

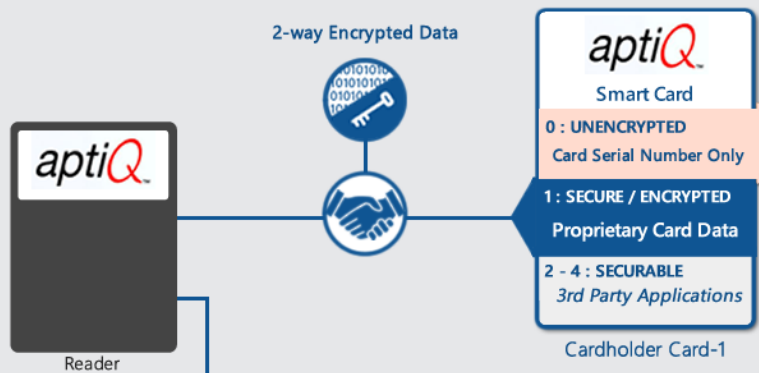
Galaxy Control Systems

APTIQ Proprietary Smartcard & Reader Compatibility

TERMS:

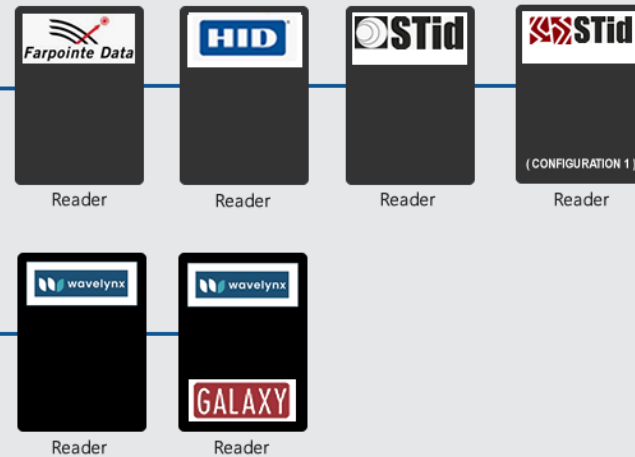
- Secure Sectors > MIFARE Cards
- Application Area > MIFARE DESfire
- CSN > Card Serial Number

APTIQ READER & PROPRIETARY SMARTCARD

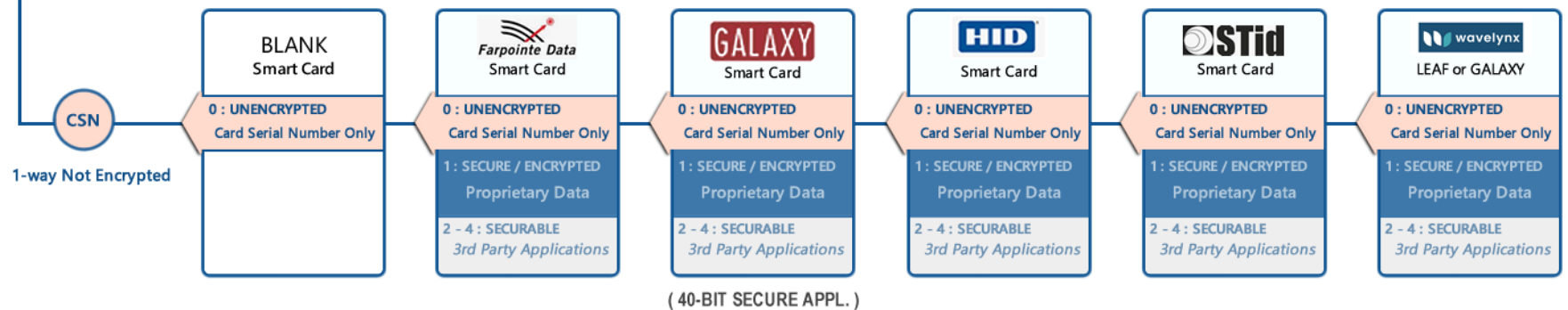


OTHER READER MANUFACTURERS *

1-way Not Encrypted



OTHER CARD MANUFACTURERS *



* System Recommendations

Mixing smartcards or readers from different manufacturers is not recommended when using secure encrypted data, since other brands only read the Card Serial Number (CSN).

