

OSS Standard Offline compatibility questionnaire for Electronic Locking System (ELS) (1

Product Name: Aperio V3 platform

Product Version: 3.20 firmware version

Manufacturer: ASSA ABLOY

General features and dimensions

Support of OSO for LEGIC advant

- Maximum supported size of segment

- Credential version

Support of OSO for LEGIC neon

- Maximum supported size total of all neon files

- Credential version

Support of OSO for MIFARE DESFire

- Maximum supported size total of all data files

- Credential version

Support of OSO for MIFARE Classic

- Maximum supported size total of all "data files"

- Credential version

Associated tool: Supports XML interface, if yes, which version?

Associated tool: Supports webservice, if yes, which version?

Support of customer extension feature VALIDITY START – TAG '01'

Support of customer extension feature ADDITIONAL ACCESS TYPES – TAG '02'

The ELS is compliant to document set (publication date)

Battery /Batterystatus

Checking of Battery status in ELS

Clock/Time

ELS has a RealTime Clock (RTC)

Support of Daylight Saving

Number of Daylight Saving stored in ELS

Function

Support of OSS Intervention Media

Support of 10 bytes CardID

Check of validity

Support of Site ID

Max value of ELS Site ID

Check of Door IDs and Door Groups

Number of Door Groups stored in ELS

Range of Door Group IDs stored in ELS

Number of Doors stored in ELS

Range of Door IDs stored in ELS

Support of permanent open toggle function

Support of time profile controlled open toggle function (unlock time)

Check of DLS

Support midnight crossing

Max time of unlocking
Support of extended unlocking time
Max time of extended unlocking time

Signalisation

Optical signalisation of authorization status
Acoustical signalisation of authorization status

Events

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

Blacklist

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




Customer extension

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

General

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

Version B1)

Yes	No	Number
		
X		400 1.1
	X	
	X	
	X	
X		8k 1.1
X		4k 1.1
X		1.1
X	X	
X	X	
		
X		
		
X		
X		
X		
X		
X		4294967295
X		1024 1-1024 1024 1-65536
X		
X		
X		
X		

65000 ms

X

65536 ms



X

X



X

X

X

X

X

X

X

X

X

X

X

X

X

X



X

X

255

X



X

X



[takt/](#)

Comment



~16k lock groups for 8k sized credential

5088 lock groups for 4k sized credential

OSS 1.1 is supported



ELS support 4 bytes (OSS spec: 2 bytes)

DLS Created at configuration with PAP, no specific check in ELS



For MIFARE Classic only



OSS 1.2

