

**Marktübersicht:  
Verschlüsselung  
für mobile Endgeräte**

| Hersteller                       | Produktname  | Typ                           |                         |                   | Verschlüsselung von |         |        |            |             | Betriebssysteme |       |       |              |         |                  | Integration in |                      |                |                     |                     |                     | Kompatibel             |          |     |     |                         |                      |                         |
|----------------------------------|--|-------------------------------|-------------------------|-------------------|---------------------|---------|--------|------------|-------------|-----------------|-------|-------|--------------|---------|------------------|----------------|----------------------|----------------|---------------------|---------------------|---------------------|------------------------|----------|-----|-----|-------------------------|----------------------|-------------------------|
|                                  |  | End-To-End-<br>Cryptosoftware | Arbeitsgruppen-<br>Tool | Cloud-<br>Service | E-Mail              | Dateien | Ordern | Laufwerken | Partitionen | Windows         | macOS | Linux | Apple<br>IOS | Android | Blackberry<br>OS | andere         | Exchange/<br>Outlook | Lotus<br>Notes | Novell<br>Groupwise | Microsoft<br>Office | Windows<br>Explorer | Windows<br>System Tray | sonstige | PGP | GPG | LDAP-<br>Verzeichnissen | LDAP-<br>Sperrlisten | Microsoft<br>Crypto-API |
| AppTec                           | AppTec EMM   | •                             | •                       | •                 | •                   | •       | •      | •          |             |                 |       | •     | •            |         |                  | •              | •                    |                |                     |                     |                     |                        |          |     |     |                         |                      |                         |
| Certgate                         | cgPhone Online   | •                             |                         | •                 |                     |         |        |            |             |                 |       | •     | •            |         |                  |                |                      |                |                     |                     |                     |                        |          |     |     |                         |                      |                         |
|                                  | AirID  |                               |                         |                   | •                   | •       |        |            |             |                 |       | •     | •            |         |                  | •              |                      |                |                     | •                   |                     |                        |          |     |     |                         |                      | •                       |
| Infotecs                         | ViPNet Mobile Security   | •                             | •                       | •                 | •                   | •       |        |            |             | •               | •     | •     | •            | •       |                  |                |                      |                |                     |                     |                     |                        |          |     |     |                         |                      | •                       |
| McAfee Germany                   | McAfee File and Removable Media Protection & Drive Encryption          |                               | •                       |                   |                     | •       | •      | •          |             | •               | •     |       |              |         |                  |                |                      |                |                     | •                   | •                   |                        |          |     |     | •                       |                      |                         |
| MobileIron                       | MobileIron UEM Core / Cloud  | •                             |                         | •                 | •                   | •       | •      | •          |             | •               | •     | •     | •            |         | •                | •              | •                    | •              | •                   | •                   | •                   | •                      |          |     |     | •                       | •                    | •                       |
| Sophos                           | SafeGuard Enterprise Encryption 8/<br>Sophos Mobile Control Advanced 8 | •                             | •                       | •                 | •                   | •       | •      | •          |             | •               | •     | •     | •            |         | •                | •              | •                    | •              | •                   | •                   | •                   | •                      |          |     |     | •                       | •                    | •                       |
| Totemo                           | Totemomail   | •                             |                         | •                 | •                   |         |        |            |             | •               | •     | •     | •            | •       | •                | •              | •                    | •              | •                   |                     |                     |                        | •        | •   | •   | •                       | •                    | •                       |
| Virtual Solution                 | SecurePIM  | •                             |                         | •                 | •                   | •       | •      |            |             |                 |       | •     | •            |         |                  | •              | •                    |                |                     | •                   |                     |                        |          |     |     | •                       | •                    |                         |
|                                  | SERA Entwicklungs-Framework  | •                             |                         |                   | •                   | •       | •      | •          |             | •               | •     | •     | •            |         |                  |                |                      |                |                     |                     |                     |                        |          |     |     |                         |                      |                         |
| Rohde & Schwarz<br>Cybersecurity | R&S Trusted Mobile   | •                             |                         |                   | •                   | •       | •      | •          |             |                 |       | •     |              |         | •                |                |                      |                |                     |                     |                     |                        |          | •   |     | •                       | •                    |                         |

