

Matrix Technical Support Mailer-9

Push Technology Adopted in Matrix COSEC V3

Dear Friends,

This technical mailer will help you in understanding the Push technology adopted in Matrix COSEC V3 which is contrary to the Pull technology which was used in the earlier COSEC Versions (V1 and V2).

In Push technology client (COSEC Door or Panel) sends login request after each 10 seconds to the Server. Thus communication is initiated by the client itself.

Hence one advantage is that polling overhead to the server is reduced greatly.

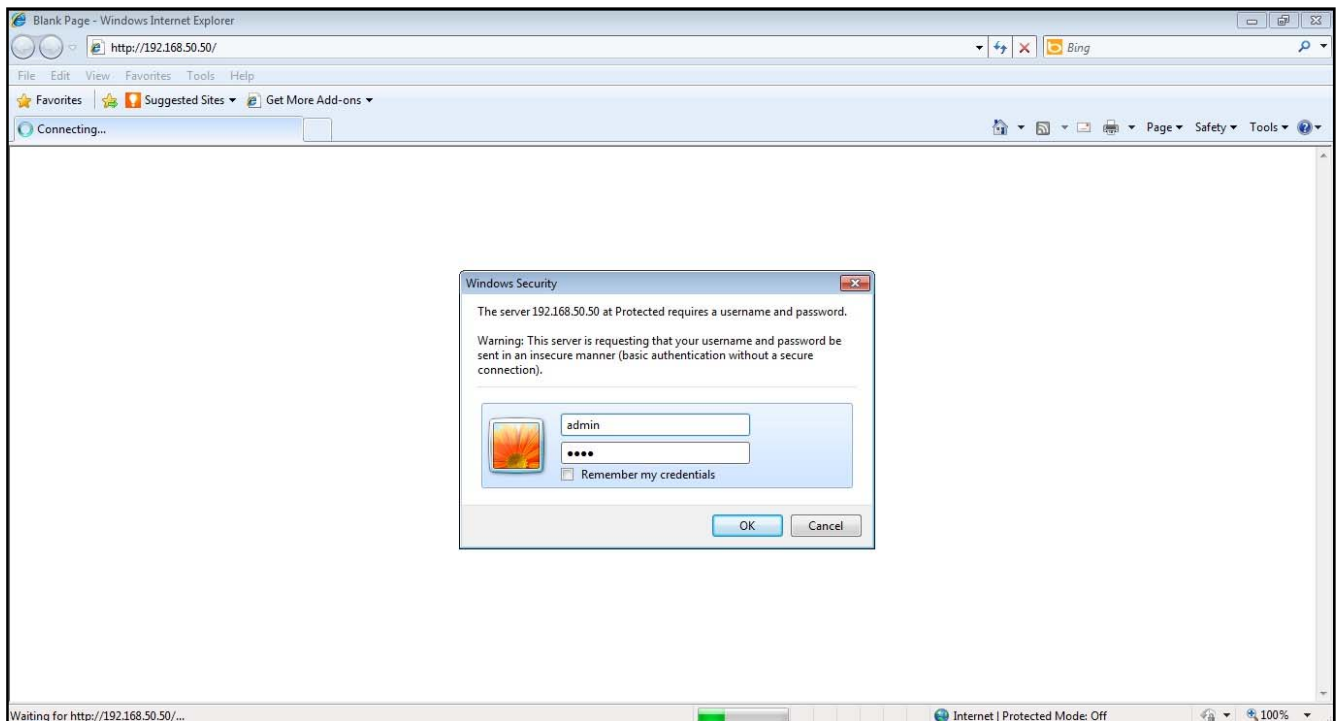
Now we will see the procedure for the installation of Matrix COSEC Hardware with PUSH technology.

- Enter the IP address of the COSEC Door in the Internet Explore.
- The following window will be popped up for user name and password.

