



DIGITAL REVOLUTION: HYPE AND REALITIES

Primavera De Filippi

Coala



PRIMAVERA DE FILIPPI

HARVARD LAW SCHOOL
CERSA / CNRS / UNIVERSITÉ PARIS II

@yaoeo

BLOCKCHAIN TECHNOLOGY

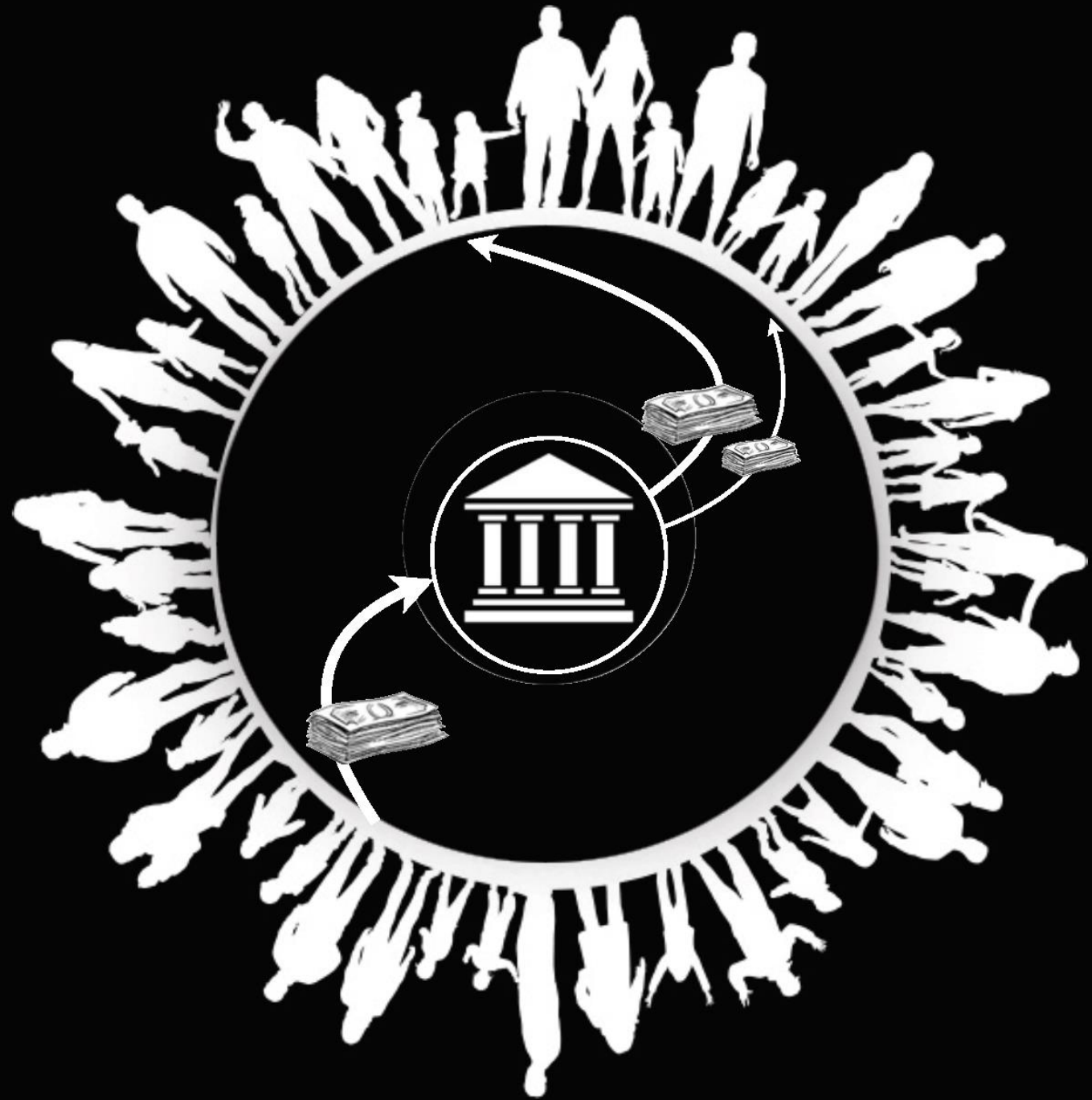
PRESENT AND FUTURE OPPORTUNITIES

INTRODUCTION
TO THE **BLOCKCHAIN**

