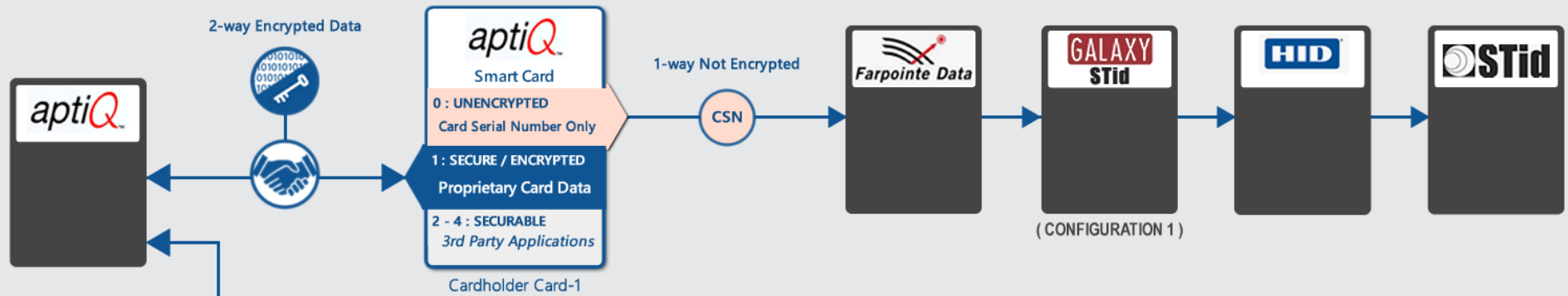


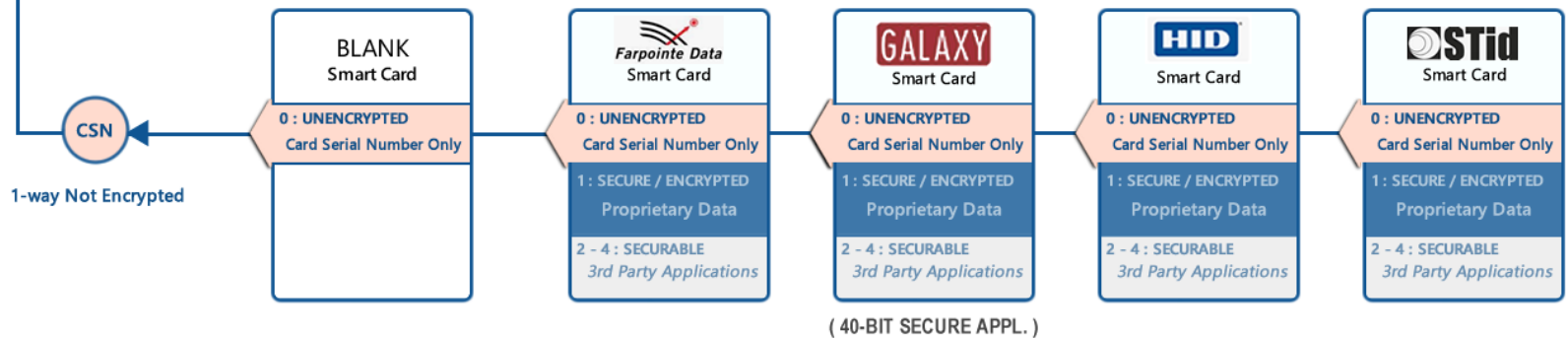
Galaxy Control Systems APTIQ Proprietary Smartcard & Reader Compatibility

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

APTIQ READER & PROPRIETARY SMARTCARD



OTHER 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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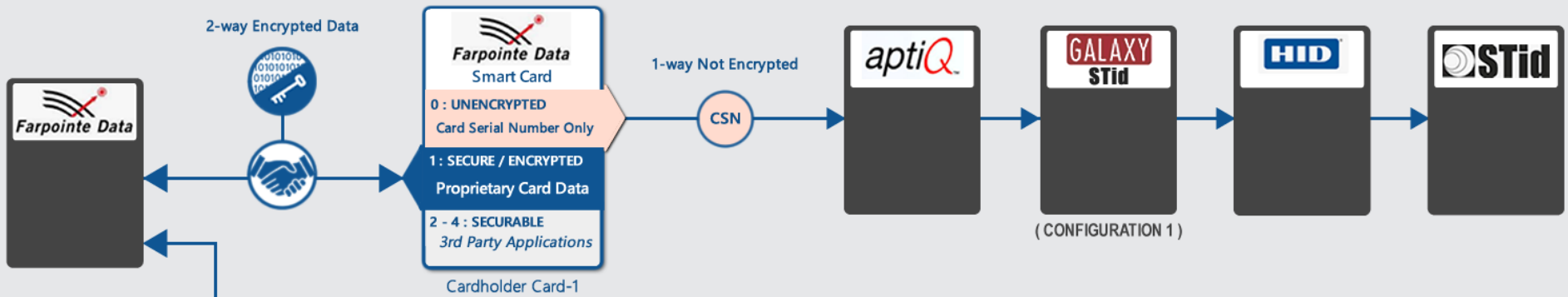
Galaxy Control Systems

