




Matrix COSEC Comparison			
Features	Matrix COSEC VEGA FAX	SOYAL AR 821 (EF-V5)	Matrix COSEC PATH DCFX
Product Photograph			
Credential Support	Fingerprint, RFID Card, PIN	Fingerprint, RFID Card	Fingerprint, RFID Card
Fingerprint Templates	9600 (1:N mode), 100000 (1:1 mode)	9000 (4500-9000 users)	9600
Sensor	Suprema	INA	Suprema
Card Type Support	Proximity (EM Prox), Smart card (Mifare/NFC and HID iCLASS)	EM Standard, ISO 14443A, DESFIRE, PSAM, NFC	Proximity (EM /HID), Smart card (Mifare/NFC and HID iCLASS)
Cards Per User	Upto 2	INA	Upto 2
User Capacity	50,000	16,000	10,000
Display	3.5" TFT Display with Touchscreen	128x64 Dot LCD Panel	No
Keypad	Touch Screen	Rubber	No
Buzzer	Yes	Yes	Yes
Events Buffer	5,00,000	32,000	50,000
Wi-Fi	Yes	INA	No
USB	1 Port (Data Transfer and Wireless Connectivity)	INA	No
Connectivity	Ethernet, Wi-Fi and Mobile Broadband (2G, 3G, GPRS)	Ethernet and RS-485	Ethernet and RS-485
IP65 (Weather Proof)	Yes	INA	Yes
PoE (Power over Ethernet)	Yes	INA	Yes
Exit Switch Port	Yes	Limit Switch	Yes
Reader Interface Types	RS 232, and Wiegand IN/OUT	1 WG Port	Yes
Data Auto-Push	Yes	INA	Yes
Battery Backup	No Internal battery backup, External Through Power Supply Battery Back Backup (PSBB) and VEGA Battery Backup Unit (BBU)	INA	No Internal battery backup, External Through Power Supply Battery Back Backup (PSBB)
Anti Pass Back	Global and Local	Yes	Global and Local
Power to Door Lock	from Door Controller	INA	From Device
Power to Exit Reader	from Door Controller	INA	From Device
Identification Time	Less than 1 Sec	INA	Less than 1 Sec
Input Power	12VDC@2A	10-24VDC	12V DC, 2A
Tamper Detection	Yes	INA	Yes
Dimensions (WxDxH) (mm)	90x180x37	144x102 x132	50x160x42
Operating Humidity	5 % to 95% RH Non-Condensing	INA	5 % to 95% RH Non-Condensing
Weight (g)	400	Optical Sensor (DO): 470±10 Capacitive Sensor (MT) : 420±10	225

*INA=Information Not Available

* Above comparison is true to our knowledge and information received from the competition. Due to continuous technology upgradations, product features are subject to change.

Matrix COSEC USPs
Auto Push Technology
Automatic Fingerprint Distribution
Automatic SMS/Email Realtime Notifications
Scheduler Service for back up and reports
Automatic device identification
IP based Architecture
Scalable upto 65,000 Door Controllers and 1 million Users
Centralized Real-time Data Management
Completely Web based Application Software
Multiple Credentials Supported <i>Palm Vein, Fingerprint, RFID Card, Pin</i>
Seamless Integrated Solution- 3rd Party Hardware & Software Integration
Customized Reports & Chart Generation (around 200+)