Drawings

MWRASP Quantum Defense System

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PATENT DRAWINGS

Temporal Data Fragmentation System

USPTO Format - Black and White Line Drawings

FIGURE 1 - System Architecture Overview

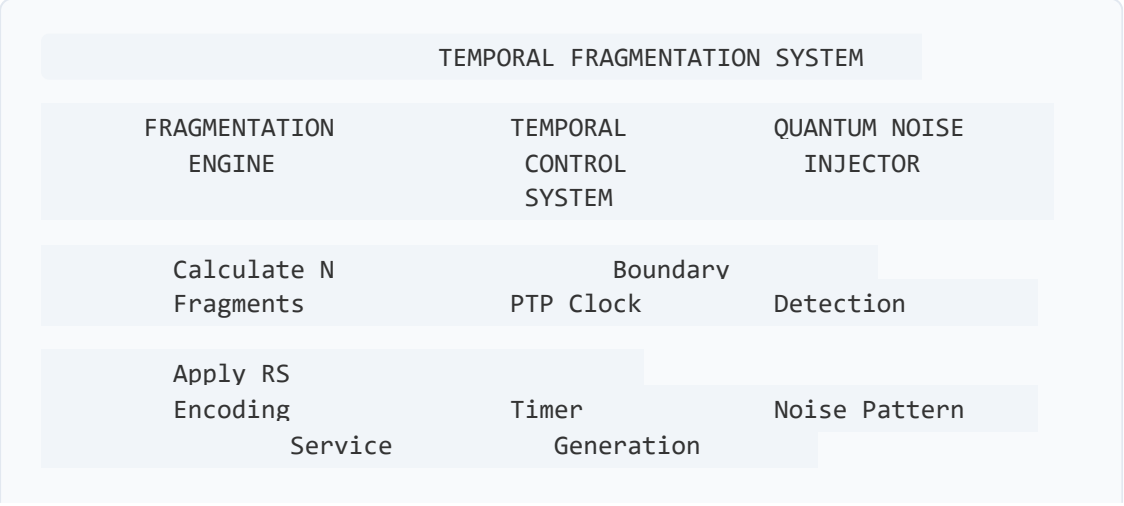

Figure 1: High-level system architecture showing major components and data flow

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FIGURE 2 - Fragmentation Process