All card/reader brands are the registered trademarks of their respective manufacturers.

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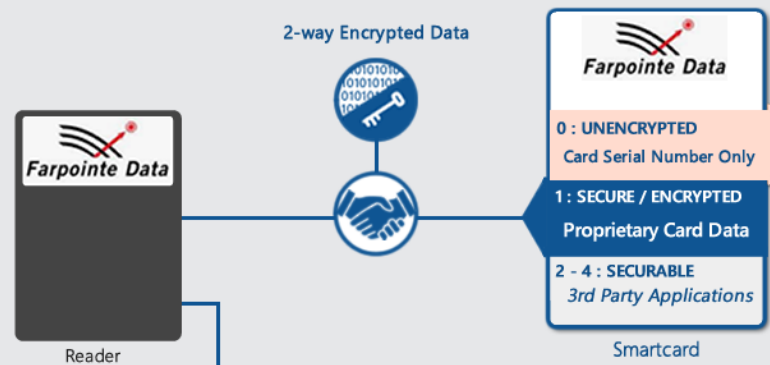
Galaxy Control Systems

Farpointe Proprietary Smartcard & Reader Compatibility

TERMS:

- Secure Sectors > MIFARE Cards
- Application Area > MIFARE DESfire
- CSN > Card Serial Number

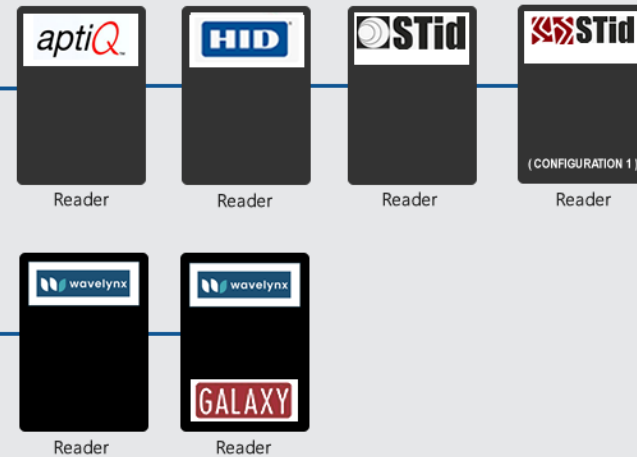
FARPOINTE READER & PROPRIETARY SMARTCARD