Farpointe Proprietary Smartcard & Reader Compatibility

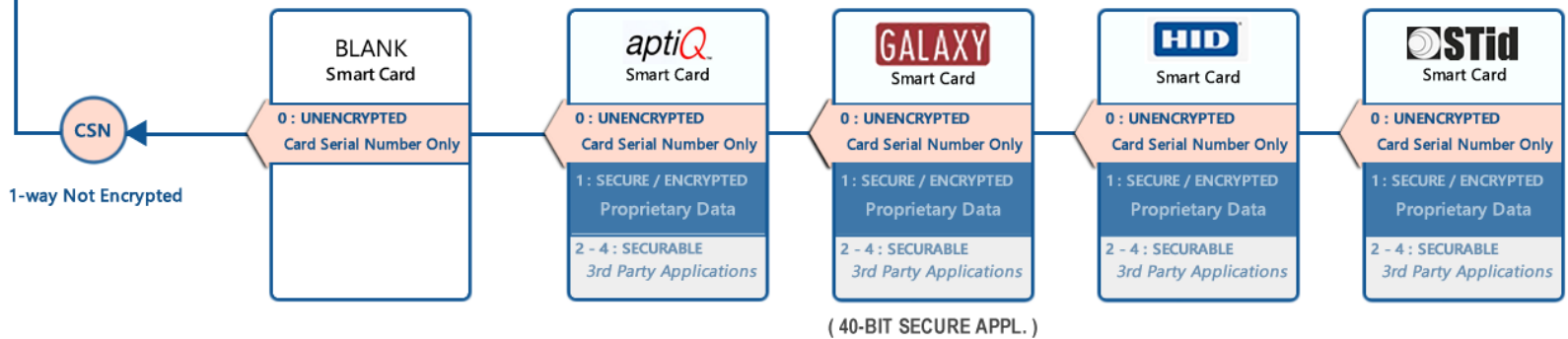
- TERMS:**
- Secure Sectors > MIFARE Cards
 - Application Area > MIFARE DESfire
 - CSN > Card Serial Number

FARPOINTE READER & PROPRIETARY SMARTCARD

OTHER READER MANUFACTURERS *



OTHER CARD MANUFACTURERS *



* System Recommendations

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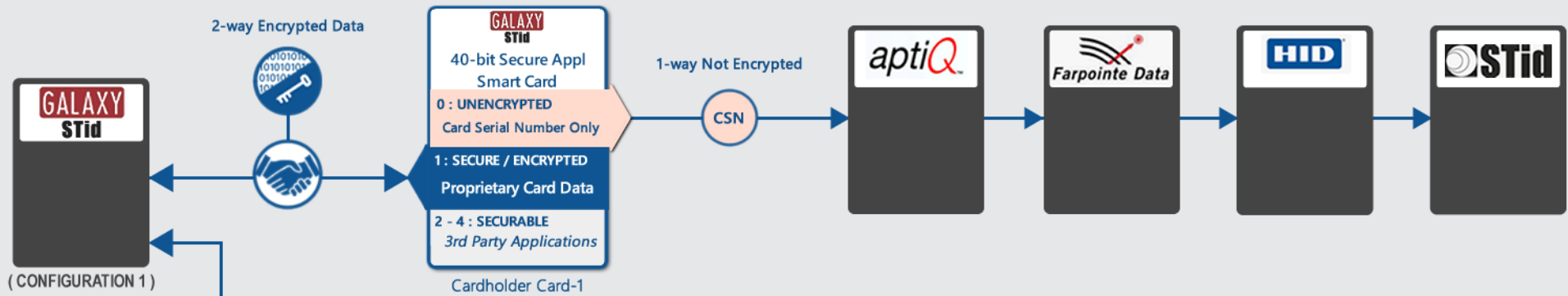
Galaxy Control Systems

