RAPIDQUBE

TRANSFORMING BUSINESS PARADIGMS

Shared transaction ledger between Customers and their Vendors to ensure continuity of cash flow for customers

RaTF – Third party Financing
SOLUTION

Shared ledger between Customers and their Vendors to ensure continuity of cash flow for customers

❖ **HIGH VOLUMETRIC TRANSACTIONS**: Transparency, consensus and smart contracts instills confidence to participants

❖ **REGULATORY DEMANDS ANY TIME**: A record of consensus with a cryptographic audit trail of transactions

❖ **STRENGTHEN RISK MANAGEMENT**: through stronger auditability and counterparty ties

CUSTOMIZATION

TO SUIT INDIVIDUAL NEEDS

PROCESS CYCLE

END TO END DIGITAL PROCESS

RaTF
SOLUTION

- **CHALLENGES**
- **WORKFLOW**
- **ARCHITECTURE**
- **BENEFITS**

CHALLENGES

BANKS

Manual, paper based processes

Lack of Real Time information

IMPORTERS & EXPORTERS

Excess Inventory Manual, paper based processes

Duplication of Administrative Process

CARRIERS

No single version of "the Truth"

Manual, paper based processes

FORWARDERS

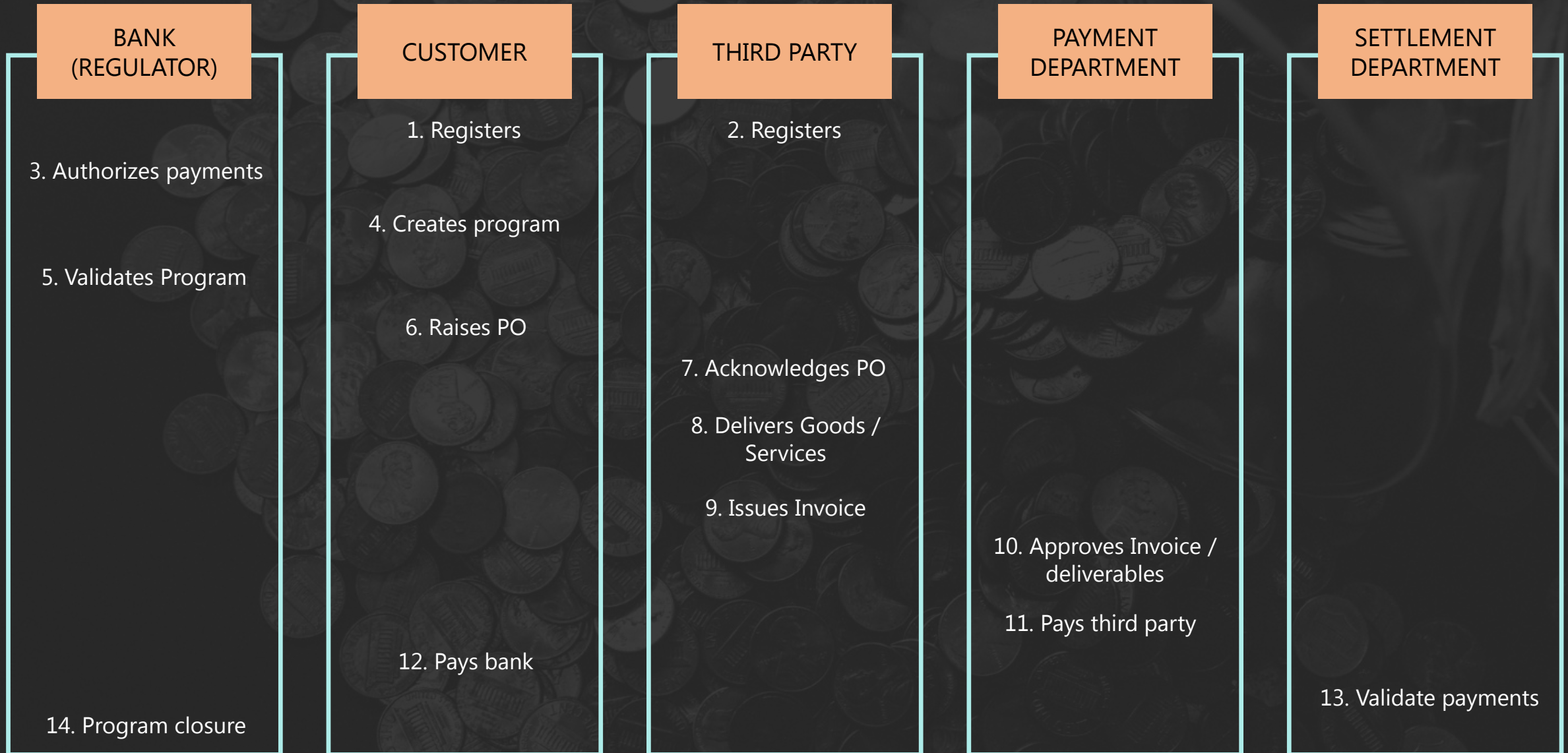Manual data collection

Manual paper based processes

PORTS

Collection & delivery black holes
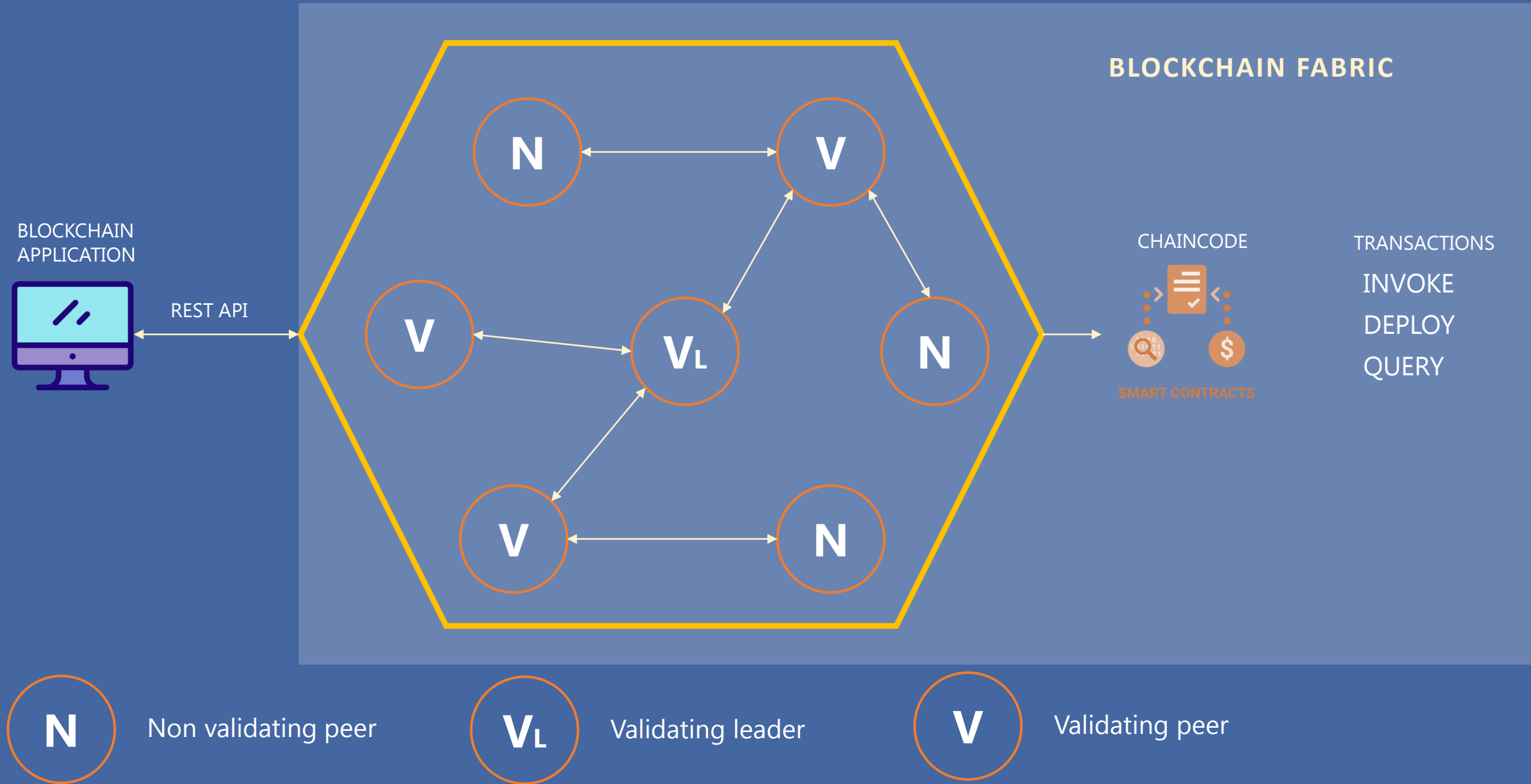
Sub-optimal stack placement

Manual data collection

AUTHORITIES

False positives

