

AppViewX

Integration Guide

Utimaco HSM

**utimaco**<sup>®</sup>

## Imprint

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# 1 Utimaco HSM Setup with AppViewX

1. To integrate with AppViewX, the HSM vendor has to provide the following files.  
`libcs_pkcs11_R2.so` `cs_pkcs11_R2.cfg`
2. As a prerequisite, the `cs_pkcs11_R2.cfg` file should have the HSM device IP and port pre-configured.
3. Copy the files `libcs_pkcs11_R2.so` and `cs_pkcs11_R2.cfg` to the AppViewX nodes where the `avx_vendors` plugin is enabled.
4. Place the `libcs_pkcs11_R2.so` file in the `/usr/lib` directory.
5. In the AppViewX nodes where the `avx_vendors` plugins are enabled, navigate to the AppViewX install and properties directory. Edit the `appviewx.properties` file and enter the value for the key `UTIMACO_PKCS11_LIBRARY_PATH` as  
`UTIMACO_PKCS11_LIBRARY_PATH = /usr/lib/libcs_pkcs11_R2.so`
6. Place the `cs_pkcs11_R2.cfg` file in the `/etc/utimaco` directory.
7. Once the steps mentioned above are executed, restart the plugins and the gateway with the following command:  
`avx --restart plugins avx --restart gateway`
8. Once the Components are up and running, navigate to the AppViewX GUI, login, and navigate to **Inventory > Device > HSM**.
9. Select Utimaco HSM and provide the HSM hostname. Select the implementation type as required and provide the HSM slot ID, partition password, and any user-defined key handler name.

Once saved, if the integration is completed successfully, you will see a pop-up in the UI with a message indicating that the HSM settings have been saved successfully.