L0 and L1 Differences

Definitions:

L0: Level 0 Security

L1: Level 1 Security

Host machine: The Mobile /PC/Laptop on which the biometric scanner is connected

Whitelisting: The process to enter the biometric device detail in the Device provider's Management

server.

Registration: The process by which the UIDAI server identify the biometric device.

RD service: A software service used to capture the biometric data from the biometric device, and return it to the business application.

Functional Difference between L0 and L1:

Parameters	Level L0	Level L1
Security level	The biometric data captured from the	The biometric data captured from the
	device is encrypted on the host	device is encrypted inside the biometric
	machine (Low security)	device itself. (High security)
Device feature	Allow to capture the biometric data as	Allow to capture and encrypt the
	per the L0 Security specification by	biometric data as per the L1 Security
	UIDAI.	specification by UIDAI.
RD service	Capture the biometric data and encrypt	Capture the encrypted biometric data as
	as per the L0 Security specification by	per the L1 Security specification by
	UIDAI.	UIDAI
	Feature:	Feature:
	 RD service status 	RD service status
	 Device info 	Device info
	• Capture	 Capture
Idemia Biometric	MSO1300E, MSO1300E2,	MSO1300E3 RD
Device Models	MSO1300E3	
(Certified by UIDAI &		
STQC)		
Device Management	https://rdm.smartbioplus.com	https://prod.rdms.co.in/
server URL		
Device whitelisting	Required	Required
Device registration	Required	Required
RD service renewal	Required	Required
Supported platforms	Windows, Android, POS	Windows, Android

Visible Differences:

For the L0 Devices, the device model written on the back side of the device will be , $MSO1300\ E3$, or $MSO1300\ E2$, or $MSO1300\ E$.

For the L1 device, the device model written on the back side of the device will be, **MSO1300E3 RD**, also for the latest L1 Devices, **RDL1** may be written at the bottom on the sticker.

L0 Device



L1 Device

