slide 5/5 — SO WHAT — Five questions, any fail: cost allocation, settlement speed, data control, failure modes, and inclusion — evaluate any payment system with this lens.