| zu         |                             |        |  | Storage-Verträglichkeit                                       | Funktionen        |            |                   |                    |                                     |  |                          |  |                               |                         |   |   |  |     | Algorithmen |     |          |   |                           |
|------------|-----------------------------|--------|--|---|-------------------|------------|-------------------|--------------------|-------------------------------------|--|--------------------------|--|-------------------------------|-------------------------|---|---|--|-----|-------------|-----|----------|---|---------------------------|
| Windows-CA | Content-Filtern (Konnektor) | S/MIME | Dateien im verschlüsselten Laufwerk/Ordner sind Teil eines Archivs | Dateien im verschlüsselten Laufwerk/Ordner sind Einzeldateien | Digitale Signatur | Eigene PKI | X.509-Zertifikate | Backup-Zertifikate | Zusätzliche Kompression für Dateien | Kostenloses Entschlüsselungs-Tool („Viewer“) | Algorithmen austauschbar | E-Mail-Verschlüsselung für mehrere Empfänger | Datentresor für Arbeitsgruppe | Key Escrow/Key Recovery | Verschlüsselung zentral/richtliniengestützt | Verschlüsselung durch einzelne Anwender | Workaround für Empfänger ohne Public Key | AES | 3DES        | RSA | Blowfish | sonstige  | max. Schlüssellänge (Bit) |
|            |                             | •      |  | •   |                   |            |                   |                    |                                     |  |                          |  |                               |                         |   |   |  | •   |             |     |          |   | 256                       |
|            |                             | •      |  |   | •                 |            |                   |                    |                                     |  |                          |  |                               |                         |   |   |  | •   |             |     | •        |   | 384                       |
|            |                             | •      |  |   | •                 |            |                   |                    |                                     |  |                          |  |                               |                         |   |   |  | •   |             |     |          |   | praktisch unbegrenzt      |
|            | •                           |        |  |   |                   |            |                   |                    | •                                   |  | •                        | •  |                               |                         |   |   |  | •   |             |     |          |   | 1024                      |
|            | •                           | •      |  | •   | •                 | •          | •                 | •                  |                                     | •  |                          |  | •                             | •                       | •   | •                                       | •  | •   |             |     |          | FIPS-konforme Algorithmen   | 256                       |
|            | •                           | •      |  | •   | •                 | •          | •                 | •                  |                                     | •  | •                        | •  | •                             | •                       | •   | •                                       | •  | •   | •           | •   | •        | ECC   |                           |
|            | •                           |        | •  | •   | •                 | •          | •                 |                    |                                     | •  |                          | •  | •                             | •                       | •   | •                                       | •  | •   |             | •   |          |   | 4096                      |
|            | •                           | •      | •  |   | •                 | •          | •                 | •                  | •                                   | •  | •                        | •  |                               | •                       | •   | •                                       | •  | •   | •           | •   | •        | Twofish, Cast5, AES192, AES256, IDEA, Safer-SK128, DSA, El Gamal, MDC2, SHA-256, SHA-512, RipeMD160, Tiger, Haval | unbegrenzt                |
|            |                             | •      |  | •   | •                 | •          | •                 | •                  |                                     |  | •                        | •  |                               | •                       | •   | •                                       |  | •   | •           | •   | •        |   | 4096                      |
|            |                             | •      |  | •   | •                 | •          | •                 | •                  |                                     |  | •                        | •  |                               | •                       | •   | •                                       |  | •   | •           | •   | •        | ECC   | 4096                      |
|            |                             | •      | •  | •   | •                 | •          | •                 |                    |                                     |  | •                        | •  |                               | •                       | •   | •                                       |  | •   | •           | •   | •        | ECC   |                           |

### Anbieterübersicht: Verschlüsselung für mobile Endgeräte

| Hersteller     | Website            | Produktname   | Preis für 1 - 25 User (€) |
|----------------|--------------------|---|---------------------------|
| AppTec         | www.apptec360.com  | AppTec EMM  | 19,00                     |
| Certgate       | www.certgate.com   | cgPhone Online  | 9,90/Monat/User           |
|                |                    | AirID   | 149,90                    |
| Infotecs       | www.infotecs.de    | ViPNet Mobile Security  | 50,00                     |
| McAfee Germany | www.mcafee.de      | McAfee File and Removable Media Protection & Drive Encryption | k. A.                     |
| MobileIron     | www.mobileiron.com | MobileIron UEM Core/Cloud                                     | k. A.                     |

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|-------------------------------|-------------------------------------|--|---------------------------|
| Sophos                        | www.sophos.de                       | SafeGuard Enterprise Encryption 8/Sophos Mobile Control Advanced 8 | k. A.                     |
| Totemo                        | www.totemo.com                      | Totemomail   | k. A.                     |
| Virtual Solution              | www.virtual-solution.com            | SecurePIM  | k. A.                     |
|                               |                                     | SERA Entwicklungs-Framework  | k. A.                     |
| Rohde & Schwarz Cybersecurity | www.cybersecurity.rohde-schwarz.com | R&S Trusted Mobile   | k. A.                     |