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

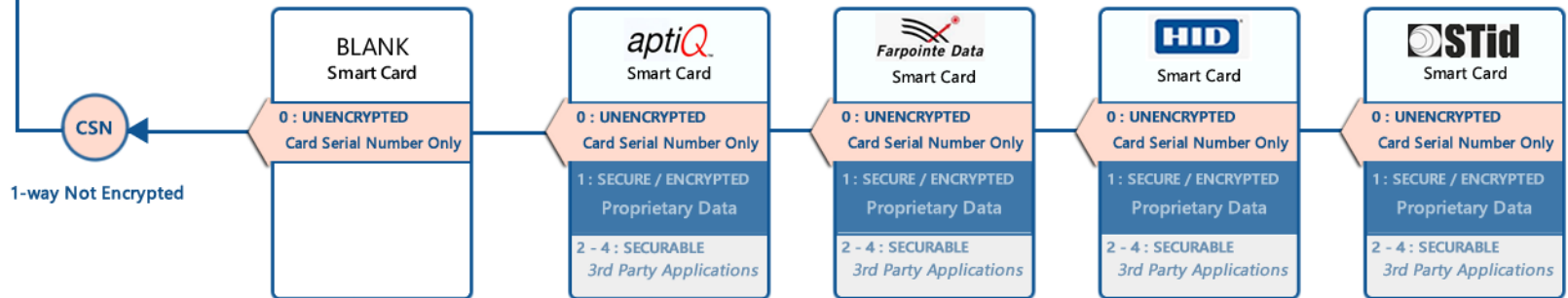
TERMS:

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

Galaxy/STid READER & PROPRIETARY SMARTCARD



OTHER 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).

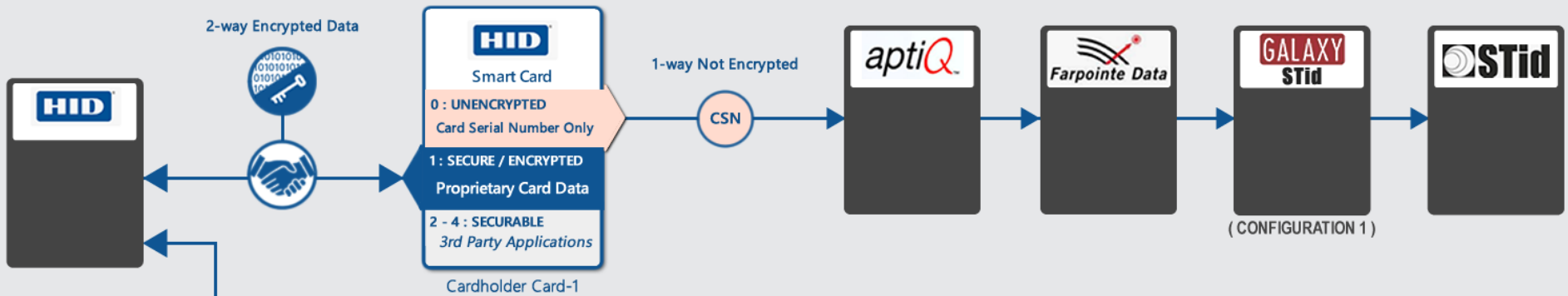
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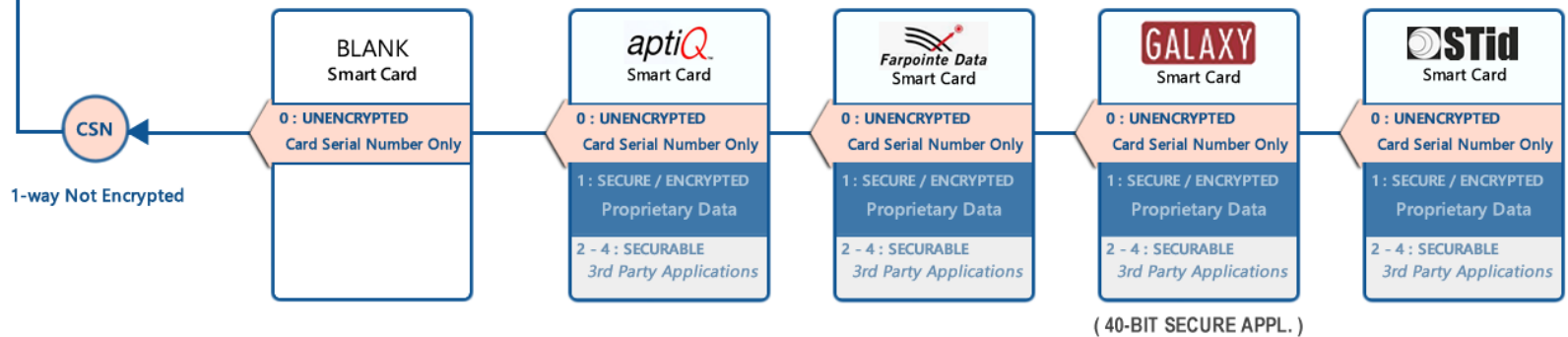
Galaxy Control Systems HID Proprietary Smartcard & Reader Compatibility

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

HID READER & HID PROPRIETARY SMARTCARD



OTHER CARD MANUFACTURERS *



* 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).

