**Release Notes**

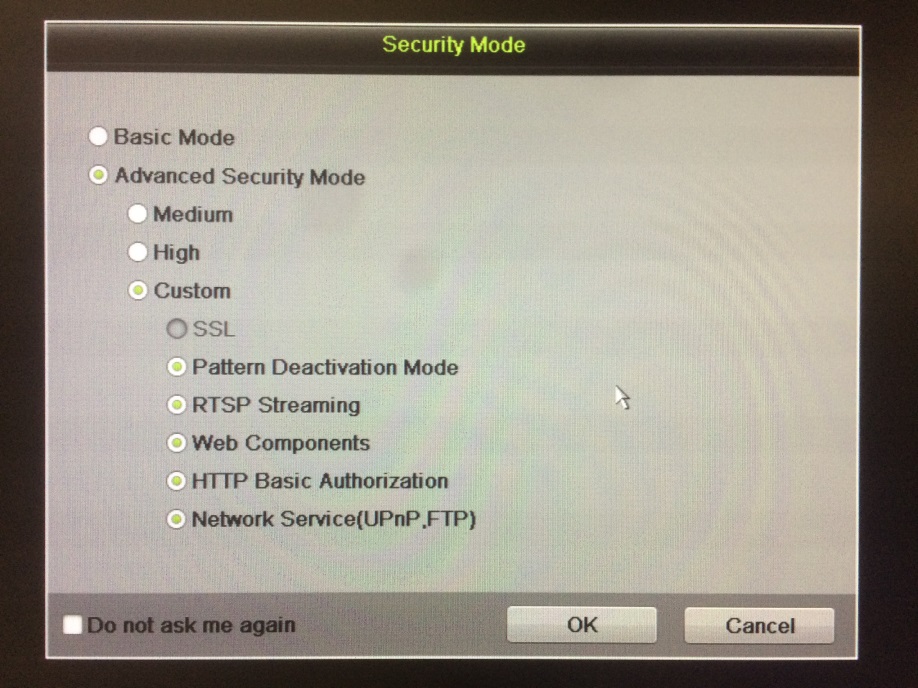
**Model: DS-7716NI-SP/16-4TB, DS-7716NI-SP/16-8TB, DS-7208HGHI-SH-1TB, DS-7216HGHI-SH-1TB, DS-9004HQHI-SH-4TB, DS-9008HQHI-SH-8TB, DS-9016HQHI-SH-16TB, DS-9016HQHI-SH-2TB, DS-9016HQHI-SH-4TB, DS-9016HQHI-SH-8TB**

**Version: V3.1.12 build 160601(TVI DVR) & V3.3.7 build 160601(Netra)**

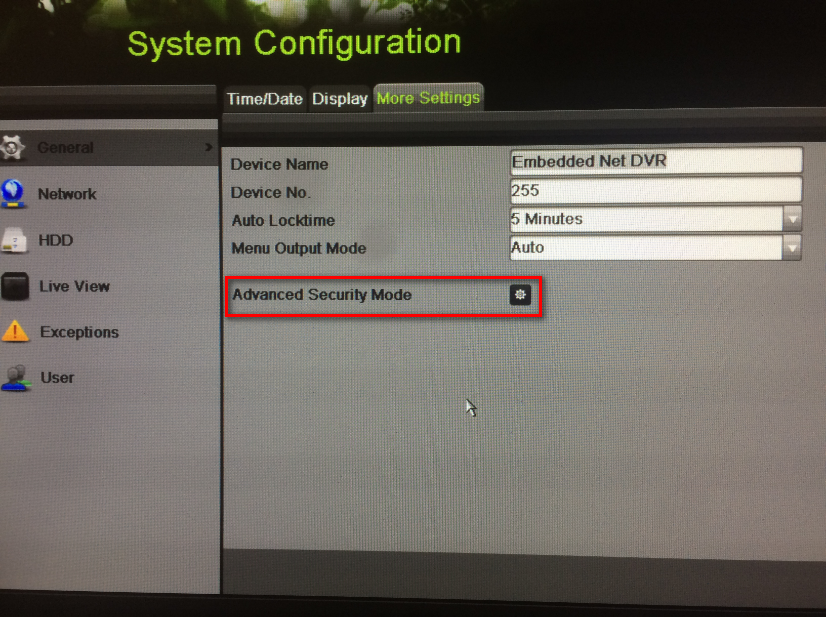
**Date:** 1st June 2016

The following features have been implemented.

