Dual-Rail Payments Architecture Brief

Bank rails and stablecoin rails reconciled in one ISO 20022 view — the reference architecture for PSPs, EMIs and corporates ahead of the November 2026 MT/MX cutover. Brief by OG Technologies EU.

Architecture at a glance

Layer	Rails / formats	Notes
Origination	ERP / treasury — payables, payouts	pain.001/pain.008 generation or API calls
Bank rail	SEPA SCT, SDD, SCT Inst (pacs.008)	EPC rulebooks + Verification of Payee (Oct 2025+)
Stablecoin rail	EURC / USDC on Stellar, Soroban	Anchors, wallets, on/off-ramps — e.g. our Mozart Pay
Reconciliation	camt.053 statements for both rails	On-chain metadata maps into ISO 20022 fields

Deadlines that drive the work

Date	Obligation
Now	DORA applies (since Jan 2025): ICT risk framework, register of information, resilience testing
Oct 2025+	Verification of Payee phased in for SEPA payments
Nov 2026	SWIFT ends MT/MX coexistence — cross-border payment instructions must be MX
Ongoing	MiCA: CASP authorization, e-money token rules; Travel Rule data flows

Where engagements start

Entry point
2-week assessment sprint: message/system inventory, gap report, sequenced migration roadmap
Then: SEPA & ERP pipeline build, and a EURC/USDC settlement pilot mapped into camt.053