Introduction

Why we are talking about Triple Entry today

Changing business environment:

from paper → Excel → ERP → Blockchain

Simple analogy of triple entry

(shared receipt everyone can see)

What is Triple Entry Accounting?

Single Entry → Double Entry → Triple Entry

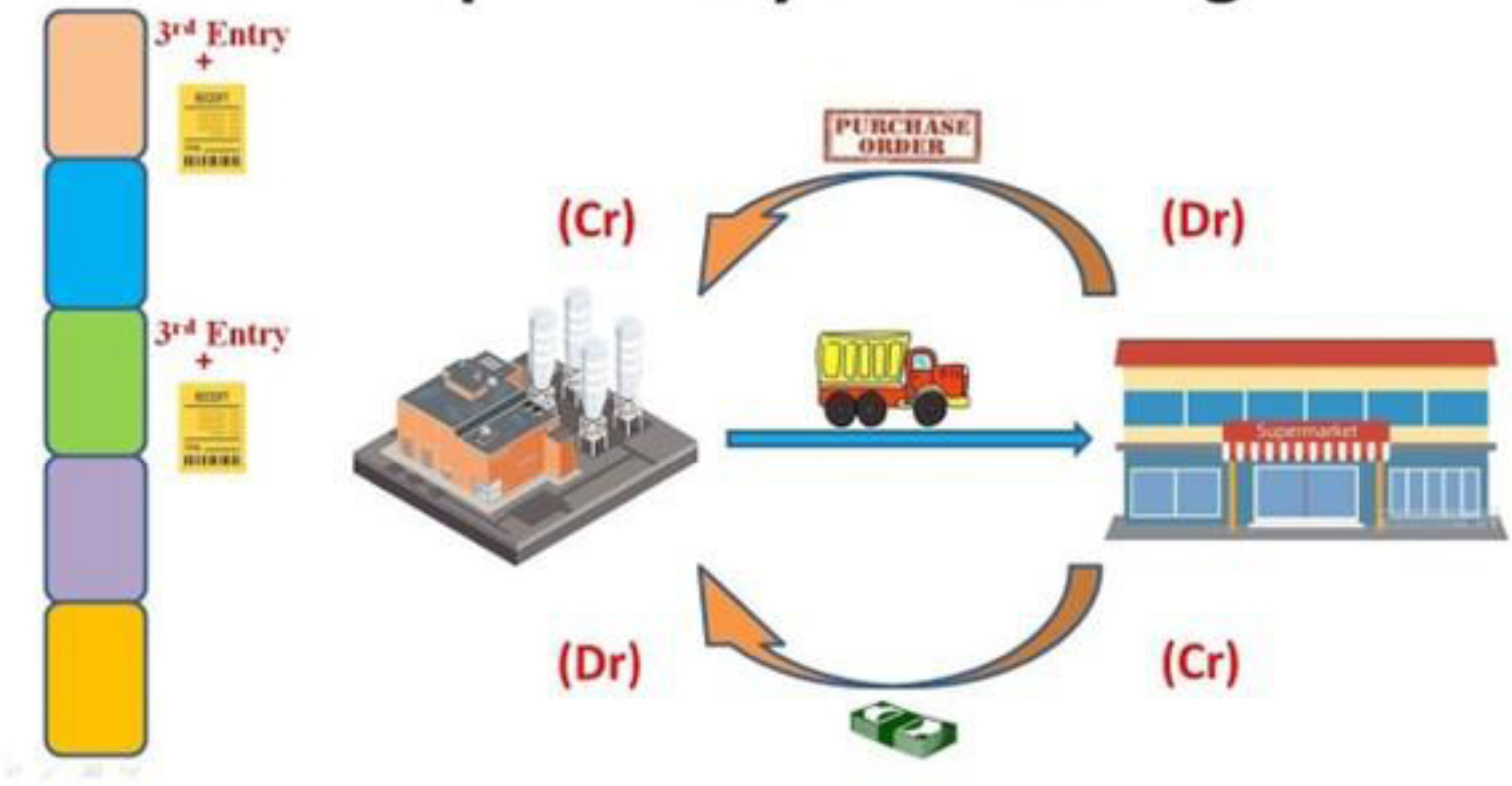
Triple Entry =

Buyer's entry + Seller's entry + Blockchain shared, signed entry