● Advanced Security Mode is added on the pop up window when log on the device and System Configuration -> General -> More Settings Page.

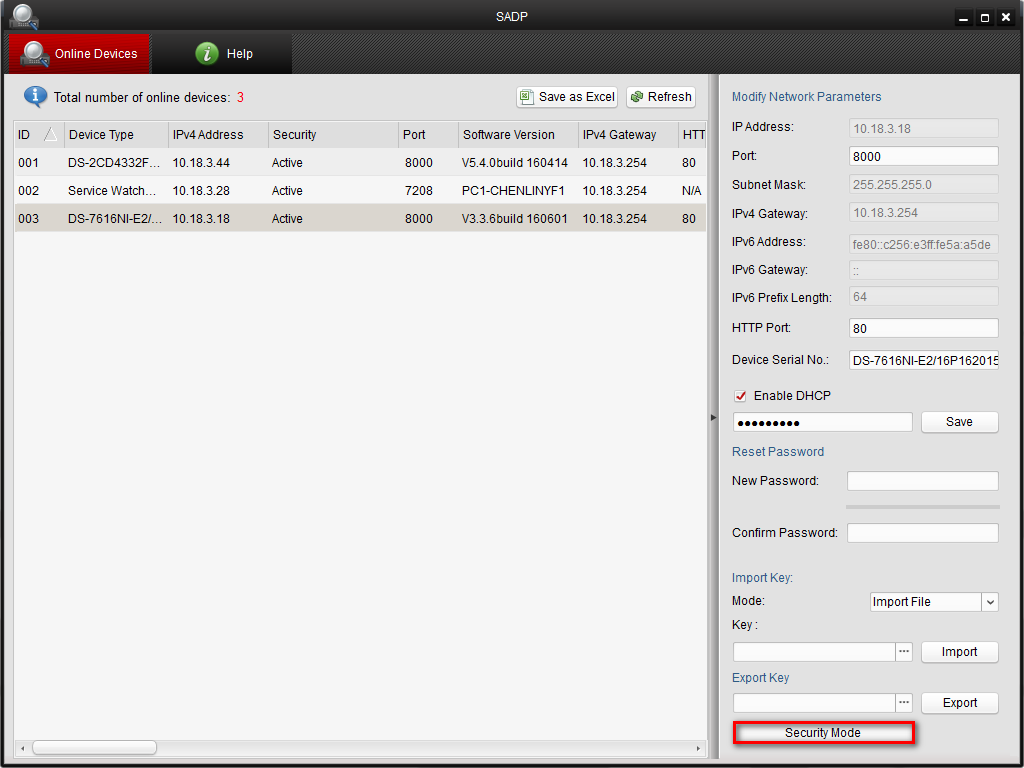


**Figure 1**

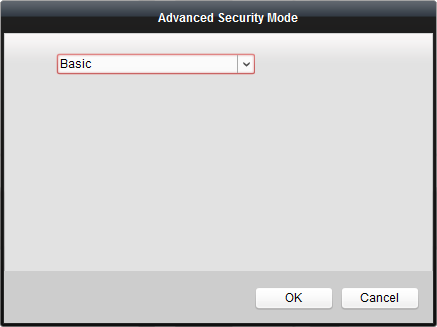


**Figure 2**

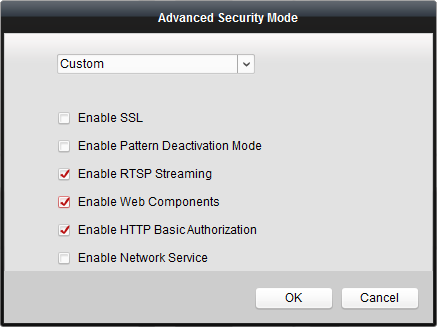
● Advanced Security Mode can be configured by SADP with four different modes: Basic, Custom, Medium and High. Click on the “Security Mode” in Figure 3 and these four modes can be selected from the drop list which is shown in Figure 4, Figure 5, Figure 6 and Figure 7.