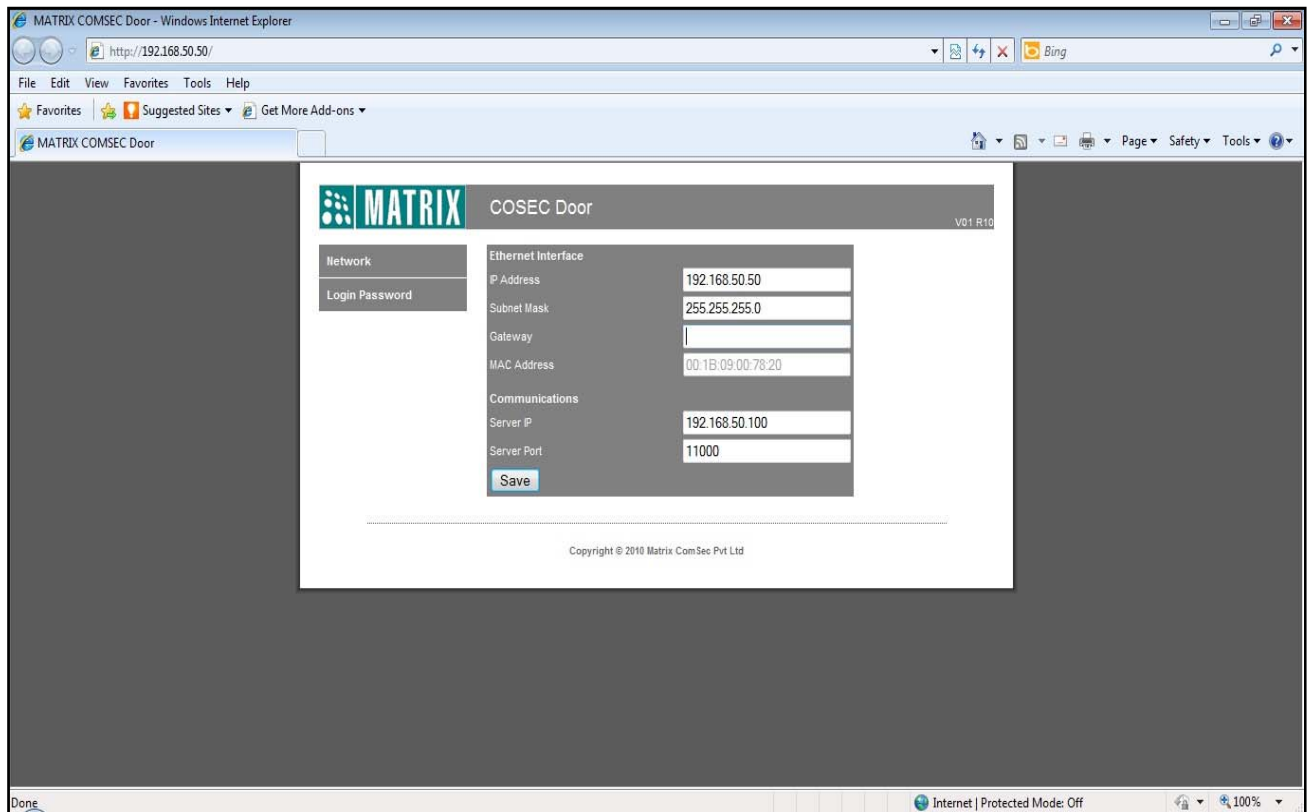
Enter the following user name and password.

