



## SPECIFICATIONS

# qProtect™ 100

Unbeatable security for data in uncontrolled environments

### Configuration

#### Virtual Zeroization Storage Devices

- Standard form factor: 8GByte microSD Card  
*Other device types available on request.*
- Storage densities from 8 to 256GByte Higher densities available on request

### Automatic Key Destruction (Zeroization)

- The one-time pad key on the device is automatically destroyed during encryption
- Removes need for manual data destruction or additional zeroization steps
- Data remains accessible to authorized users for decryption in a secure location

### Key & Policy Management

Administered via the Trusted Security Foundation® (TSF®) key and policy manager product suite; abridged specifications below. Please see the TSF product sheet for more details.

#### Replication

- Secure replication of policies and managed cryptographic objects — up to 16 nodes per replication group
- Synchronous and asynchronous replication

#### Operations

- FIPS 140-2 Level 3 cryptographic module
- Granular, hierarchical and auditable access control
- Thousands of end-client systems per node, 8,000 key requests/minute per node
- Attended or unattended secure startup

#### Standards & Interoperability

- OASIS KMIP: Conformant with standards 1.0/1.1/1.2/1.3/1.4/2.0
- Basic and advanced KMIP profiles
- Fully implements all requirements in NIST SP 800-57 Part 1
- Common Criteria EAL 2 certified
- Supports PKCS#11 over KMIP

#### Implementation

- Delivered with qClient™ 100, a software development kit adhering to the OASIS Key Management Interoperability Protocol (KMIP). Please see the TSF product sheet for more details.

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Document ID: 3633