DISINTERMEDIATION

P2P COMMUNICATION & INFORMATION FLOW



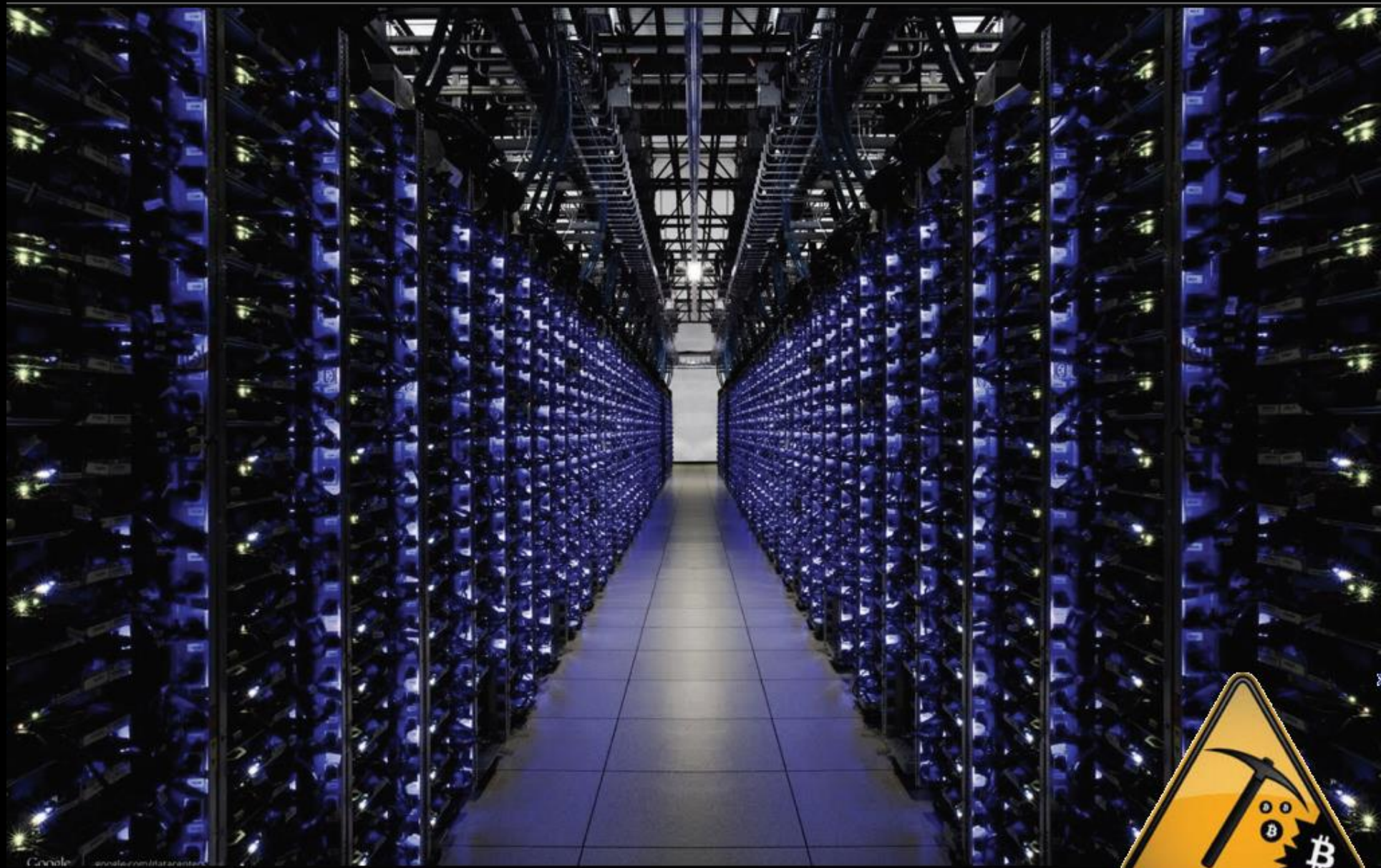




GOLD MINING



BITCOIN MINING

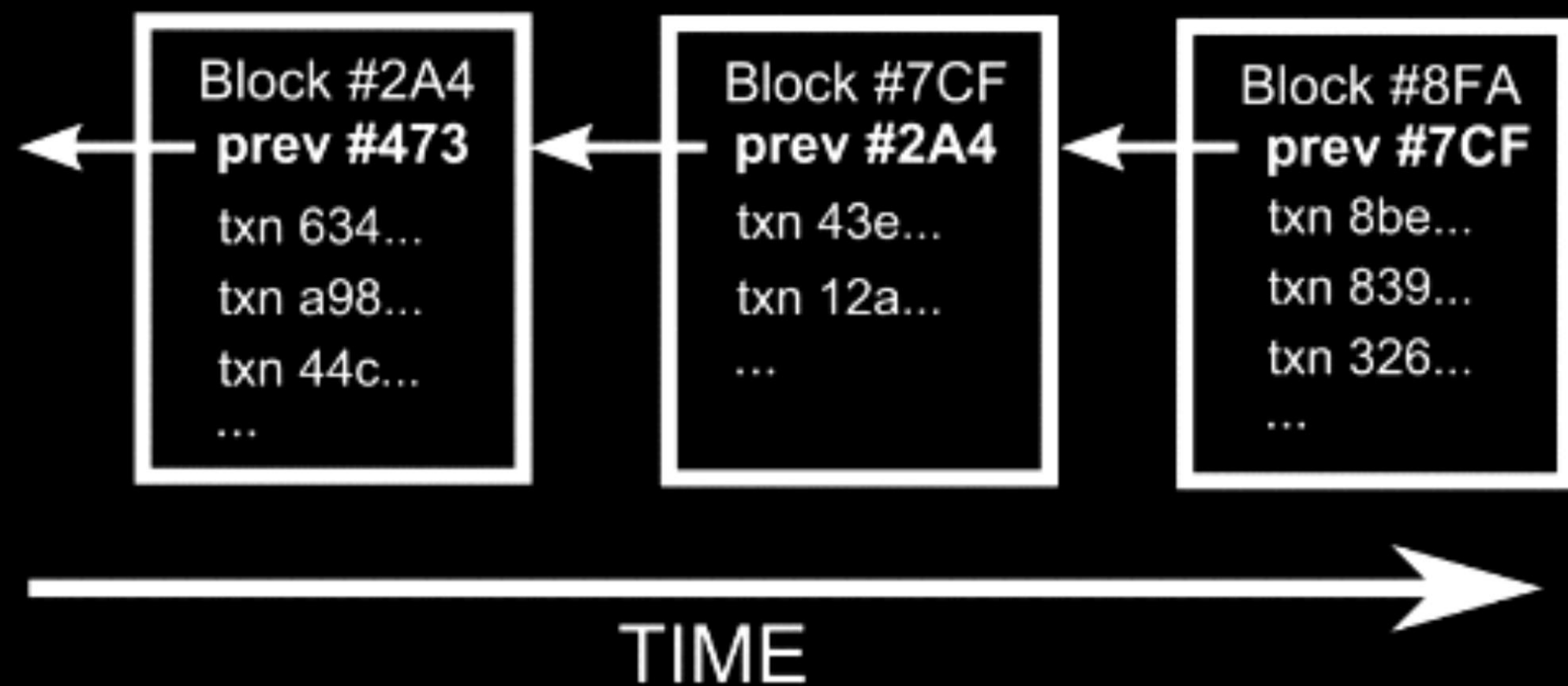


BLOCKCHAIN TECHNOLOGY









SO

—**WHAT**—

?

THE INTERNET OF
VALUE

DIGITAL SCARCITY





ACCOUNTING **INNOVATION**



REMITTANCES

BitPesa

ABRA



INTERBANK TRANSACTIONS



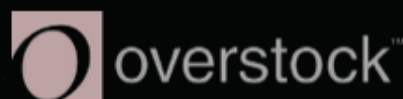
Automatic reconciliation
Automatic conversion of funds

SECURITY MARKETS

AUTOMATIC SETTLEMENT & CLEARANCE



t0



The Trade *is* the Settlement



chain

+

NASDAQ[®]