Immutable, time-stamped,

verified by both parties

Triple Entry Accounting

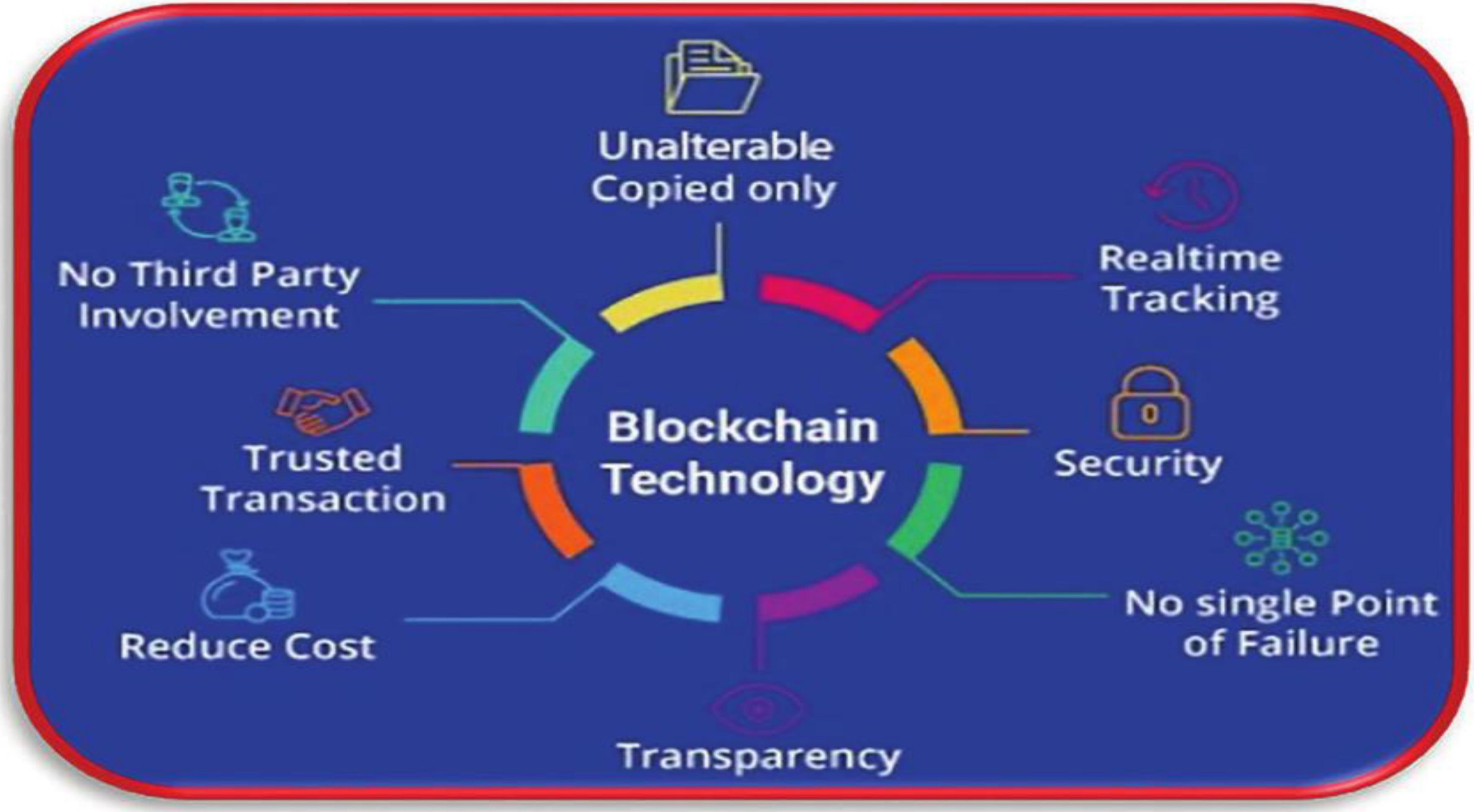


Blockchain is called "trustless" not because it eliminates the need for trust entirely, but because it minimizes the need for trust in third parties.

Instead of relying on a central authority, blockchain relies on cryptographic protocols and a distributed network to validate and secure transactions.

