

FREQUENTLY ASKED QUESTIONS

COSEC

What
When
Which
Where
How
Who
Why



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How to configure API Using Device API?

API: API (Application Programming Interface) is implemented by an application which allows other applications to communicate with it.

Matrix COSEC supports:

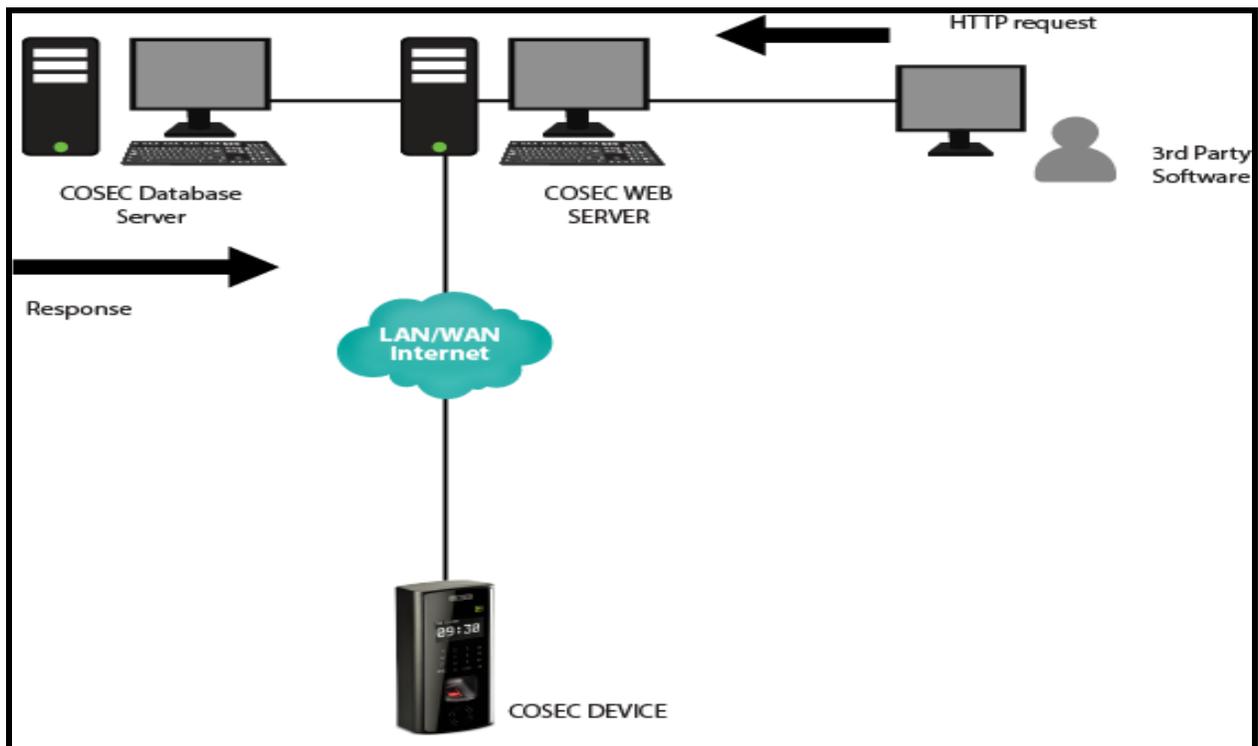
- Web API
- Device API

Web API:

- COSEC Web API is an interface that interacts with client application, enabling them to invoke or push data from or to the database.

Prerequisites for Web API:

- COSEC Device
- COSEC Database
- COSEC Platform

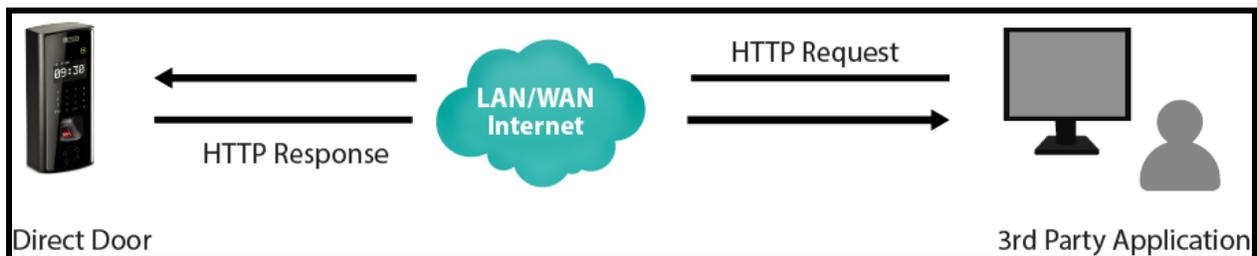


DEVICE API:

- Device API enables client to access and monitor COSEC device directly, without installing COSEC Monitor or COSEC Server
- Using This API, third party can send http request to device, then device execute and process request and return appropriate response

Prerequisites for Web API:

- COSEC Device



Supported Devices for COSEC API:

- COSEC Direct Door V2
- COSEC Path Controller
- COSEC Wireless Door
- COSEC NGT Door
- COSEC PVR Door

Sample API (To run on Browser):

Device Configuration:

- <http://192.168.51.219/device.cgi/device-basic-config?action=set&app=2&name=DEVICEAPI&Max-fingers=5>
- <http://192.168.51.219/device.cgi/reader-config?action=set&reader1=1&reader2=1&reader3=8&door-access-mode=6>

User Configuration:

- <http://192.168.51.219/device.cgi/users?action=set&user-id=6677&ref-user-id=6677&name=Sagar&user-active=1>

- <http://192.168.51.219/device.cgi/users?action=get&User-ID=6677&format=xml>

Enrollment Configuration:

- <http://192.168.51.219/device.cgi/enroll-options?action=set&enroll-on-device=1&enroll-using=0>
- <http://192.168.51.219/device.cgi/special-function?action=set&Sp-fn-Index=11&enable=1>

User Enrollment:

- <http://192.168.51.219/device.cgi/enrolluser?action=enroll&type=2&user-id=6677>
- <http://192.168.51.219/device.cgi/command?action=getcount&User-ID=6677&finger-count&format=xml>

Retrieving of Events:

- Retrieving Events by sending Http request to device and device will response in xml or text format.
- <http://192.168.51.219/device.cgi/command?action=geteventcount&format=xml>
- <http://192.168.51.219/device.cgi/events?action=getevent&roll-over-count=0&seq-number=60&no-of-events=3>

GET USER COUNT:

- <http://192.168.51.219/device.cgi/command?action=getusercount&format=xml>

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