SMART DERIVATIVES



Financial Engineering
greater efficiency + precision

NEXT-GENERATION

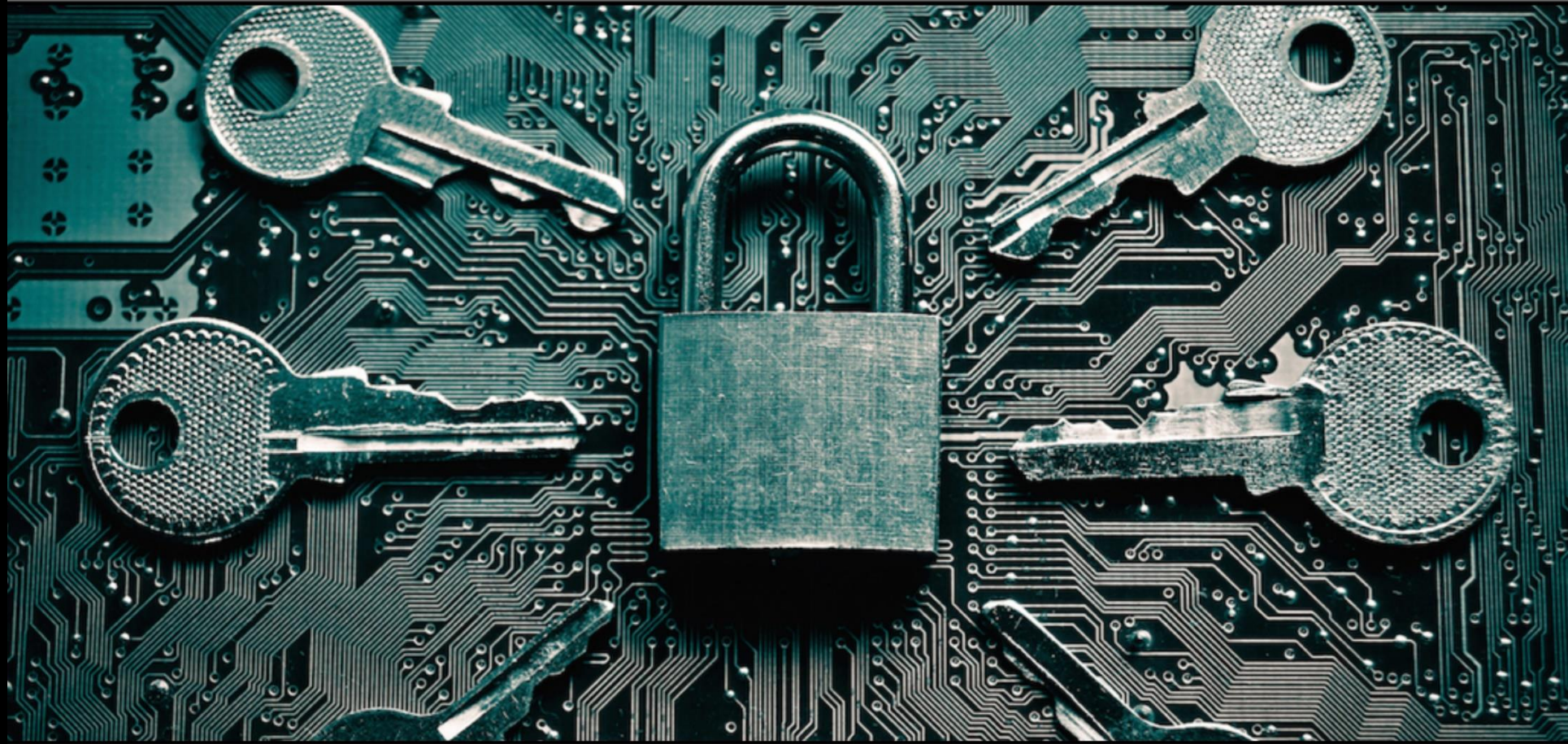


ACCOUNTING

THE INTERNET OF
TRUST