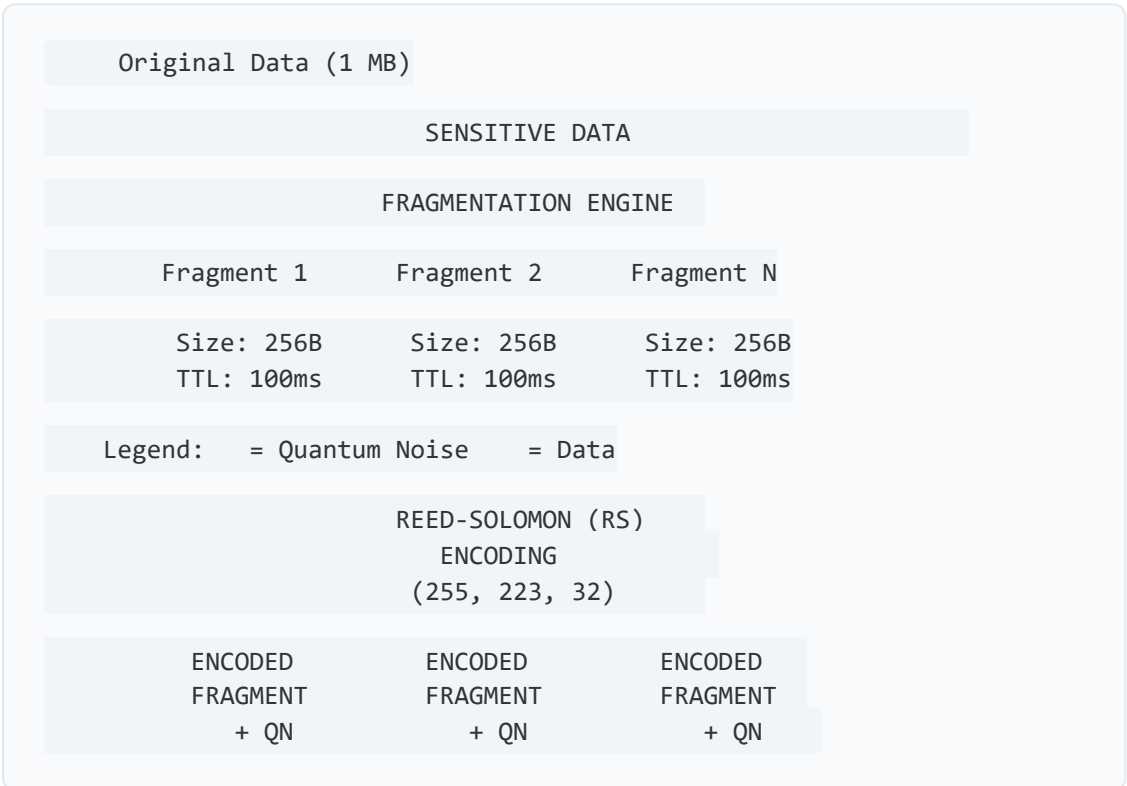

Figure 2: Data fragmentation process showing quantum noise injection and RS encoding

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FIGURE 3 - Temporal Control Timeline

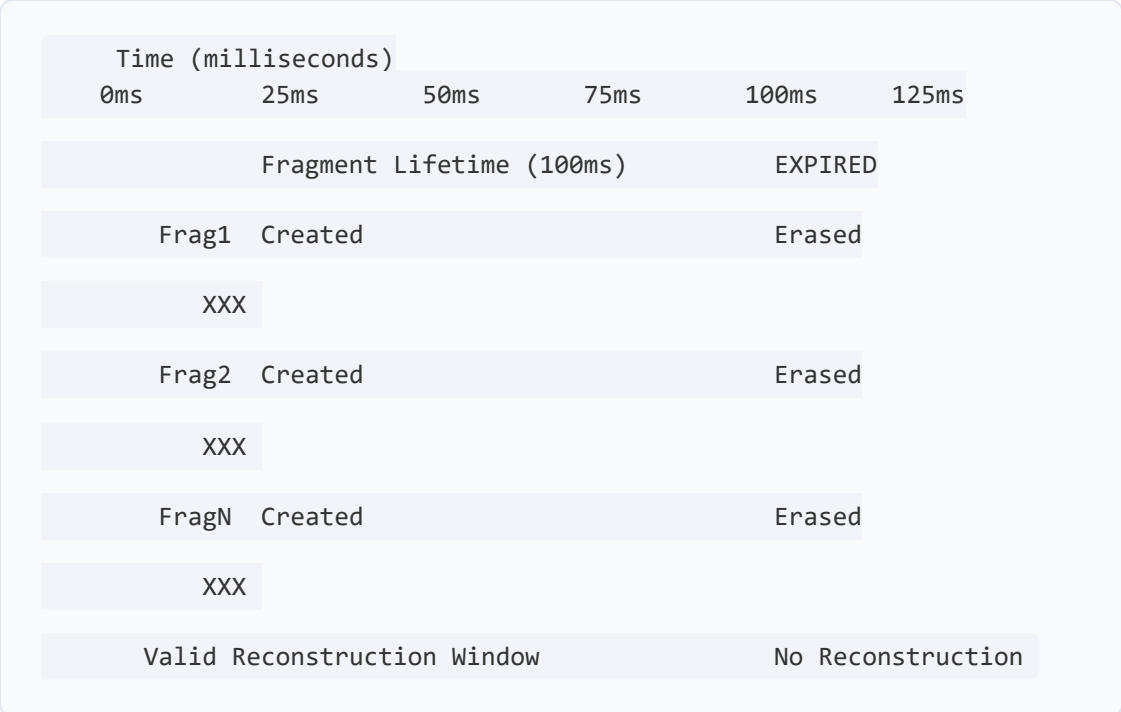

Figure 3: Temporal control timeline showing fragment lifecycle and expiration

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FIGURE 4 - Distributed Storage Network