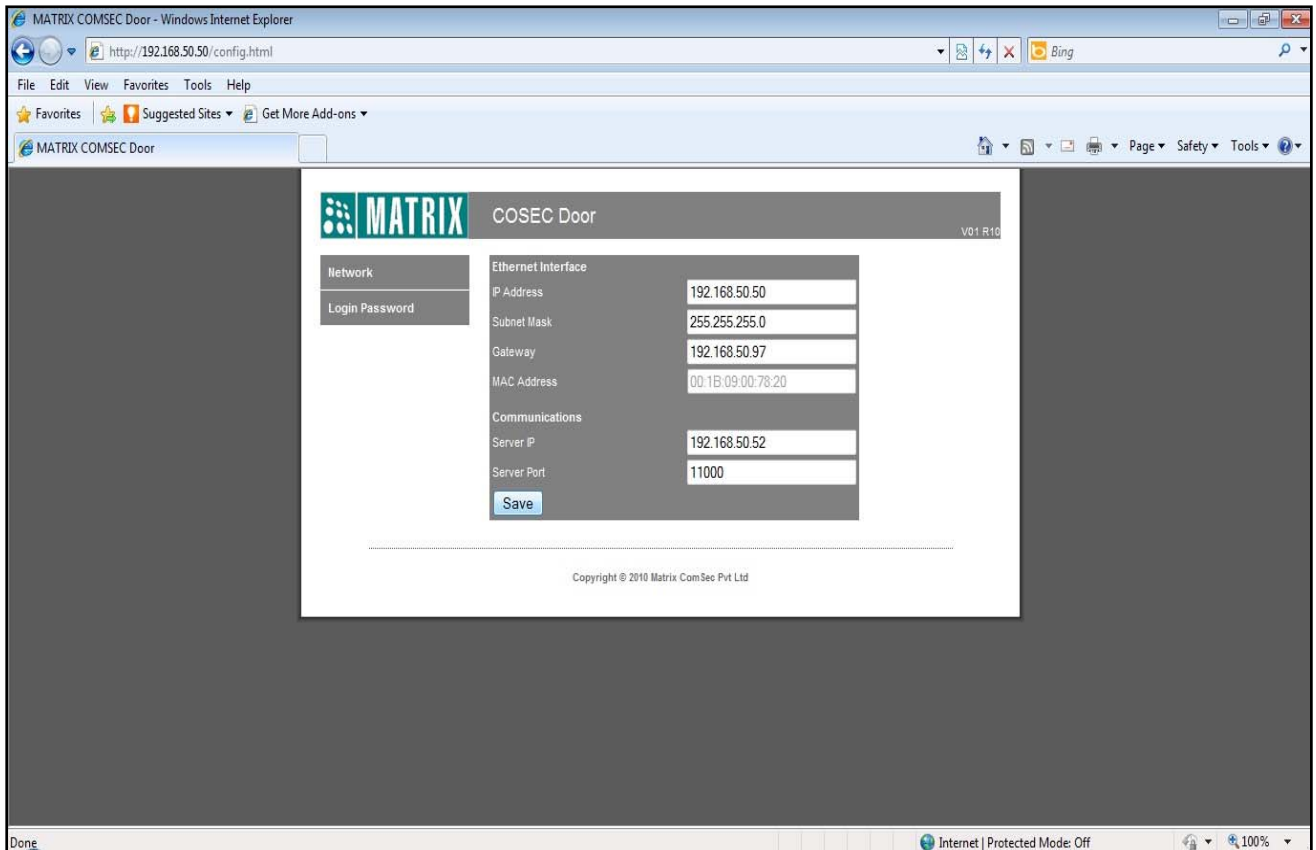
User Name: admin

Password :1234

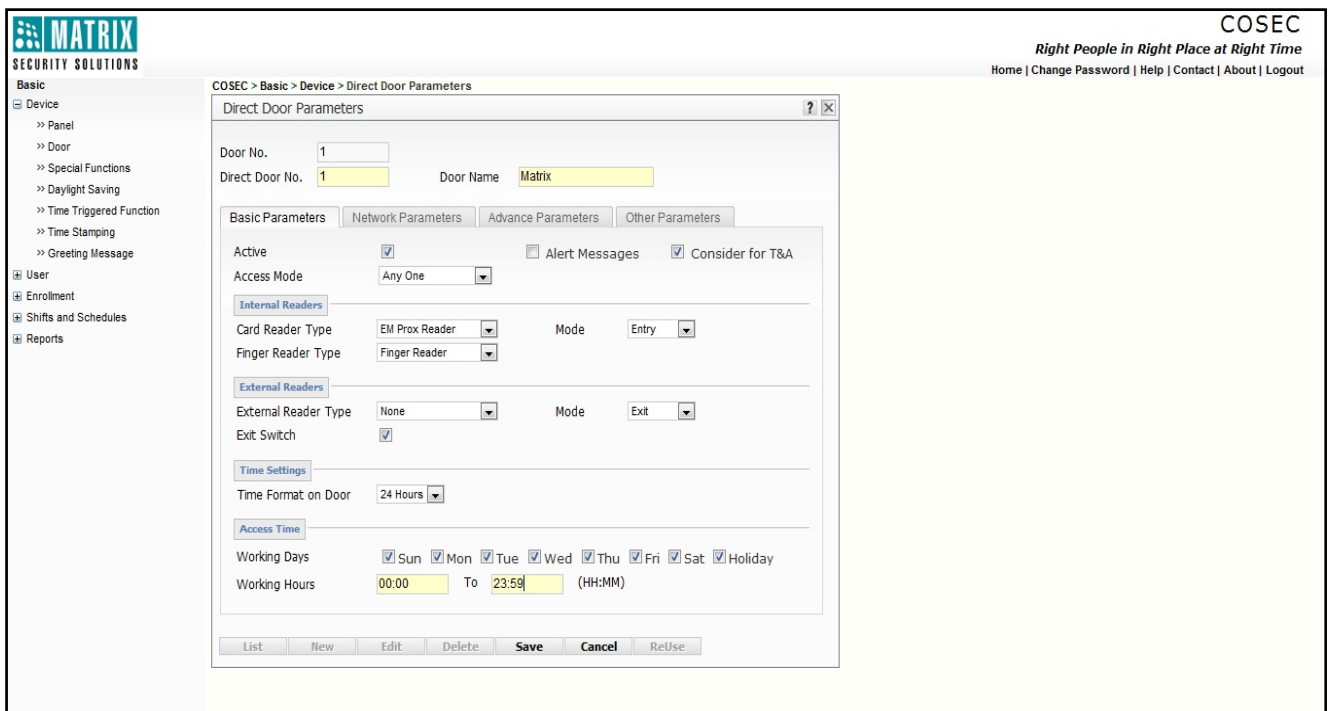


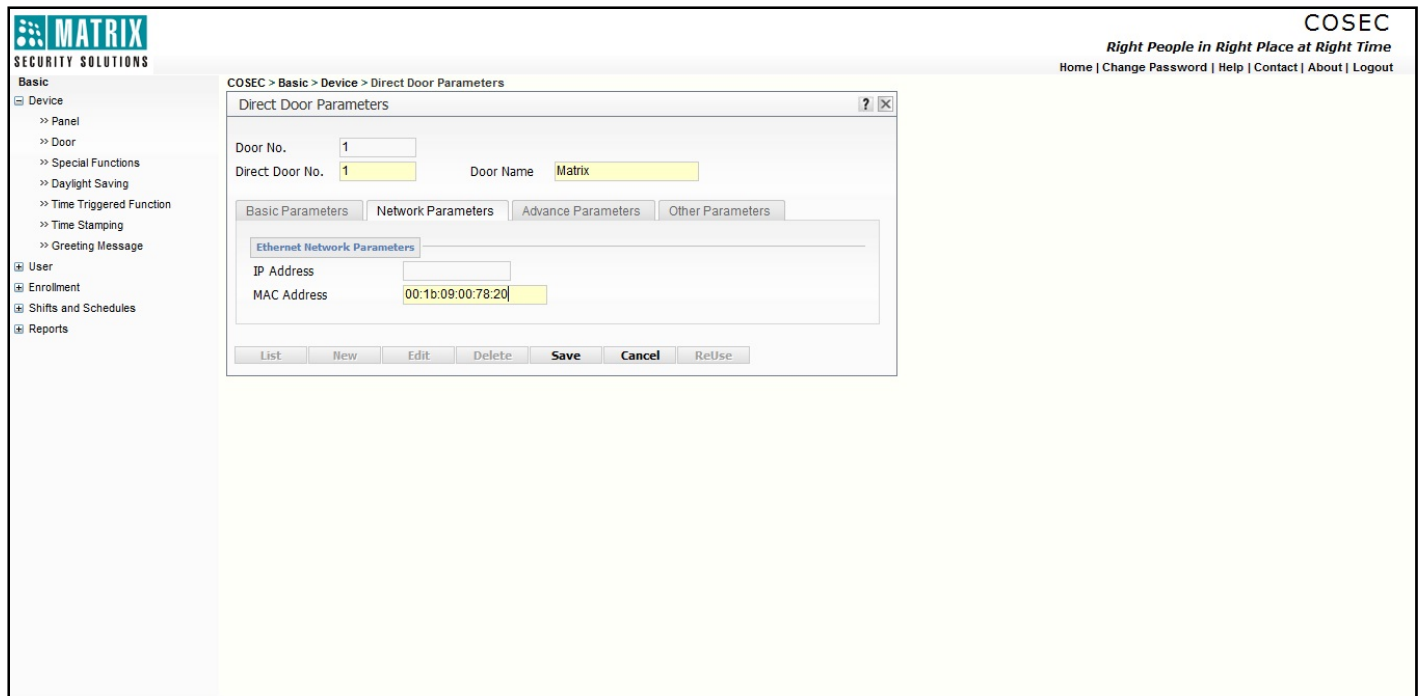
- Enter the COSEC Server IP (IP of the PC on which the Matrix COSEC Application is installed) and gateway of the network in which the DOOR device is connected.
- Gateway is required only when the COSEC Server and COSEC Door are in the different networks.
- Default network page of the DOOR device will be opened as shown below.