TRANSPARENT

TIME-STAMPED



TAMPER-RESISTANT

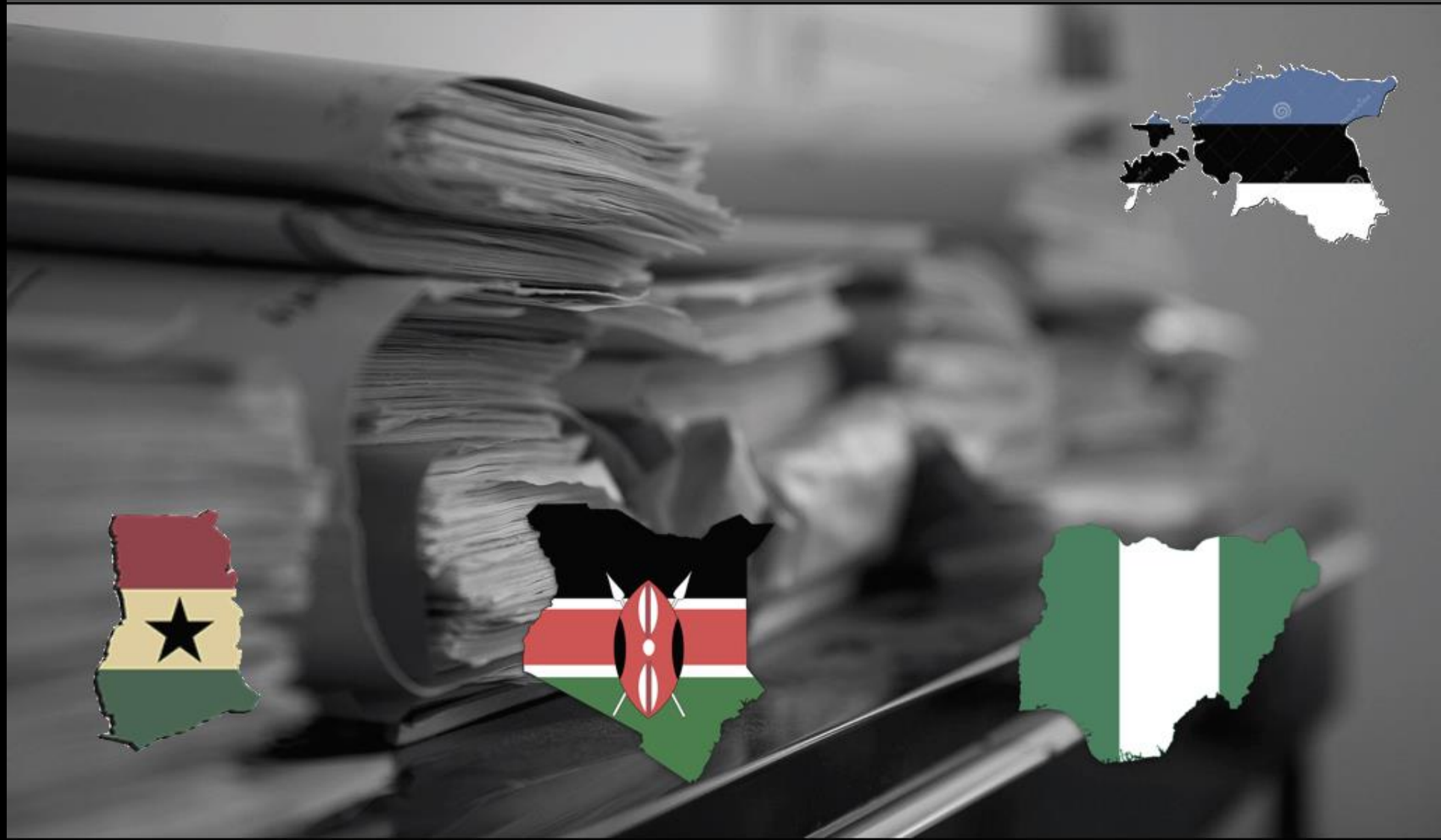
PROOF OF EXISTENCE



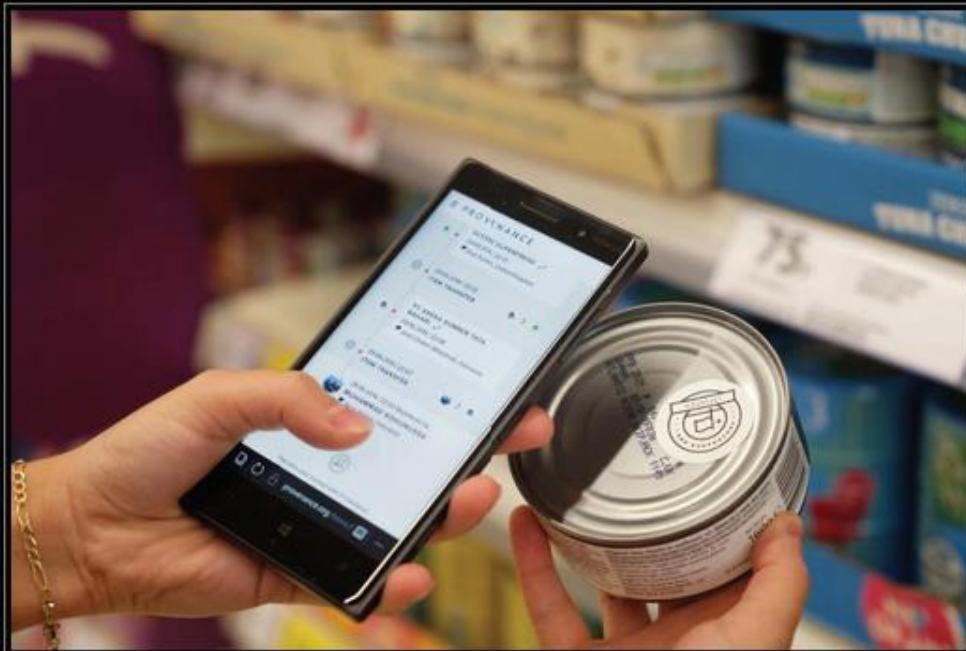
FROM “TRUST” TO “PROOF”