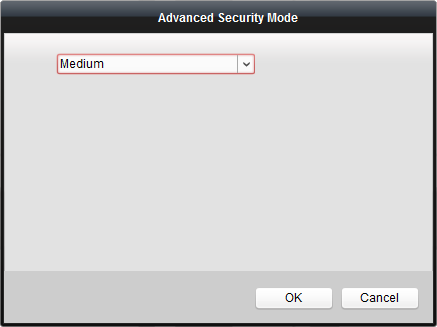
**Figure 3**



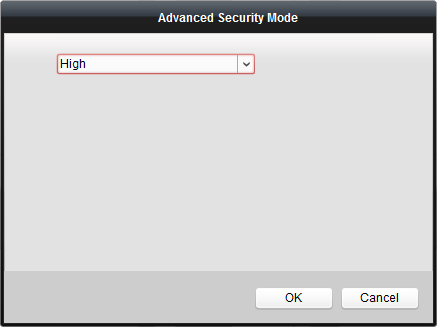
**Figure 4**



**Figure 5**

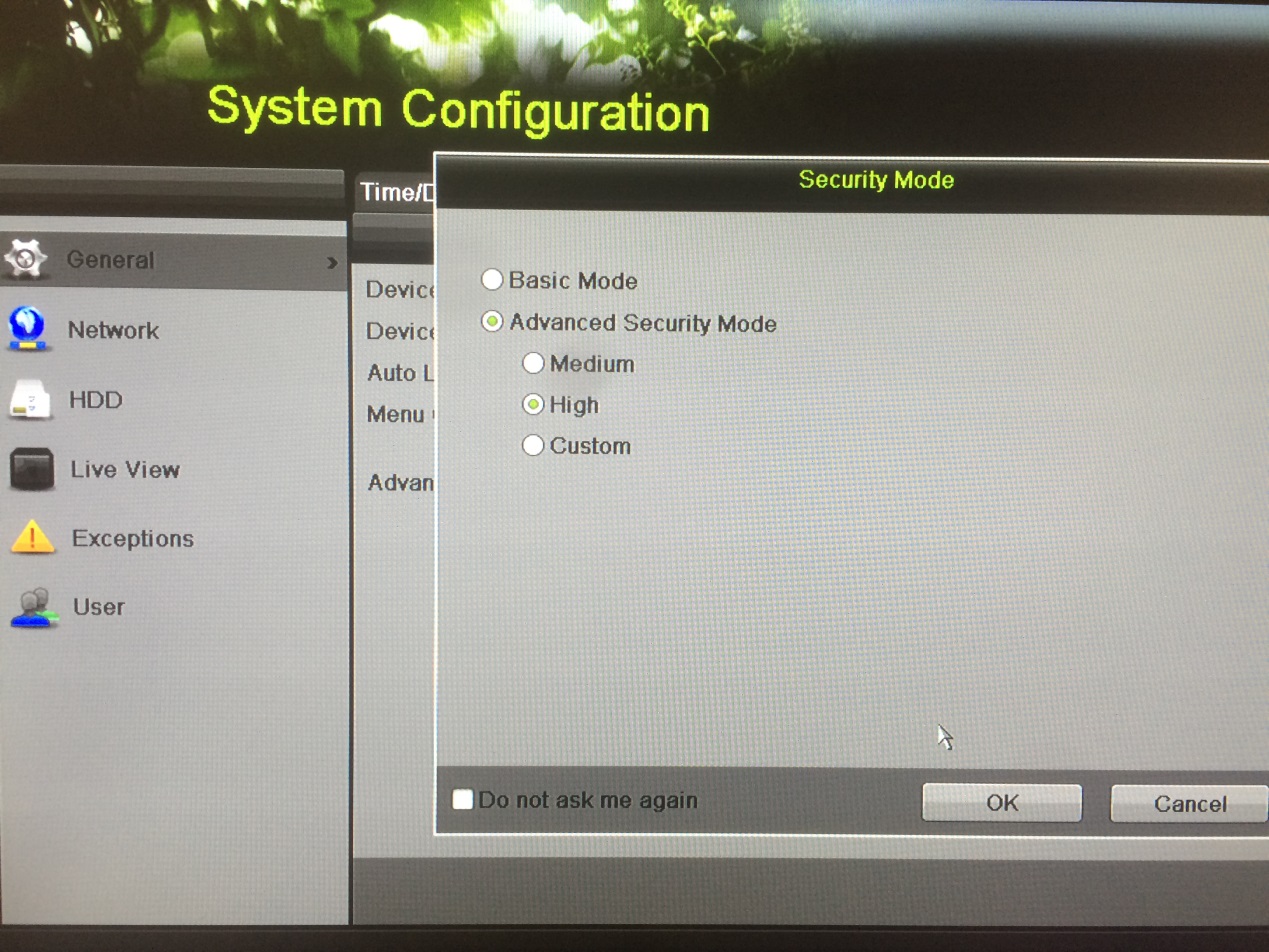


**Figure 6**



**Figure 7**

If the Security Mode is modified to “High Mode”, the device will reboot and the local configuration in System Configuration -> General -> More Settings Page will also change to “High Mode” as is shown in Figure 8.



**Figure 8**

The following issues have been fixed:

● Base64 Encoded Authentication Stored in Browser as JavaScript Variable g\_oWebSession.getItem(UserInfo)( #1 in tab of DVR issue). Disable RTSP streaming in advanced security mode.

● Clear-Text Password Visible on Account Creation and/or password change(#2 in tab of DVR issue).

● jQuery Version 1.7.1 is Known for Being Vulnerable to Class Selector XSS Attacks(#3 in tab of DVR issue).

● RTSP Uses HTTP Basic Authorization(#5 in tab of DVR issue). Disable HTTP Basic Authorization in advanced security mode.

● WebComponent Plugin - Internal IP address/MAC Address Disclosure(#7 in tab of DVR issue). Disable Web Component in advanced security mode.

