

## SPECIFICATIONS

# qProtect™

Unbeatable security for data in uncontrolled environments

<b>Configuration</b>	<p><b>Virtual zeroization storage devices</b></p> <ul style="list-style-type: none"> <li>Standard form factors: 32GByte SD Card / 8GByte microSD Card <i>Other device types available on request</i></li> <li>Storage densities from 16 to 256GByte <i>Higher densities available on request</i></li> </ul>
<b>Automatic Key Destruction (Zeroization)</b>	<ul style="list-style-type: none"> <li>The one-time pad key on the device is automatically destroyed during encryption</li> <li>Removes need for manual data destruction or additional zeroization steps</li> <li>Data remains accessible to authorized users for decryption in a secure location</li> </ul>
<b>Key &amp; Policy Management</b>	<p>Administered via qCrypt products; abridged specifications below. <i>Please see qCrypt data sheets for more details.</i></p>
<b>Replication</b>	<ul style="list-style-type: none"> <li>Secure replication of policies and managed cryptographic objects — up to 16 nodes per replication group</li> <li>Synchronous and asynchronous replication</li> </ul>
<b>Operations</b>	<ul style="list-style-type: none"> <li>FIPS 140-2 Level 3 cryptographic module</li> <li>Granular, hierarchical and auditable access control</li> <li>Thousands of end-client systems per node, 8,000 key requests per minute per node per node</li> <li>Attended or unattended secure startup</li> </ul>
<b>Standards &amp; Interoperability</b>	<ul style="list-style-type: none"> <li>KMIP 1.0, 1.1, 1.2, 1.3, and 1.4</li> <li>Basic and advanced KMIP profiles</li> <li>Supports PKCS#11 over KMIP</li> <li>Fully implements all requirements in NIST SP800-57 Part 1</li> <li>Common Criteria EAL 2</li> </ul>
<b>Implementation</b>	<ul style="list-style-type: none"> <li>Delivered with qClient SDK, a software development kit adhering to the OASIS Key Management Interoperability Protocol (KMIP) and the PKCS#11 API. <i>Please see qClient data sheets for more details.</i></li> </ul>