MORE TRANSPARENT & RELIABLE
GOVERNMENT RECORDS



PROOF OF PROVENANCE & **SUPPLY CHAIN**



SO

—**WHAT**—

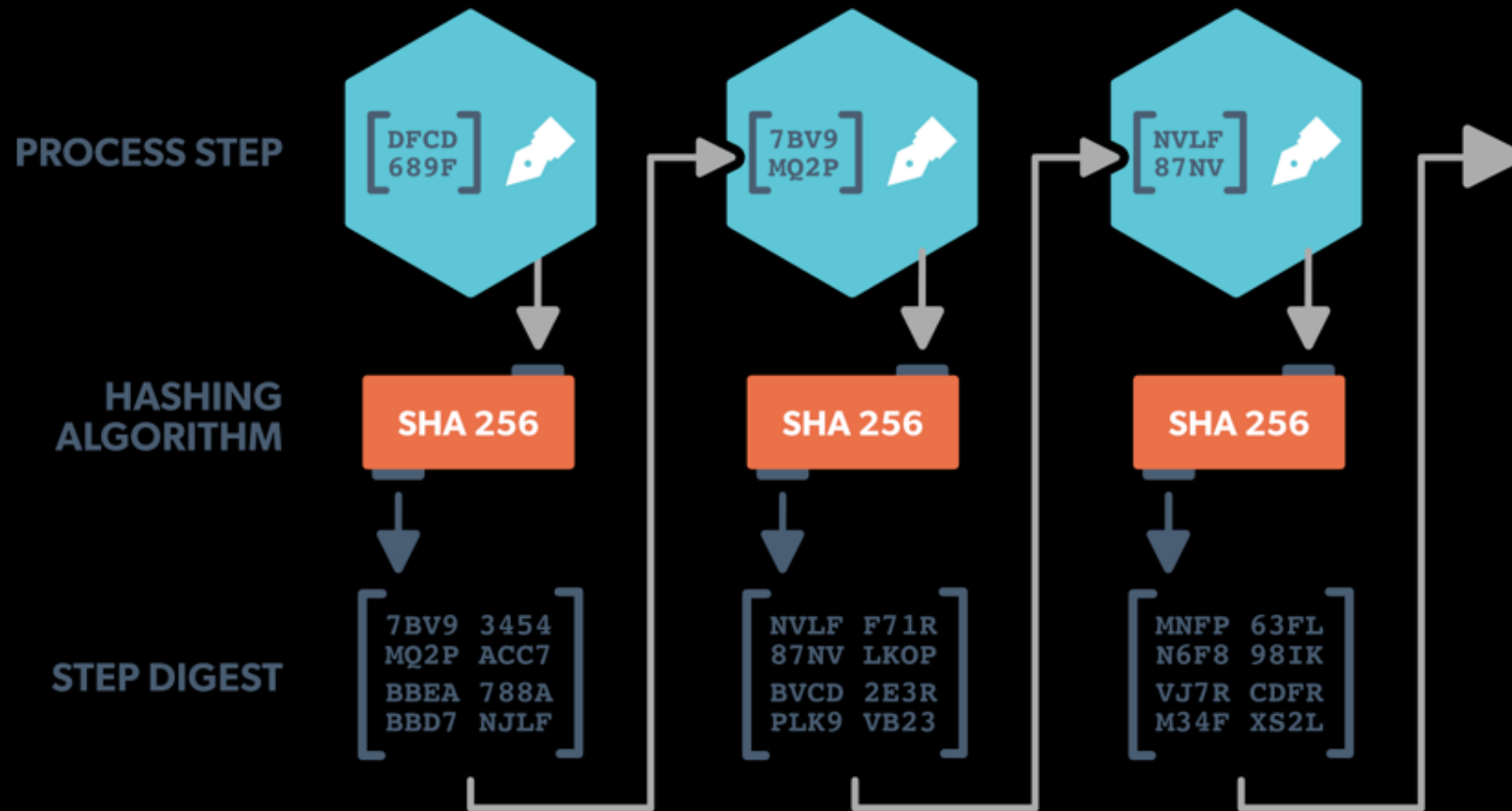
?