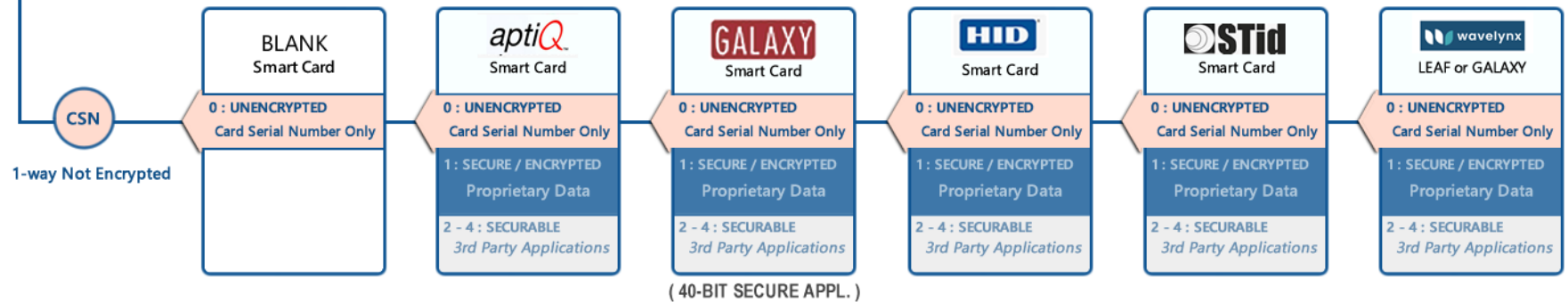
OTHER READER MANUFACTURERS *

1-way Not Encrypted

CSN



OTHER CARD MANUFACTURERS *



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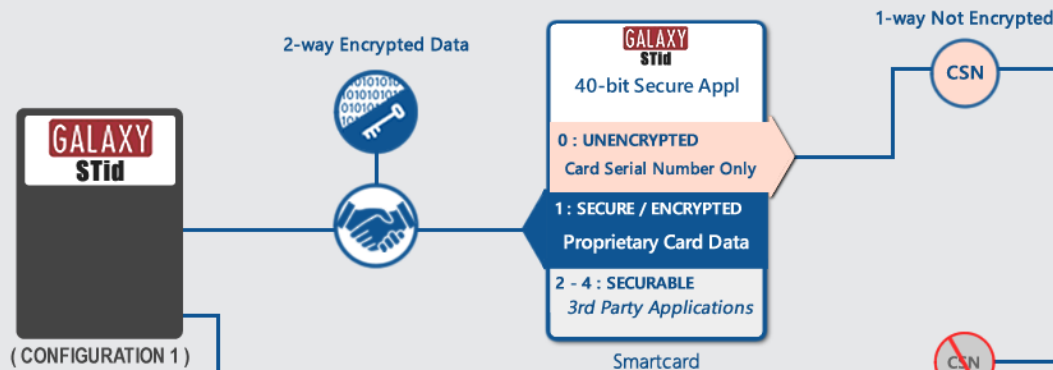
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Galaxy/STid Reader w/Configuration-1 & 40-bit Smartcard Compatibility

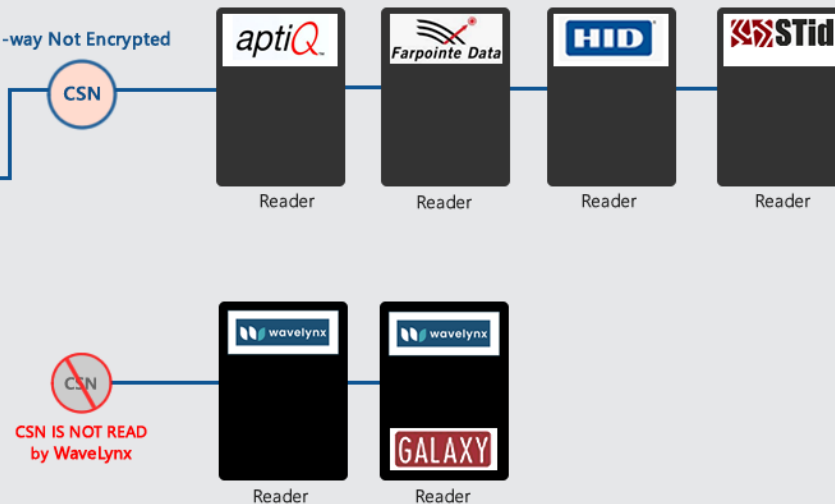
TERMS:

- Secure Sectors > MIFARE Cards
- Application Area > MIFARE DESfire
- CSN > Card Serial Number

