

TAMPER-PROOF DOCUMENT TRUST SYSTEM

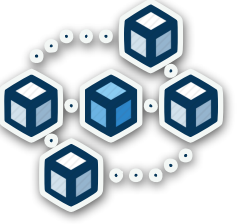
Mohammad Jamshed Qureshi

Blockchain Development Program

George Brown College

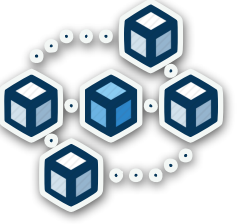
April 2020

ABOUT ME



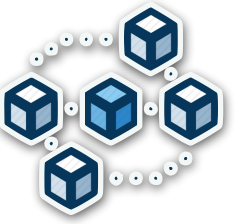
- I.T. Consultant & Architect
- Education
 - Liverpool University (MSc.)
 - York University (Cybersecurity)
 - George Brown College (Blockchain Development)
- Experience
 - 20+ Years
 - Financial Industry
 - Enterprise Solutions
 - I.T. Security

PROBLEM



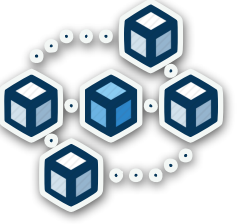
- Today a typical enterprise generates:
 - Huge volume of digital documents and in various forms.
 - Content ranges from classified, non-classified, or public.
 - Customer data (KYC), contracts, financial information (AML), etc
- Document tampering threats from internal and external adversaries
 - Ransomware attacks, recent WannaCry attack (May 2017)
- Its a challenging task to secure and protect data

BENEFITS



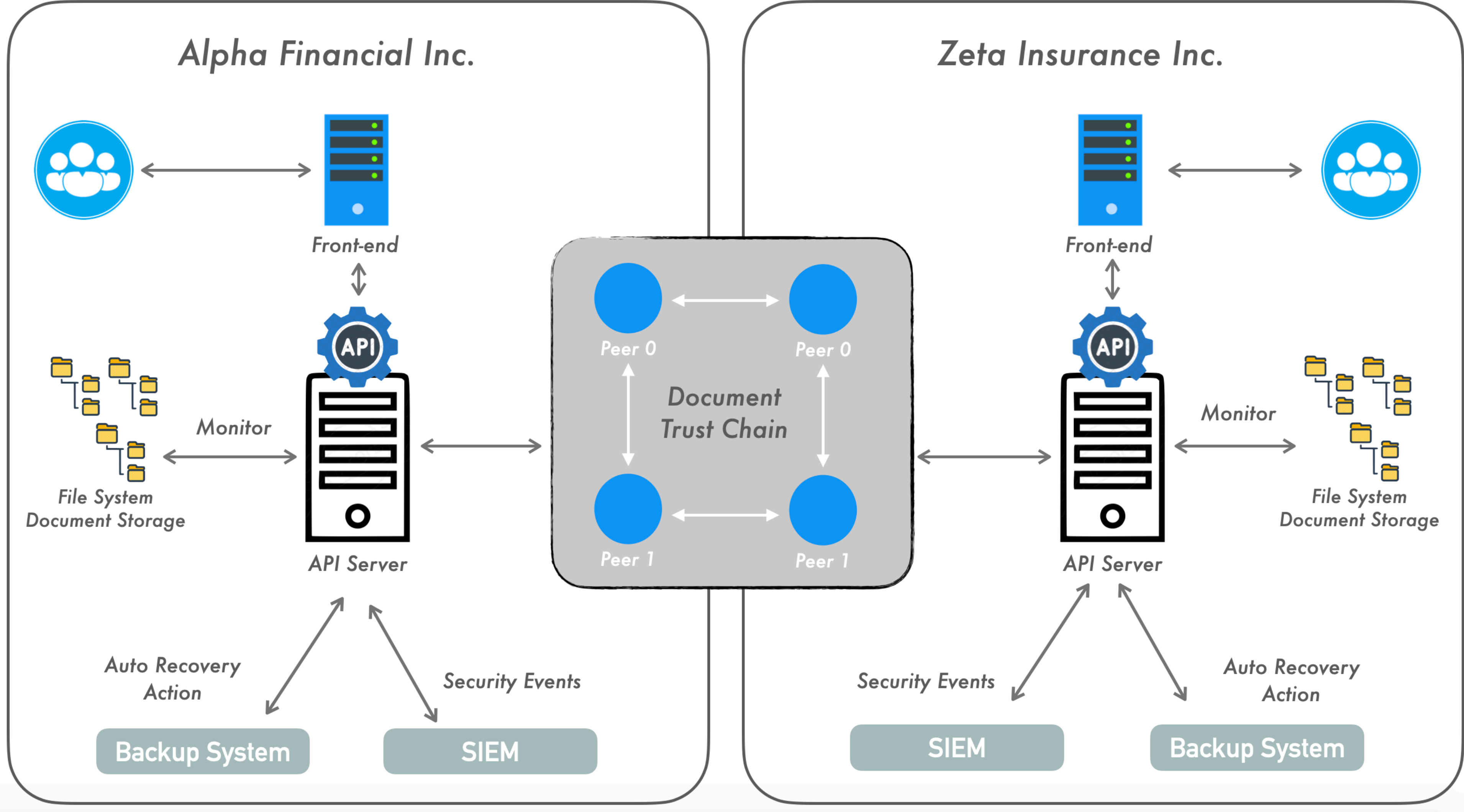
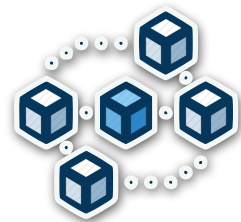
- Provides immutability for files and documents
 - Blockchain consensus algorithm provides the immutability, once stored it cannot be modified or updated
 - Prevents unauthorized modifications to private documents (KYC/AML) or transaction data
- Reduce downtime and automated recovery

