

# 011 RW How to Secure Access to RoomWizard

PRODUCTS: RW

SYMPTOMS: Customer requires the securest means of accessing RoomWizard web pages. This procedure is not required if the only need is to connect to a secure website for the purposes of synchronizing the RoomWizard with an external data source, such as Exchange, Lotus/Domino, or other calendaring system. It is only required when SSL (HTTPS://) access is required when accessing the RoomWizard web pages.

OS's:

KEYWORDS: SSL, CSR, Certificate

Note1: If the certifying authority issuing the certificate is not a well-known provider, such as Verisign or Go-Daddy, then the Root CA and any Intermediate CAs for the certifying authority issuing the certificate must be added to the RoomWizard trusted store. See "Configuring RoomWizard to Access a Secure Website"

Note2: By default the RoomWizard CSR will request a 1024 bit certificate. If a 2048 bit certificate is required, login to the Device as root, and enter the command:

For RW20

```
echo 2048 > /home/root/data/websign/keysize.conf
```

For RW10

```
echo 2048 > /home/appliance/data/websign/keysize.conf
```

## Generating the CSR (certificate request)

1. Access the RoomWizard Admin pages Firmware Configure SSL.
2. Enter the required data for the CSR, which includes
  - a. **Domain name** (unique for this device and should be registered in DNS)

This must match the host name and domain on the network page, in the format "Host name.domain name", as in the following example. The Domain name would be: ***pv-newton.na.steelcase.net***

RoomWizard®

Device Group Backup Firmware Room Services Help Reservations

Network Language Synchronization Date/Time Security Email Front panel Logo Self-test

Mac Address 00:07:B0:0C:7A:CC

Hostname  ←  Use Reverse-DNS to get this

IP Address

Subnet Mask

Default Gateway

DNS

Domain Name

Use DHCP to get these

1.
  - a. *Company Name, Division Name, City, State or Province and Country..*

Domain Name   
Domain name on which certificate should be

Company Name   
For example Company. If your company or d  
spell out the symbol or omit it to enroll.

Division Name   
For example CompanyDivision

City

State or Province

Country

Click here to generate CSR value

1. Click on Generate CSR. The devices CSR value is generated and displayed



1. Copy the CSR value to a text file, provide it to your certificate administrator, and request a webserver certificate for the RoomWizard.

## Uploading the Device Certificate

1. When you receive the certificate back, return to the RoomWizard Admin pages Firmware Configure SSL tab and upload this certificate.



1. Finally, click on Device Security. At bottom of the page check the box that reads, "Enable HTTPS". As noted the device will reboot at this point

To enable or disable https on this RoomWizard, choose the box below:

**Warning: RoomWizard reboots after you click "Save on THIS Wizard". This can take several minutes.**

Enable HTTPS

**Save on THIS Wizard**

Apply new settings only to [corpgenmb24ecrm5.na.steelcase.net](http://corpgenmb24ecrm5.na.steelcase.net)