

OSS Standard Offline compatibility questionnaire for Electronic Locking System (ELS) (Version B1)

Product Name: SEA-OSS

Product Version: FW 102

Manufacturer: SEA Schliess-Systeme AG (https://www.sea.ch/de-site-systeme-sea_oss)

	Yes	No	Number	Comment
General features and dimensions				
Support of OSO for LEGIC advant	X			
Maximum supported size of segment			4096	Benchmark: 400 ... 4096
Credential version			1,2	
Support of OSO for LEGIC neon		X		
Maximum supported size total of all neon files				
Credential version				
Support of OSO for MIFARE DESFire	X			
Maximum supported size total of all data files			4096	
Credential version			1,2	
Support of OSO for MIFARE Classic		X		
Maximum supported size total of all "data files"				
Credential version				
Associated tool: Supports XML interface, if yes, which version?	X		2.0	
Associated tool: Supports webservice, if yes, which version?		X		
Support of customer extension feature VALIDITY START – TAG '01'		X		
Support of customer extension feature ADDITIONAL ACCESS TYPES – TAG '02'		X		
The ELS is compliant to document set (publication date)			2021-06	
Battery /Batterystatus				
Checking of Battery status in ELS	X			
Clock/Time				
ELS has a RealTime Clock (RTC)	X			
Support of Daylight Saving	X			
Number of Daylight Saving stored in ELS			infinite	automatic calculated
Function				
Support of OSS Intervention Media	X			
Support of 10 bytes CardID	X			
Check of validity	X			
Support of Site ID	X			
Max value of ELS Site ID			65535	
Check of Door IDs and Door Groups	X			
Number of Door Groups stored in ELS			1088	
Range of Door Group IDs stored in ELS			1...65535	
Number of Doors stored in ELS			1	
Range of Door IDs stored in ELS			1...65535	

Support of permanent open toggle function	X	
Support of time profile controlled open toggle function (unlock time)	X	
Check of DTS	X	
Support midnight crossing	X	
Max time of unlocking		1...90 sec
Support of extended unlocking time	X	
Max time of extended unlocking time		1...90 sec

Signalisation

Optical signalisation of authorization status	X
Acoustical signalisation of authorization status	X

Events

Create and write OSS compatible events to card	X	
Check of checking of OSS event config	X	
Create and write event: Low Battery	X	
Create and write event: Battery replaced	X	
Create and write event: Lock jammed	X	
Create and write event: System Event	X	
Create and write event: Internal error		X
Create and write event: Failed to unlock		X
Create and write event: Tampering detected		X
Create and write event: Blacklist card detected	X	
Create and write event: Blacklist full	X	
Create and write event: All Access granted - Events	X	
Create and write event: All Access denied - Events	X	
Create and write event: Check sum error detected on card data.		X

Blacklist

Support for blacklisting	X	
The lock shall be capable of storing at least 16 blacklist entries	X	128
The ELS can delete blacklist entries by reading entries with expiry time in the past.	X	

Customer extension

Support of customer extension feature VALIDITY START – TAG '01'		X
Support of customer extension feature ADDITIONAL ACCESS TYPES – TAG '02'		X

General

[If something is missing from your point of view, please inform the OSS Association on oss-association.com/kontakt/](https://oss-association.com/kontakt/)