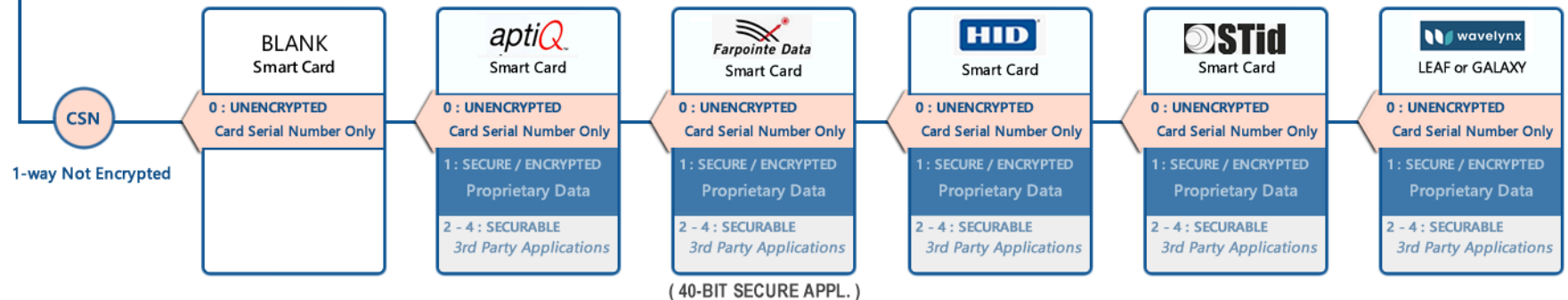
Galaxy/STid READER & PROPRIETARY SMARTCARD



OTHER READER MANUFACTURERS *



OTHER CARD MANUFACTURERS *



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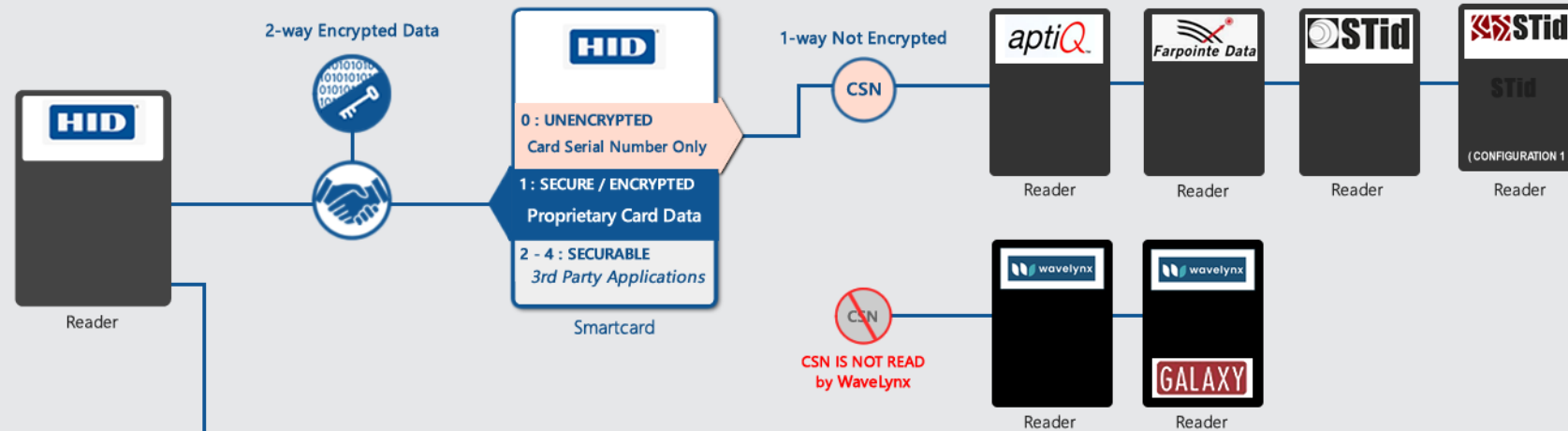
Galaxy Control Systems

