

Appendix 1 Service Module Introduction

Appendix Table 1-1 Service module introduction

Service Name		Function Description
Access Service	DSS_NGINX	Reverses user requests to distributed system management services.
System Management Service	DSS_SMC	Manages services and provides access to various interfaces.
Device Discovery Service	DSS_HRS	Broadcasts platform information to discover devices.
Data Cache Service	DSS_REDIS	Platform temporary business data storage.
Database	MySQL	Stores platform business data.
Message Queue Service	DSS_MQ	Transfers messages between platforms.
Device Management Service	DSS_DMS	Registers encoders, receives alarms, transfers alarms and sends out the sync time command.
Media Transmission Service	DSS_MTS	Gets audio/video bit streams from front-end devices and then transfers the data to DSS, the client and decoders.
Storage Service	DSS_SS	Store, search and play back recordings.
Device Search Service	DSS_SOSO	Search for device information.
Video Matrix Service	DSS_VMS	Log in to the decoder and send tasks to the decoder to output on the TV wall.
Auto Register Service	DSS_ARS	Listens, logs in, or gets bit streams to send to MTS.
ProxyList control Proxy Service	DSS_PCPS	Logs in to ONVIF device, and then gets the stream and transfers the data to MTS.
Alarm Dispatch Service	DSS_ADS	Sends alarm information to different objects according to defined plans.
Access Control Service	DSS_ACDG	Manages access control and other related operations.
External LED Device Access Service	DSS_MCDLed	Manages LED access and other related operations.
External Radar Access Service	DSS_MCDRadar	Manages radar access and other related operations.
External Alarm Controller Access Service	DSS_MCDAlarm	Manages alarm controller access and other related operations.
Power Environment Server	DSS_PES	Manages access of dynamic environment monitoring devices.

Service Name		Function Description
Video Intercom Switch Center	DSS_SC	Manages PC client and App client login as SIP client, and also forwards audio-talk streams.
Object Storage Service	DSS_OSS	Manages storage of face snapshots and intelligent alarm pictures.
Object Storage Service	DSS_SubOSS	Mainly manages storage evidence recordings and pictures.
Picture Transfer Service	DSS_PTS	Manages picture transmission.
Speed Measurement Service	DSS_EAS	Measures vehicle average speed and analyzes traffic data.
Media Gateway	DSS_MGW	Sends MTS address to decoders.
Device Update Service	DSS_UPDATE	Updates devices.
File Resource Node Management Service	DSS_FNODE	Manages the file resource node management service.
File Resources Node Service	DSS_FILERESOURCE	Manages files from MPT devices and related operations.
Configuration Service	DSS_CFGS	Manages disks, such as read-and-write operations.
Access Controller Access Service	DSS_MCDDOOR	Manages access controller access and related operations.