



DSS Pro V7.002.0000005

Release Notes



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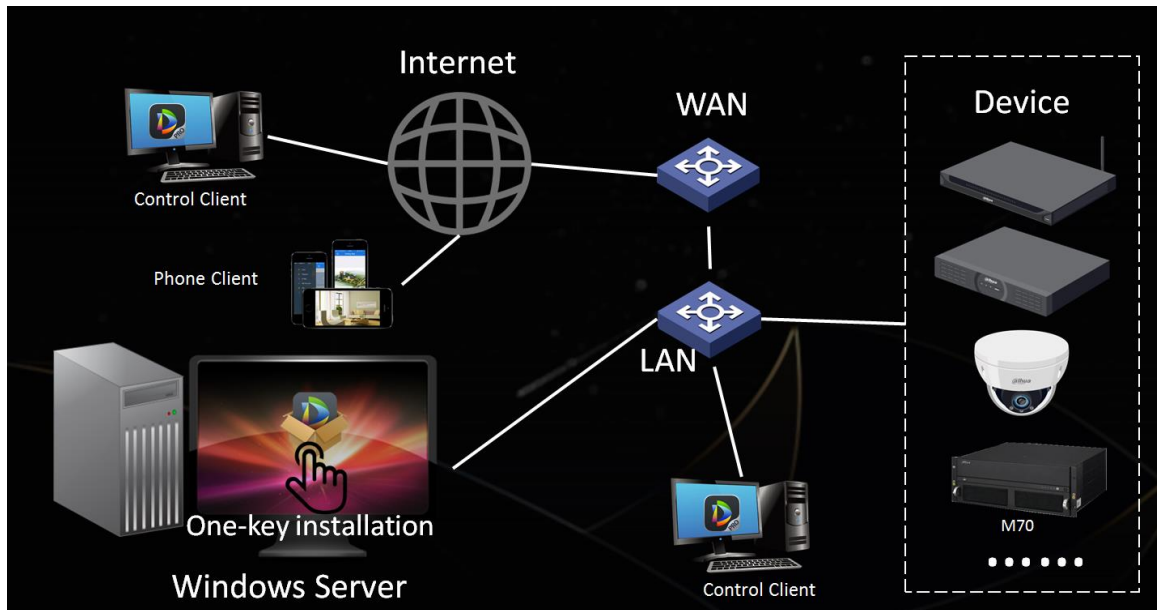
1 Overview

Item	Description
Product Name	DSS Pro
Version	V7.002.0000005
Software Package	General_DSS-PRO_Win64_IS_V7.002.0000005.0.R.20200414.exe
OS Requirement	<ul style="list-style-type: none">• CPU: E5-2640 v3@2.60GHz 2.60GHz 8core• Memory: 16 GB• Network Card: 1 Gps• Hard Disk Type: HDD 1 TB• DSS Installation Directory Free Space: 500 GB or more
Release Date	April 4, 2020

2 Functions and Scenarios of DSS Pro

DSS Pro is a security monitoring platform product in the DSS (Dahua Security Software) family, mainly used in medium and large security monitoring projects. DSS Pro can effectively combine various security monitoring device functions and combine the services in a way that is close to the user's using habits, meeting various security monitoring needs, such as user video viewing, PTZ control, voice talk, video playback and event linkage. DSS Pro is easy to use, reliable, open and scalable, and can provide users with high-end security monitoring experience, such as high definition, intelligence and security. Additionally, DSS Pro adopts B/S and C/S access architectures to fully take the using habits of various users into account, and can support both multi-point operation and management.

Figure 1-1 DSS Pro networking



3 New Features

- Security baseline 2.0
- GDPR
- Online license
- Offline alarm push with Mobile 2
- N+M deployment
- Remote two-way talk with App
- Device safe login
- People stay number warning
- Multi-region and multi-line people counting
- Dual ANPR camera mode for entrance control
- Human body search by image with IVSS/IVS
- Single-radar device access
- XVR alarm box
- QR code for visitor
- Restore face from privacy mask
- Optimized face database performance
- Optimized functions and performance of search by image and face track
- Optimized picture export performance
- Lower CQFSTOOL CPU consumption
- Optimized control client in video wall playback

4 Fixed Bugs

- Client crashes with closing local video on the **Playback** interface during recording.
- MTS and SS restart when viewing live or recorded video of the lower level.
- Fisheye-PTZ smart track fails during GPU decoding.
- If service is installed in Disk C and OSS storage is configured, Pro service file will be formatted and thus cause failure of starting service.
- When adding a device, device SNs are repeated and in Chinese.
- It fails to export results of search by image.
- Access controller gets offline when sending door config to device.
- In N+M mode, alarm snapshots do not display after failover.
- For Hikvision devices added by IP, the file is 0 kb after being downloaded by time or file, and cannot play.
- Client crashes occasionally during playback.
- Face track search has no result in the face recognition module.