HID Proprietary Smartcard & Reader Compatibility

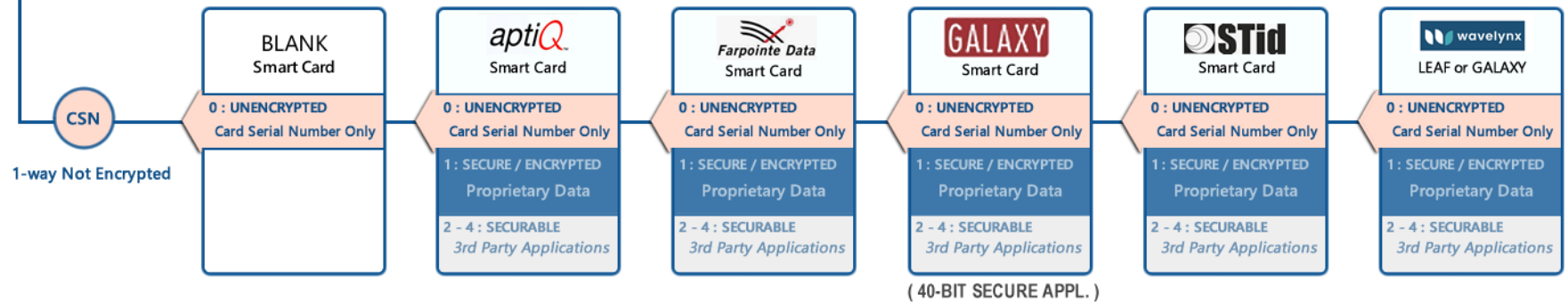
TERMS:

- Secure Sectors > MIFARE Cards
- Application Area > MIFARE DESfire
- CSN > Card Serial Number

HID READER & HID PROPRIETARY SMARTCARD



OTHER CARD MANUFACTURERS *



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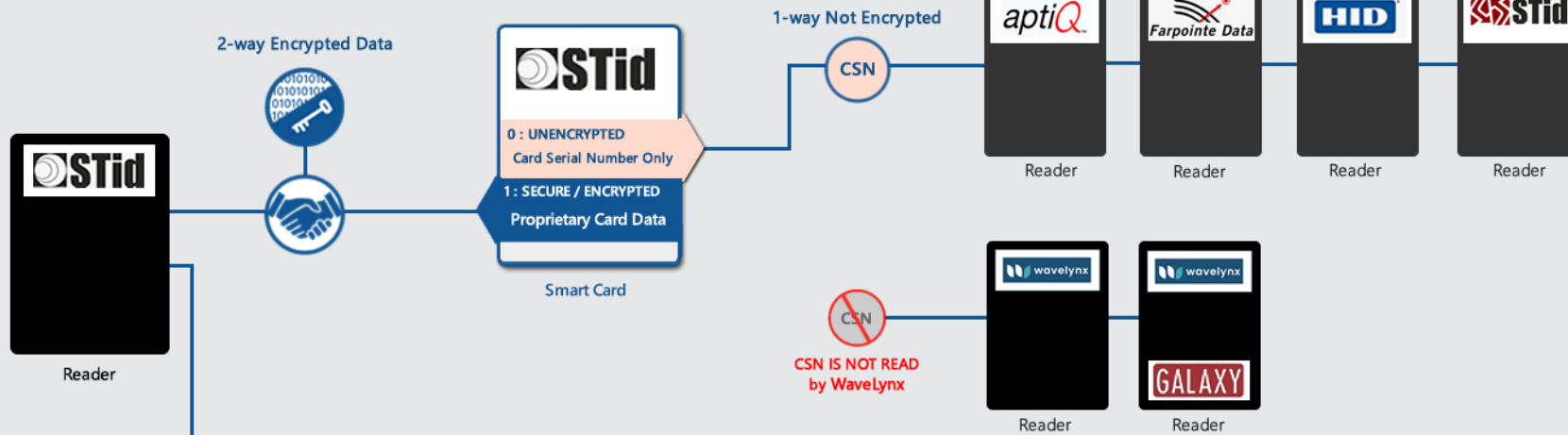
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STid Reader & Smartcard Compatibility