➤ Enter the MAC address of the DOOR in the COSEC Web Application in Door parameters page.





- Open the COSEC Monitor Application and refresh the screen. Door will be online as shown in the following screen shot.
- Here IP address of the door need not to be specified. It will be registered automatically when it will come online.

Matrix COSEC MONITOR

File Device Tools Help

Devices - All 1 0

Name	IP/RS485 Address	MAC Address	Type	Status
Matrix	192.168.50.50	00:1b:09:00:78:20	Direct Door	Connected

Features

- Alarms
- I/O Link
- Soft Override
- Events
- Exceptions
- Time Triggered Functions

User Details

Events

Sr No.	Date Time	Type	Device	Category	Detail
1	31/05/2011 09:53:05 AM	Direct Door	Matrix	Request	⊕ Login Request Received.
5	31/05/2011 09:53:08 AM	Direct Door	Matrix	Other	⊕ Start Of Event
7	01/01/2009 12:00:00 AM	Direct Door	Matrix	System	⊕ Power ON
8	31/05/2011 09:53:08 AM	Direct Door	Matrix	ACK	⊕ Basic Configuration Successful.
11	31/05/2011 09:53:08 AM	Direct Door	Matrix	ACK	⊕ Advance Configuration Successful.
12	01/01/2009 12:04:36 AM	Direct Door	Matrix	System	⊕ Power ON
15	01/01/2009 12:07:29 AM	Direct Door	Matrix	System	⊕ Power ON

Login Time: 31/05/2011 09:52 AM User: System Admin [SA] Version 3.01 Current Time: 31/05/2011 09:53:11 AM

Thanks & Regards,

Technical Support Team – Security Product

Matrix ComSec, Vadodara, India

E-mail: support@MatrixComsec.com

Disclaimer: The information contained in this e-mail and/or attachments to it may contain confidential or privileged information. Unauthorized use, disclosure or copying is strictly prohibited and may constitute unlawful act and can possibly attract legal action, civil and/or criminal. The contents of this message need not necessarily reflect or endorse the views of Matrix Telecom Pvt. Ltd on any subject matter. Any action taken or omitted to be taken based on this message is entirely at your risk. Neither the originator of this message nor Matrix Telecom Pvt. Ltd takes any responsibility or liability towards the same. If you are not the intended recipient, please notify us immediately and permanently delete the message.