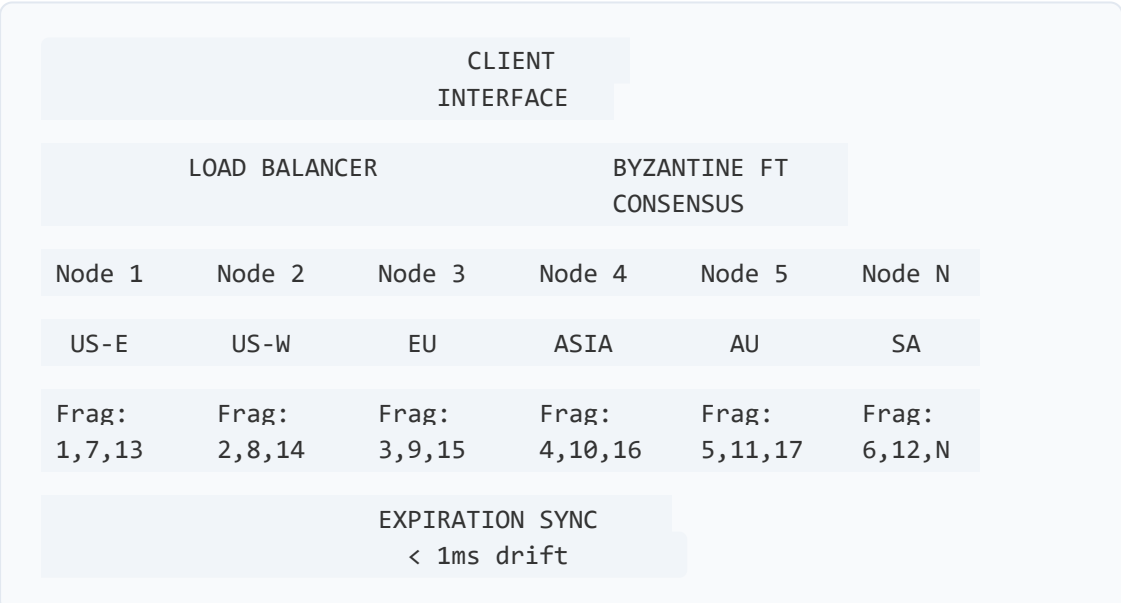

Figure 4: Distributed storage network with geographic distribution

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FIGURE 5 - Quantum Noise Injection Pattern

Figure 5: Quantum noise injection pattern showing boundary application

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BRIEF DESCRIPTION OF DRAWINGS

Figure 1 illustrates the overall system architecture of the temporal fragmentation system, showing the relationships between the fragmentation engine, temporal control system, quantum noise injector, distributed storage network, and expiration service.

Figure 2 depicts the fragmentation process, showing how original data is divided into fragments, quantum noise is applied to boundaries, and Reed-Solomon encoding is performed.

Figure 3 presents a timeline view of the temporal control system, illustrating the 100ms fragment lifetime, the valid reconstruction window, and the cryptographic erasure process that occurs at expiration.

Figure 4 shows the distributed storage network architecture with geographic distribution across multiple nodes, Byzantine fault-tolerant consensus, and synchronized expiration timing.

Figure 5 details the quantum noise injection pattern, showing how noise is applied to fragment boundaries using XOR operations with BLAKE2B-generated patterns.

DRAWING COMPLIANCE NOTES:

1. All drawings comply with USPTO requirements per 37 CFR 1.84
2. Black ink on white background
3. No color or grayscale shading
4. Line weights appropriate for reproduction
5. All text in drawings is in CAPITAL LETTERS
6. Figures are numbered consecutively
7. Reference numerals are consistent throughout

[END OF DRAWINGS]

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