Input Credential Information - Multi Technology Credentials

ASSA ABLOY ACCENTRA™ card and fob credentials are supplied with dual Seos-based technologies, including both an offline data model and an online Physical Access Control System (PACS) component. One credential can be used in the ASSA ABLOY ACCENTRA Multi-Family Management System as well as a third party PACS system that is capable of reading HID High Frequency SE technology credentials.

See below for card and fob visual markings to determine credential ID number.

Ignore   Credential ID   Ignore   Ignore   Ignore   Credential ID   Ignore

6, **68319** 47419 111019749153   6, **68319** 11101974915-3

Card Seos+Prox Format   **Card & Fob Seos Only Format**

See below data format for ASSA ABLOY ACCENTRA Multi-Family U1000.
Online PACS Format: U100018, 56-Bit, Site Code 20

56	55	54	53	52	51	50	49	48	47	46	45	44	43	42	41	40	39	38	37	36	35	34	33	32	31	30	29	28	27	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1
P	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	P
P	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X																																			
																				X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	P

FIELD NAME A: COMPANY (SITE) CODE = 0-999999
FIELD NAME B: CARD ID NUMBER = 0-9999999999

Bit 56 is Parity Bit, Even

Bit 36-55 is Company ID (valid range 0-999999)

Bit 2-35 is Credential Number (valid range 0-9999999999)

Bit 1 is Parity Bit, Odd

Vehicle credentials do not use the Seos/PACS data format shown above. For vehicle credentials, enter the digits on the credential labeled "DEC:". Ignore all other number groups.
Vehicle credentials are only used with Control ID long range readers.

HEX: 000BBF
DEC: 3007
WG: 000,03007

Vehicle Credential

	Mobile credentials	Key fob with Seos®	Key card with Seos®	Key card with Seos® and custom graphics	Key card with Seos® and Prox
Part Number		NTX600-ACCFOB-8K	NTX600-ACCCRD-8K	NTX600-CUSCRD-8K	NTX600-ACCPRX-8K
Technology					
Seos Offline	X	X	X	X	X
Seos Online PACS		X	X	X	X
Prox					X
Dimensions		1.25" x 1.56" x .24" (3.175 x 3.96 x .6 cm)	2.127" x 3.375" x 0.033" max (5.40 x 8.57 x 0.084 cm)		
Online Formatting		Online PACS Format: U100018, 56 Bit, Site code 20			
Operating Frequency	2.4 GHz	13.56 MHz with ISO/IEC 14443 Type A			
Construction		Composite with 60% PVC / 40% PET			
Operating Temperature		-40° to 158° F (-40° to 70° C)			
Weight		0.20 oz (5.5g)			
Memory Size/Application Areas		iCLASS Seos 8K secure processor			
Privacy Mode		Privacy-preserving mode (with encryption of device identifiers)			
Secure Messaging		EN 14890-1 and 7816 aligned using AES algorithm			
Mutual Authentication Mechanism		Based on ISO/IEC 24727-3 2008 with NIST SP800-56A (for session key derivation)			
Write Endurance		Minimum 500,000 cycles			
Contact Smart Chip Embeddable		Yes			
Printable		Yes, for cards only (white/white card)			
		Usable with direct imaging and thermal transfer printers (from HID or other suppliers)			
		Exclusion areas for printing may apply in some areas of the card plastic			
		Customized cards are available through HID Identity on demand			
Warranty		Lifetime, see complete warranty policy for details			
Connection Methods	iOS: BLE, Android: NFC and BLE				