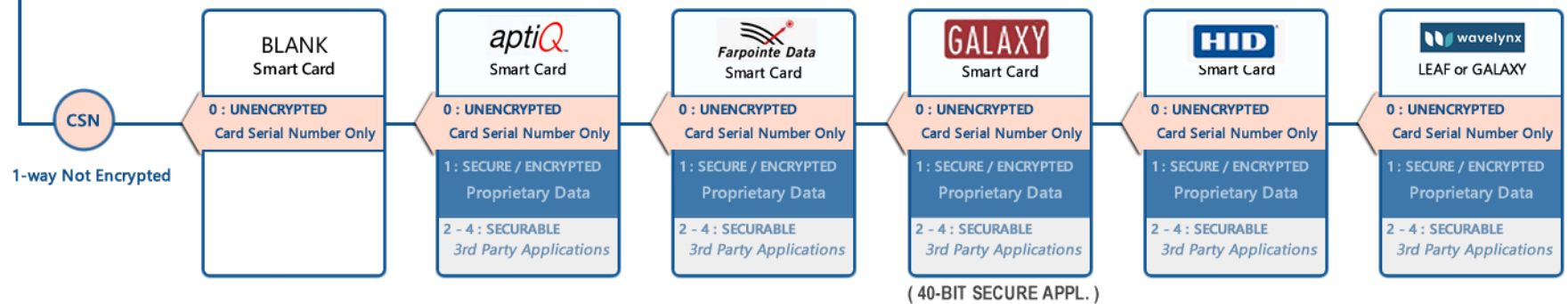
TERMS:

- Secure Sectors > MIFARE Cards
- Application Area > MIFARE DESfire
- CSN > Card Serial Number

STID READER & SMARTCARD SOLUTION



OTHER CARD MANUFACTURERS *



* System Recommendations

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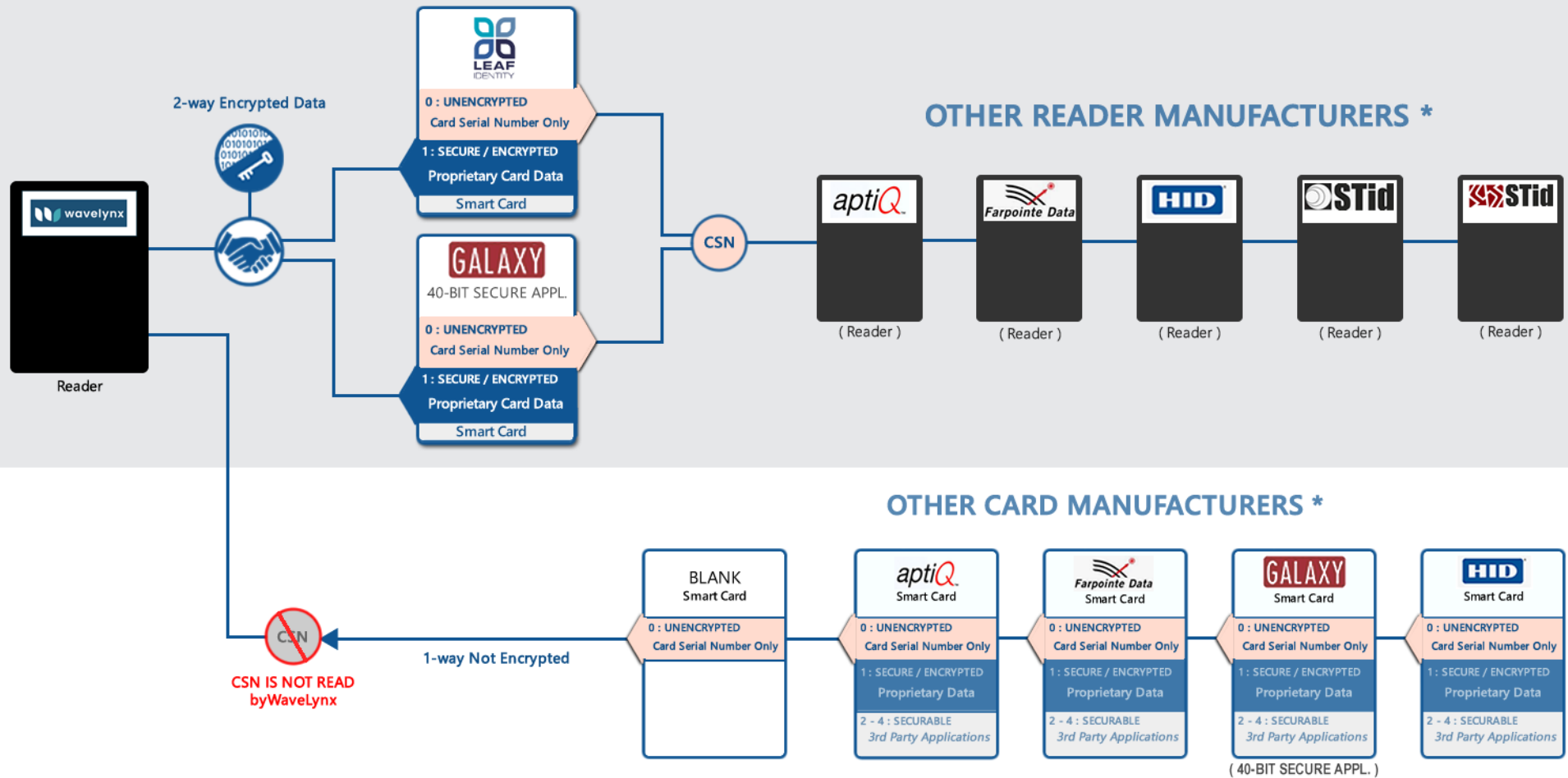
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WaveLynx Reader & Smartcard Compatibility