FEATURES

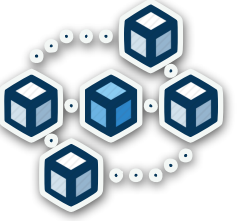


- Provides protection for entire file-system and not just for single documents
- Proactively monitors File-System for any modifications
- Automated Recovery
 - Integrates with Backup Recovery Solutions
- Integration with Security information and event management (SIEM) systems
- Open API integrates with existing business workflows

USE CASE – DOCUMENT TRUST CHAIN



ROADMAP

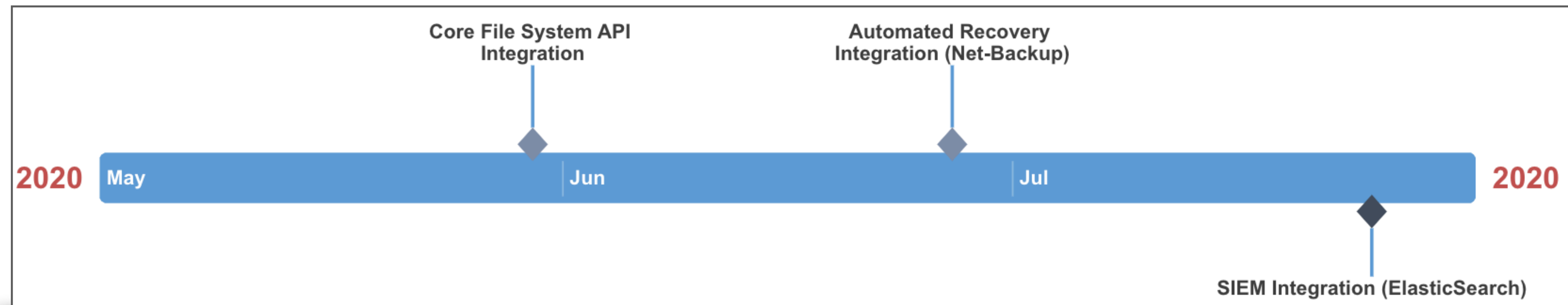


➤ Phase 1: Core

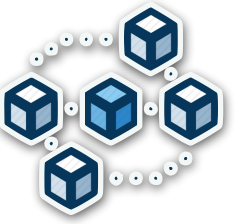
- Monitor FileSystem in Real-time

➤ Phase 2: Integrations

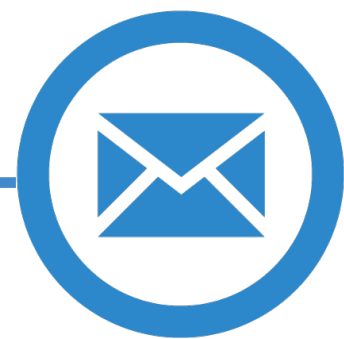
- Automated Recovery integration with Net-Backup
- Security Event Monitoring (Splunk)



LET'S DISCUSS MORE



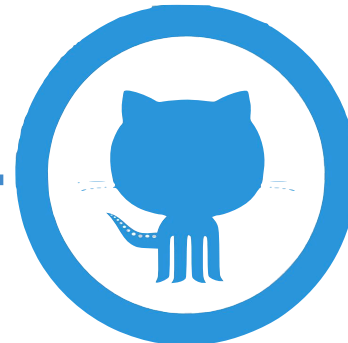
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GitHub

<https://github.com/quizoxis>

**Your Problem &
Solution**

**Regulatory
Compliance
Proof-of-Process**

**Tamper Proof
Document Storage
System**

**Supply Chain
Provenance**

**Remittances &
Settlement (KYC/
AML)**

**Inventory
Management**

**Internet of
Things
IoT**

BLOCKCHAIN