This means users can interact with each other and the system without needing to trust a specific individual or institution

Advantages of Blockchain



Why It Matters for SMEs & MSMEs

- Faster payments and less disputes
- Builds trust with banks and suppliers
- Reduces fraud in transactions
- Opens doors for cheaper finance & subsidies

Practical SME/MSME Use Cases for CAs

01

Invoice verification

with customers & suppliers

02

Stock movement tracking

for high-value goods

03

Loan / Credit Guarantee tracking

with banks

04

Vendor payment history

shared with auditors & lenders

05

Service contract milestone tracking

Step-by-Step Example

Case: Garment manufacturer selling to a retailer

Invoice uploaded → retailer accepts → transporter logs delivery

Bank sees confirmed invoice → approves loan

Auditor verifies events from blockchain ledger

Starting Small: How CAs Can Begin

1. **Pick 1 client and 1 process**

   (sales invoices, e-way bills)

2. **Use free/low-cost blockchain document stamping tools**

3. **Record & share 5–10 real transactions**

4. **Review improvement in dispute resolution & audit speed**

Advantages for CAs

- Stronger client relationships
- Tech-savvy positioning
- Reduced manual verification in audits
- Creation of niche service offering

Recent Financial Frauds (Simple Examples)

TODAY'S PAPER

The Indian EXPRESS
JOURNALISM OF COURAGE

News / Cities / Mumbai / Sixth accused arrested in Rs 122-crore New India Co-operative Bank scam in Mumbai

Premium

Sixth accused arrested in Rs 122-crore New India Co-operative Bank scam in Mumbai

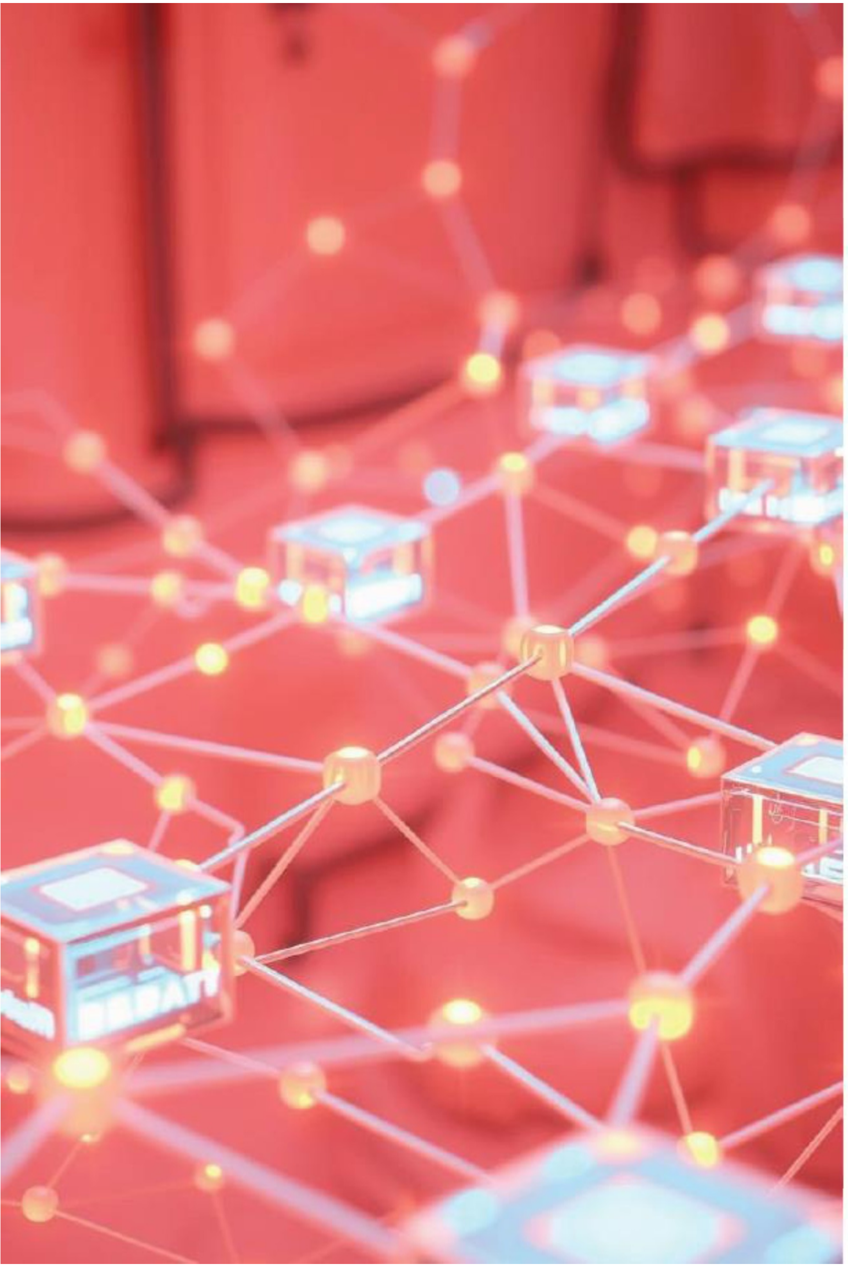
Arunachalam Ullahanathan Maruthuvar had remained at large even though his role was identified soon after the scam in New India Co-operative Bank came to light last month