● WebComponent Plugin - User's Local Home Path Disclosure(#8 in tab of DVR issue). Disable Web Component in advanced security mode.

● WebComponent Plugin - Allows File Uploads by file name(#9 in tab of DVR issue). Disable Web Component in advanced security mode.

● WebComponent Plugin - HWP\_StartDownloadEx() Has Directory Traversal Issue in the Filename Parameter(#10 in tab of DVR issue). Disable Web Component in advanced security mode.

● WebComponent Plugin - Drive-By-Download Attacks Possible Via HWP\_StartDownloadEx()(#11 in tab of DVR issue). Disable Web Component in advanced security mode.

Exported Config File Uses Weak Encryption(#12 in tab of DVR issue).

● IPC Config Export is XLS File With Clear-text Passwords(#13 in tab of DVR issue).

● Management Port 8000 is Vulnerable to Session Hijacking(#14 in tab of DVR issue). Disable HTTP Basic Authorization in advanced security mode.

**Release Notes**

**Model: DS-7208HGHI-SH-1TB, DS-7216HGHI-SH-1TB, DS-9004HQHI-SH-4TB, DS-9008HQHI-SH-8TB, DS-9016HQHI-SH-16TB, DS-9016HQHI-SH-2TB, DS-9016HQHI-SH-4TB, DS-9016HQHI-SH-8TB**

**Version: V3.1.12 build 160614**

**Date:** 4th Aug. 2016

Update:

● Fix sometimes Ezviz P2P not working properly when turn on Advance Security Mode.