DIGITAL AUDIT TRAIL



PROOF OF PROCESS

STEP-BY-STEP RECORDING
+ TIMESTAMPS



TRANSPARENT AND PROVABLE RESULTS



ACCESSIBLE DATA: CERTIFIED + AUTHENTICATED
AUDITABLE PROCESS

FINANCIAL AUDITING



TECHNICAL ACCOUNTABILITY



MULTI-SIGNATURES
—CONTROLLED EXPENDITURES—

KEYLESS WALLETS
—NO CUSTODY—

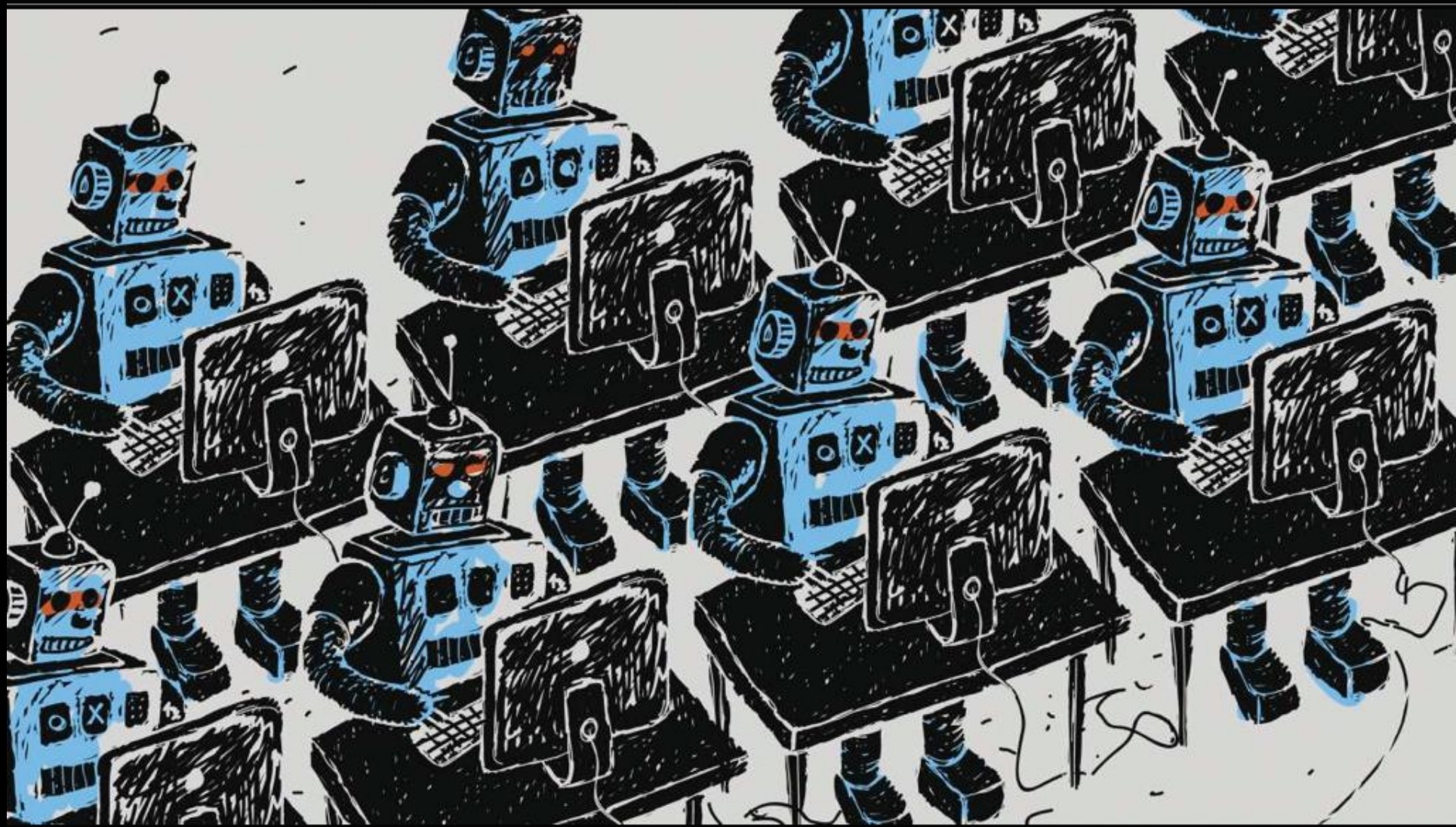
PROOF OF RESERVE
—REAL-TIME AUDITING—



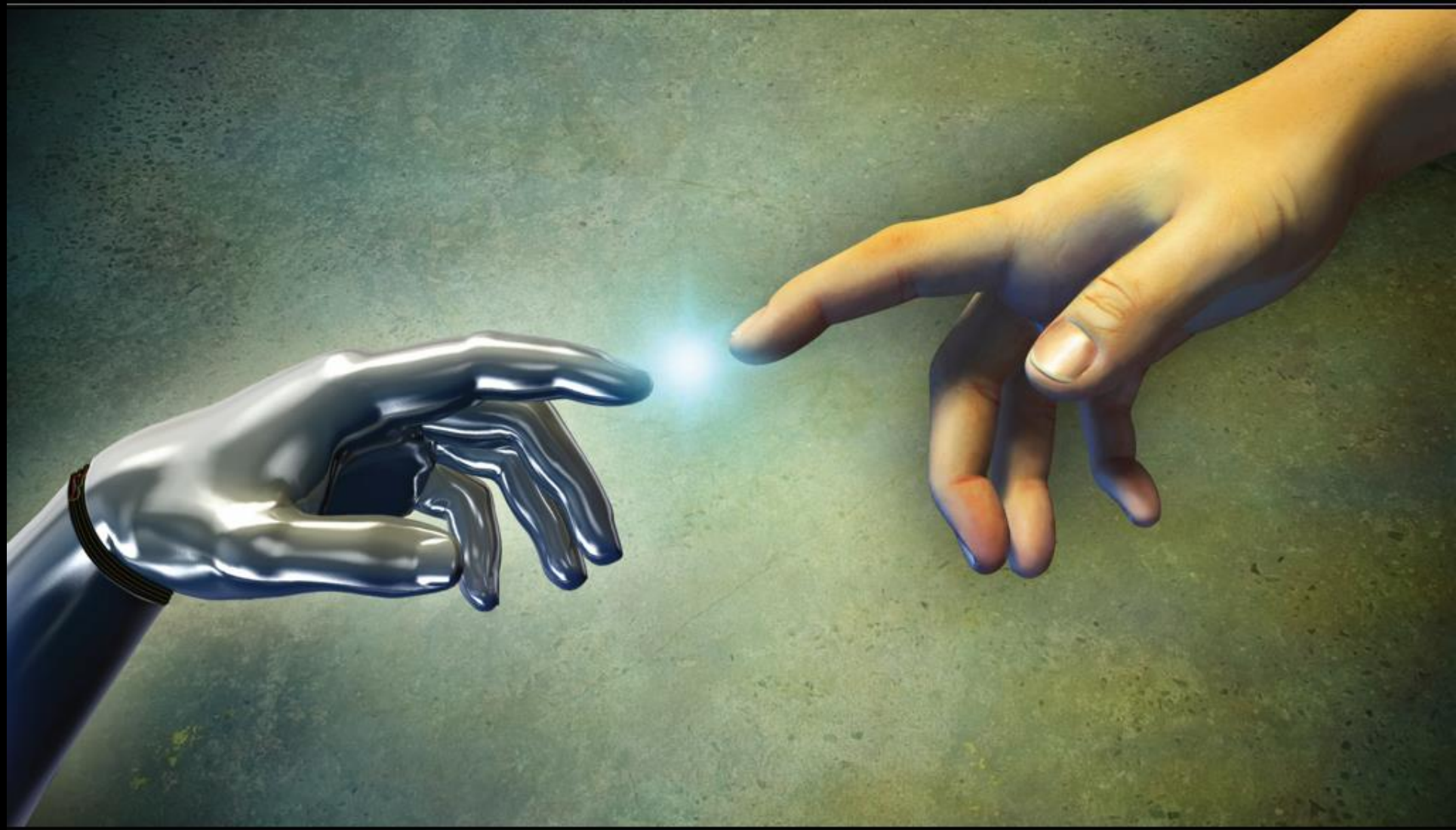
NEXT-GENERATION



AUDITORS ?



WELCOME TO THE 4TH INDUSTRIAL REVOLUTION



WELCOME TO THE 4TH INDUSTRIAL REVOLUTION

THANK YOU

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