Lack of visibility pre-manifest

Lack of visibility into land movement before/after ocean transport

SOLUTION WORKFLOW

BANK (REGULATOR)	CUSTOMER	THIRD PARTY	PAYMENT DEPARTMENT	SETTLEMENT DEPARTMENT
	1. Registers	2. Registers		
3. Authorizes payments	4. Creates program			
5. Validates Program	6. Raises PO	7. Acknowledges PO		
		8. Delivers Goods / Services		
		9. Issues Invoice		
			10. Approves Invoice / deliverables	
			11. Pays third party	
	12. Pays bank			
				13. Validate payments
14. Program closure				

APPLICATION ARCHITECTURE

BLOCKCHAIN FABRIC

N

V

BLOCKCHAIN
APPLICATION

REST API

V

V_L

N

V

N

CHAINCODE

SMART CONTRACTS

TRANSACTIONS

INVOKE

DEPLOY

QUERY

N — Non validating peer

V_L — Validating leader

V — Validating peer

BENEFITS

TRANSPARENCY

Transparency to all parties through blockchain's shared public ledger

PROCESS CYCLE

End-to-end digital process reduced to real-time from days eliminating paper trail and manual intervention

REDUCED RISK

The blockchain implementation will drastically reduce double-invoicing problems and financial frauds

CUSTOMIZATION

Customized financing model to suit individual needs of Fund raisers

AUTHORIZATION

Consensus based authorization for secured and trusted transactions

CONTACT

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THANKYOU