TERMS:

- Secure Sectors > MIFARE Cards
- Application Area > MIFARE DESfire
- CSN > Card Serial Number

WAVELYNX READER & SMARTCARD SOLUTIONS



* System Recommendations

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Proprietary Smartcard & Reader Compatibility Matrix

| SMARTCARDS | AptiQ Reader | Farpointe Reader | Galaxy/STid Reader — CONFIGURATION 1 — | HID Reader | STid Reader | WaveLynx Reader |
|-----------------------------------|-------------------------|-------------------------|---|-------------------------|-------------------------|---|
| AptiQ Card | Secure Encrypted | CSN (unencrypted) | CSN (unencrypted) | CSN (unencrypted) | CSN (unencrypted) | CARD CSN IS NOT READ |
| Farpointe Card | CSN (unencrypted) | Secure Encrypted | CSN (unencrypted) | CSN (unencrypted) | CSN (unencrypted) | CARD CSN IS NOT READ |
| Galaxy-STid Card 40bit | CSN (unencrypted) | CSN (unencrypted) | Secure Encrypted | CSN (unencrypted) | CSN (unencrypted) | CARD CSN IS NOT READ |
| HID Card | CSN (unencrypted) | CSN (unencrypted) | CSN (unencrypted) | Secure Encrypted | CSN (unencrypted) | CARD CSN IS NOT READ |
| STid Card | CSN (unencrypted) | CSN (unencrypted) | CSN (unencrypted) | CSN (unencrypted) | Secure Encrypted | CARD CSN IS NOT READ |
| WaveLynx Leaf Card | CSN (unencrypted) | CSN (unencrypted) | CSN (unencrypted) | CSN (unencrypted) | CSN (unencrypted) | WaveLynx Secure Sector (encrypted) |
| WaveLynx Galaxy Card 40bit | CSN (unencrypted) | CSN (unencrypted) | CSN (unencrypted) | CSN (unencrypted) | CSN (unencrypted) | Galaxy Secure Sector (encrypted) |

IMPORTANT: Mixing smartcards or readers from different manufacturers is not recommended when using secure encrypted data, because other brands only read the Card Serial Number (CSN).