Credential Compatibility Matrix

	Credential Type	Output from WaveLynx Readers	Variations
1	AWID® 125kHz Proximity (FSK)	Proprietary AWID format can be read by WaveLynx readers with firmware V2.4.0 and later	
2	125kHz Proximity (FSK)	Reads all formats up to 37 bit	IsoProx™, DuoProx™, Proxkey™ III Fobs, Proxcard™ II Clamshell, Microprox™ Tag
3	Casi-Rusco® (GE-PP) 125kHz Proximity (ASK)	Reads all Casi® 40 bit proximity cards	Proxlite™
4	125kHz Proximity (PSK)	Not able to read	
5	Dual-Tech Proximity + iClass®	With CSNs (Card Serial Number) turned off readers will read the proximity badge number only. If CSNs are turned "on" the reader will report both the proximity badge number and the CSN to the access system. The CSN is most likely NOT one of the authorized badge numbers and will result in a "Card Reject" or "Access Denied" alarm in the system	
6	Dual-Tech Proximity + DESFire LEAF	With the use of a Prox Filter (P) as part of the reader configuration, the reader will read only the secure DESFire data.	50d4, 50d8
7	iClass® 13.56MHz	Reads CSN as a 64 bit unencrypted badge ID	
8	iClass Seos™ 13.56MHz	Cannot read encrypted badge or CSN	
9	FIPS-201	The WaveLynx ETX-2PS and ETX-3PS can read the contactless chip on a FIPS-201 credential	PIV, CIV, TWIC, OSDP™ Extended Packet Mode

Credential Compatibility Matrix

	Credential Type	Output from WaveLynx Readers	Variations
11	Mifare® Classic 13.56 MHz	Reads CSN as a 32 bit unencrypted badge ID	Can read secure data when file structure and encryption keys are provided - this results in engineering project that will have to be justified
12	Mifare® DESFire® EV1 13.56MHz LEAF	Reads CSN as 56 bit unencrypted badge ID	Can read secure data if file structure is aligned with NEX PACS (NXP Document note 10957) and encryption keys provided
13	Mifare® DESFire® EV2 13.56MHz LEAF	Reads secure data as long as encryption keys are WaveLynx or provided by customer	Can read CSN from other DESFire® EV2 cards that are NOT LEAF file structure as a 56 bit unencrypted badge number
14	Mifare® DESFire® EV3 13.56MHz	Reads secure data as long as encryption keys are WaveLynx or provided by customer	Can read CSN from other DESFire® EV3 cards that are NOT LEAF file structure as a 56 bit unencrypted badge number

Credential Compatibility Matrix

	Mobile Credential Applications		
1	ACTiD	32 bit format all badge ID - encrypted with WaveLynx common encryption key	WaveLynx brand uses BLE on iOS and NFC on Android
2	Alloy Access	32 bit format all badge ID - encrypted with WaveLynx common encryption key	Wavelynx brand, Alloy Access
3	Atrium	Custom formats configured for end users	WaveLynx brand uses NFC in the Apple Wallet
4	Brivo Mobile Pass®	Proprietary Brivo credential output	Brivo brand
5	Feenics Mobile	32 bit format all badge ID - encrypted with WaveLynx common encryption key	WaveLynx brand uses BLE on iOS and NFC on Android
6	MyPass Mobile	32 bit format all badge ID - encrypted with WaveLynx common encryption key	WaveLynx brand uses BLE on iOS and NFC on Android
7	RealPage Community Connect®	32 bit format all badge ID - encrypted with WaveLynx common encryption key	WaveLynx brand
8	Safetrust	No longer supported	WaveLynx brand, modified by Safetrust
9	Splan	32 bit format all badge ID - encrypted with WaveLynx common encryption key	WaveLynx brand uses BLE on iOS and NFC on Android
10	Symmetry Blue	32 bit App generated badge ID	Symmetry brand
11	Symmetry Mobile	Custom formats configured for end users	Symmetry brand
12	TruU®	Custom formats configured for end users	WaveLynx brand, modified by TruU® App for custom encryption
13	Zerv Mobile	Whatever the App broadcasts - generally the existing card format and badge ID for card holders	Zerv brand, Quadreal brand uses BLE on all platforms