NDTV

Aug 02, 2025 14:33 pm IST

Digital Fraud, Cybercriminals Stole Rs 23,000 Crore From Indians In 2024

Bank-related frauds have increased dramatically; the RBI reported a nearly eightfold jump in the first half of FY 2025/26 compared to the same period last year.



How Blockchain Solves These

- Immutable timestamps prevent backdating
- Shared records prevent duplicate finance
- Digital signatures confirm transaction authenticity
- Audit trails for all changes

Blockchain in Forensic Audit

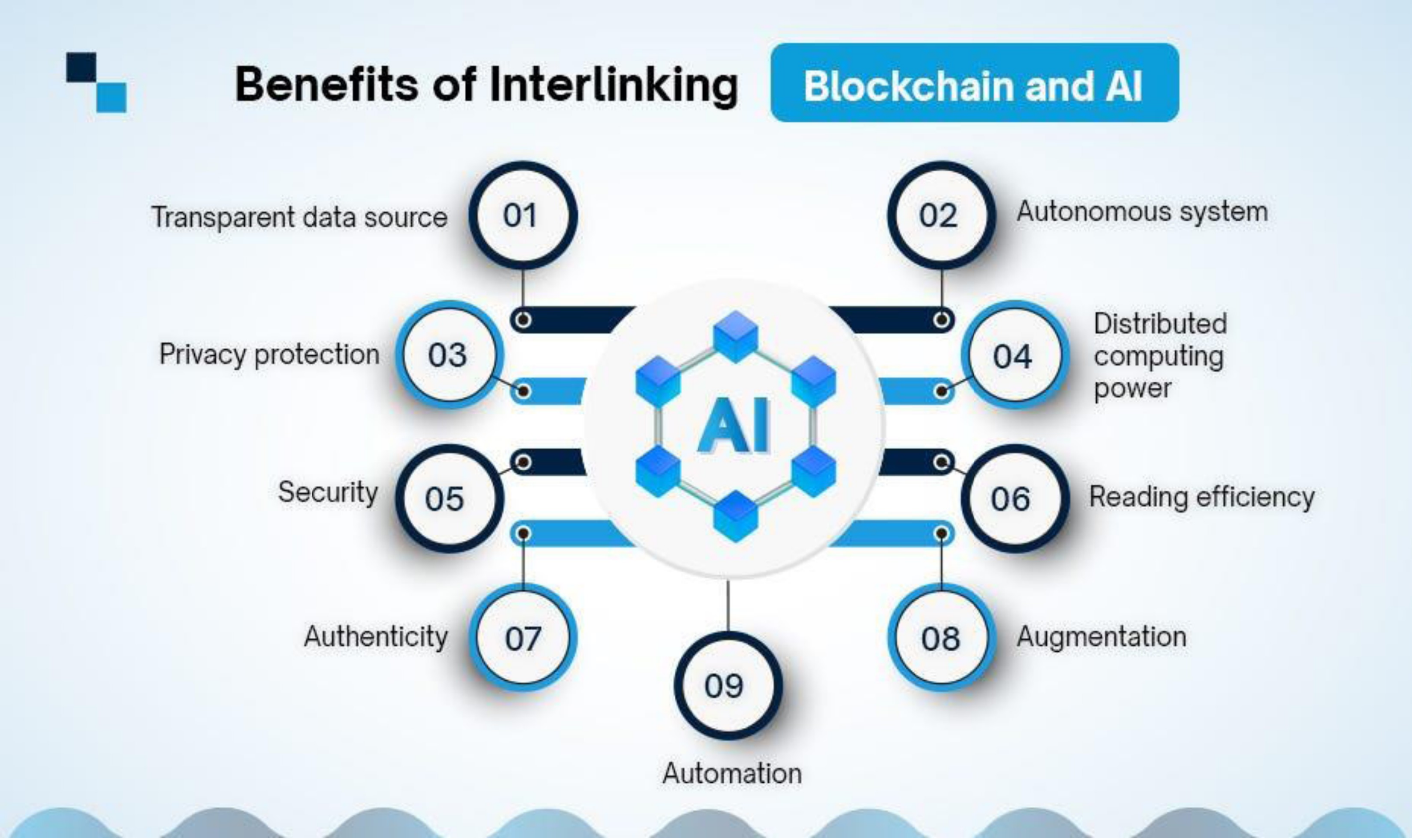
- Tamper-proof evidence storage
- Chain-of-custody tracking
- Cross-party data verification
- Linking physical & digital events
- Early fraud detection with AI
- Court-ready reporting