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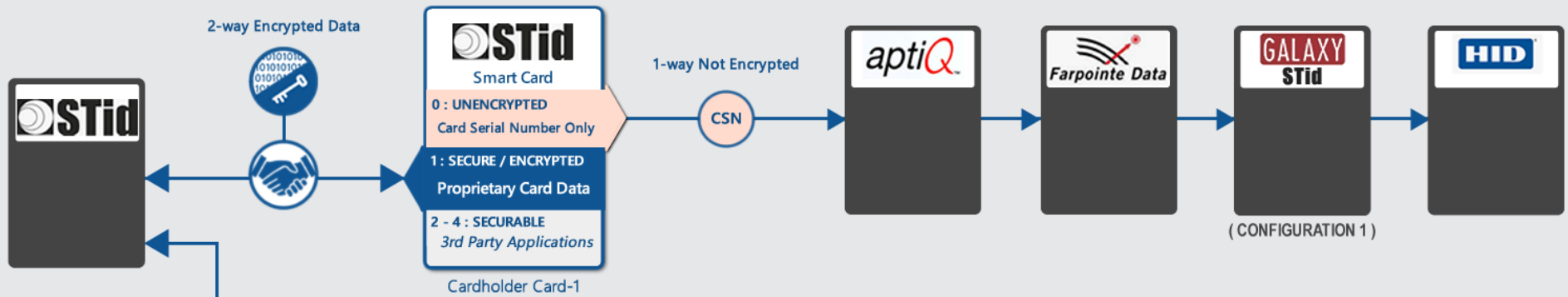


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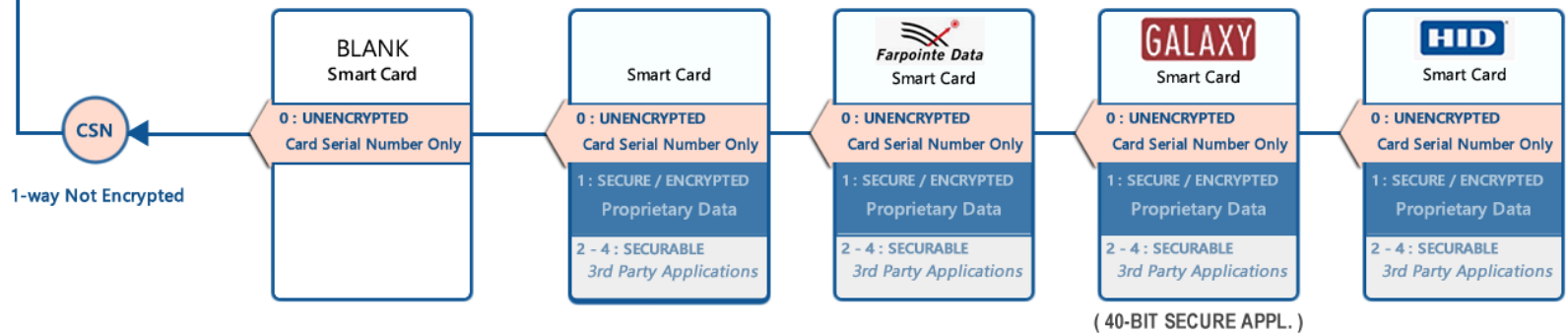
Galaxy Control Systems STID Smartcard & Reader Compatibility

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

STid READER & PROPRIETARY SMARTCARD



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).

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Proprietary Smartcard & Reader Compatibility Matrix

SMARTCARDS	AptiQ Reader	Farpointe Reader	Galaxy/STid Reader — CONFIGURATION 1 —	HID Reader	STid Reader
AptiQ smartcard	Secure Encrypted Data	CSN (unencrypted)	CSN (unencrypted)	CSN (unencrypted)	CSN (unencrypted)
Farpointe smartcard	CSN (unencrypted)	Secure Encrypted Data	CSN (unencrypted)	CSN (unencrypted)	CSN (unencrypted)
Galaxy/STid smartcard 40bit	CSN (unencrypted)	CSN (unencrypted)	Secure Encrypted Data	CSN (unencrypted)	CSN (unencrypted)
HID smartcard	CSN (unencrypted)	CSN (unencrypted)	CSN (unencrypted)	Secure Encrypted Data	CSN (unencrypted)
STid smartcard	CSN (unencrypted)	CSN (unencrypted)	CSN (unencrypted)	CSN (unencrypted)	Secure Encrypted Data

* 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).