5 Compatibility

See *DSS Pro Upgrade Guide*.

6 OS and Browser Compatibility

Operating Systems:

PC version	Test result
Windows Server 2008	Pass
Windows Server 2012	Pass
Windows Server 2016	Pass
WIN 7 - 32 bit	Pass
WIN 7 - 64 bit	Pass
WIN 10 - 64 bit	Pass

Browser:

Browser versions	Test result
IE 9	Pass
IE 10	Pass
IE 11	Pass
Chrome 70	Pass
Chrome 63	Pass

Browser versions	Test result
Chrome 67	Pass
Chrome 64	Pass
Firefox 63	Pass
Firefox 52	Pass
Firefox 55	Pass
Firefox 53	Pass

7 Software Environment

Module List:

Module	SVN	Version
DSSvrTool	/BASPlatform/DSSModule/DssSvrTool/Branches/P_2017.03.17_DssSvrTool_DSS-B3.21_Overseas_Windows	1615624
DssBaseLib	/BASPlatform/DSSModule/DssBaseLib/Branches/P_2014.09.23_DssBaseLib_Stable1.3.X	1612193
DssProto	/BASPlatform/DSSModule/DssProto/Branches/P_2014.09.23_DssProto_Stable1.3.X	1614718
DBLayer	/BASPlatform/DSSModule/DBLayer/Branches/P_2015.06.30_DBLayer_Stable1.5.X	1615606
LicenseDsl	/BASPlatform/DSSModule/LicenseDsl/Trunk	1619252
StreamMedia	/BASPlatform/DSSModule/StreamMedia/Trunk	1615605
SS_MTS	/BASPlatform/DSSModule/SS/Branches/P_2018.01.06_SS_SOA_Stable1.3.X	1651567
CMS	/BASPlatform/DSSModule/CMS/Branches/P_2016.07.05_CMS_DSS7016_Overseas_Windows	1633823
DMS	/BASPlatform/DSSModule/DMS/Branches/P_2020.04.09_DMS_DSSPRO_V7.02.005	1645951
VMS	/BASPlatform/DSSModule/VMS/Branches/P_2015.01.26_VMS_2.1.X	1615613
AlarmServer	/BASPlatform/DSSModule/AlarmServer/Branches/P_2016.09.14_AlarmServer_OverSeasBase	1615615
DVRProxyServer	/SASPlatform/DVRProxyServer/Branches/P_2018.09.10_DVRProxyServer_DSSExpress	35283
DevAdapter	/BASPlatform/DSSModule/DevAdapter/Branches/P_2018.09.10_DevAdapter_DSSExpress	1651557
MCD	/BASPlatform/DSSModule/MCD/Trunk	1620646
PES	/BASPlatform/DSSModule/PES/Trunk	1615617
PTSPCS	/BASPlatform/DSSModule/PTSPCS/Trunk	1616698

SearchDevice	/BASPlatform/DSSModule/SearchDevice/Branches/P_2018.05.16_SearchDevice_OverSeas	1626257
MachineDiscovery	/BASPlatform/DSSModule/MachineDiscovery/Trunk	1615623
SwitchCenter	/BASPlatform/DSSModule/SwitchCenter/Branches/P_2019.09.16_SwitchCenter_sipstack	1615626
OSS	/BASPlatform/DSSModule/ObjectStorage/Trunk	1585033
DSS PRO Client	/BASPlatform/DSSModule/OverseasDSS/DSSControlClient/Trunk	1646844
DSS Pro Server Module	/BASPlatform/DSSModule/DSSToolKit/Branches/P_2018.12.17_DSSToolKit_DSSToolKit_DSSToolKit	1574235

8 Upgrade Guide



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