Console SSL Settings

NOTE: This feature is only available with Hermes SEG Pro License.

In this section you can specify a custom 3rd party CA certificate, private key and CA chain for the Administration Console as well as the User Self-Service Portal. Hermes SEG comes pre-configured with a self-signed certificate which is not ideal for a production systems since self-signed certificates generate browser errors. You will need **PEM encoded certificates** and an **unecrypted Private Key**.

A PEM encoded certificate is human readeable certificate that starts with:

```
-----BEGIN CERTIFICATE-----
```

and ends with

```
-----END CERTIFICATE-----
```

An unecrypted Private Key starts with:

```
-----BEGIN PRIVATE KEY-----
```

and ends with

```
-----END PRIVATE KEY-----
```

1. Certificate

1. Under the **Console SSL Settings**, ensure you select **3rd Party Specified SSL Certificate**. Once you make the selection, the **Paste Contents of Certificate**, **Paste Conents of Unencrypted Key** and the **Paste Conents of Root and and Int CA Certificate** fields will become enabled.
2. Open your PEM encoded certificate with a text editor and select and copy the entire contents of the file to include the **-----BEGIN CERTIFICATE-----** and the **-----END CERTIFICATE-----** lines.
3. Under the **Paste Contents of Certificate** field, delete the existing contents so you are left with an empty field.

4. Paste the contents of the file you copied from **Step 2** into the empty **Paste Contents of Certificate** field.

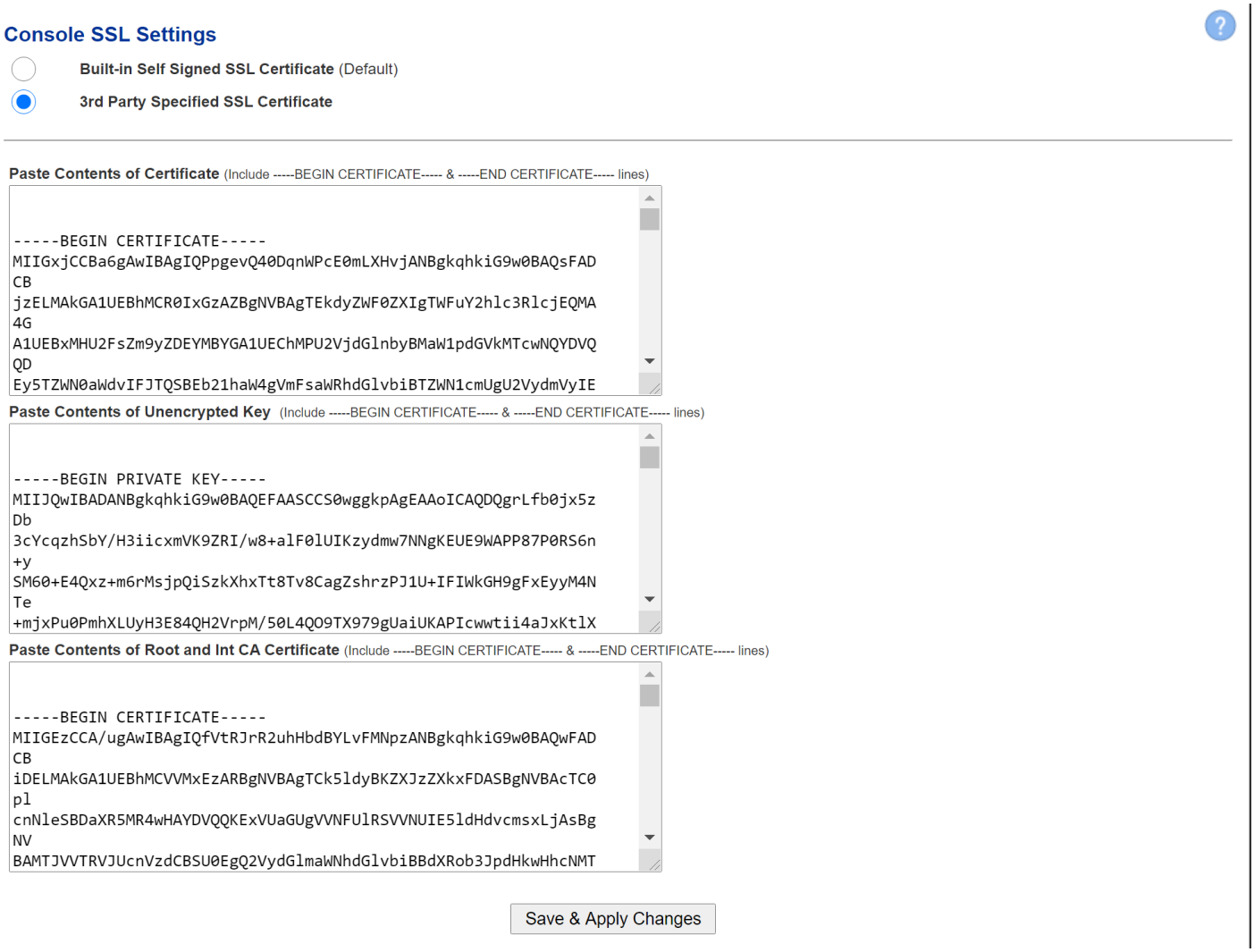
2. Unecrypted Key

1. Open your unecrypted key with a text editor and select and copy the entire contents of the file to include the **-----BEGIN PRIVATE KEY-----** and the **-----END PRIVATE KEY-----** lines.
2. Under the **Paste Contents of Unecrypted Key** field, delete the existing contents so you are left with an empty field.
3. Paste the contents of the file you copied from **Step 1** into the empty **Paste Contents of Unecrypted Key** field.

3. Root and Int CA Certificate

1. Open your PEM encoded CA Bundle certificate with a text editor and select and copy the entire contents of the file to include the **-----BEGIN CERTIFICATE-----** and the **-----END CERTIFICATE-----** lines. Please note that CA Bundle certificates usually include more than one certificate in a single file, so ensure you select ALL the certificates in the file.
2. Under the **Paste Contents of Root and Int CA Certificate** field, delete the existing contents so you are left with an empty field.
3. Paste the contents of the CA Bundle certificate you copied from **Step 1** into the empty **Paste Contents of Certificate** field.
4. After pasting all the contents, click on the **Save & Apply Changes** button (**Figure 1**).

Figure 1



After you click the **Save & Apply Changes** button, the system will perform a validation on the certificate, private key and CA bundle combination. If you get a **Success!!** message, refresh your browser to see your new certificate. If there are errors, verify the contents you pasted in each field especially the **Certificate** and the **Unencrypted Key** fields since those seem to be the cause of most errors.

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