Blockchain in Auditing

- Continuous audit possible
- Reduced sampling through complete immutable data
- Reconciliation efficiency
- Improved fraud detection
- Automated audit trail

AI + Blockchain for Scale

1. Real-time anomaly detection
2. Automated risk scoring
3. Predictive compliance alerts
4. Visual analytics dashboards
5. Fraud investigation acceleration
6. Continuous assurance loop


Benefits of Interlinking Blockchain and AI
01 Transparent data source
02 Autonomous system
03 Privacy protection
04 Distributed computing power
05 Security
06 Reading efficiency
07 Authenticity
08 Augmentation
09 Automation
AI

CA Preparation Checklist

01

Learn basic blockchain terms

02

Identify 2–3 clients for pilots

03

Partner with blockchain solution providers

04

Document success stories

✅ Blockchain Deployment Checklist for CAs (Need Analysis Tool)

Area	Current Process Pain Point	Can Blockchain Help?	Deployment Use Case / Action Item	Priority (H/M/L)
Invoice Management	Fake invoices, backdating, manual reconciliation	✅ Yes	Implement triple-entry invoice validation & e-invoicing via Blockchain	High
Audit Trail & Record Keeping	Easy to manipulate logs, no traceable version history	✅ Yes	Use tamper-proof ledger for audit trail & compliance documentation	High
Vendor Payments	Disputes over timelines, rates, or work completion	✅ Yes	Smart contracts for milestone-based payments	Medium
Stock & Inventory Tracking	Theft, stock discrepancies, manual errors	✅ Yes	Real-time shared inventory ledger across locations & parties	High
GST Compliance	Matching issues, fraud through fake ITC	✅ Yes	Blockchain-based GST data sync for input/output matching	High
Payroll & HR	Ghost employees, attendance fraud	✅ Yes	Biometric + Blockchain identity system	Medium
Fixed Asset Register	Manipulated depreciation schedules or asset theft	✅ Yes	Blockchain register for asset movement & tracking	Medium

Do’s & Don’ts

Do’s:

- Start small
- Show measurable benefits
- Protect data privacy
- Use trusted partners

Don’ts:

- Overhype
- Ignore compliance
- Push tech without understanding client needs

What Is Digital Trust?

Digital trust is the **“ability of an organization to inspire confidence within their digital ecosystem about their intent and capability to deliver the promised services.”**

Your business needs to be trusted by customers in order to succeed in the long run. Without trust, customers will run to another company with more secure offerings.

ICAI’s Role & Support

- Training programs
- Standard setting
- Sandbox environments
- Networking between CAs & tech providers

Government Blockchain Projects

- RBI Digital Rupee (CBDC)
- NeSL e-Bank Guarantees
- SEBI DLT for debentures
- Coffee Board traceability marketplace
- State land record pilots

Complex Opportunities for CAs

1. Forensic accounting
2. ESG reporting
3. Subsidy & grant disbursement
4. Cross-border trade documentation
5. Supply chain finance tracking

How to Learn More

- ICAI DAAB resources
- NIC Blockchain CoE
- Online blockchain basics
- Tech sessions at CA events