# Streaming Service Modules for AP-SDS2000, AP-SDS3000, AP-SDS5000



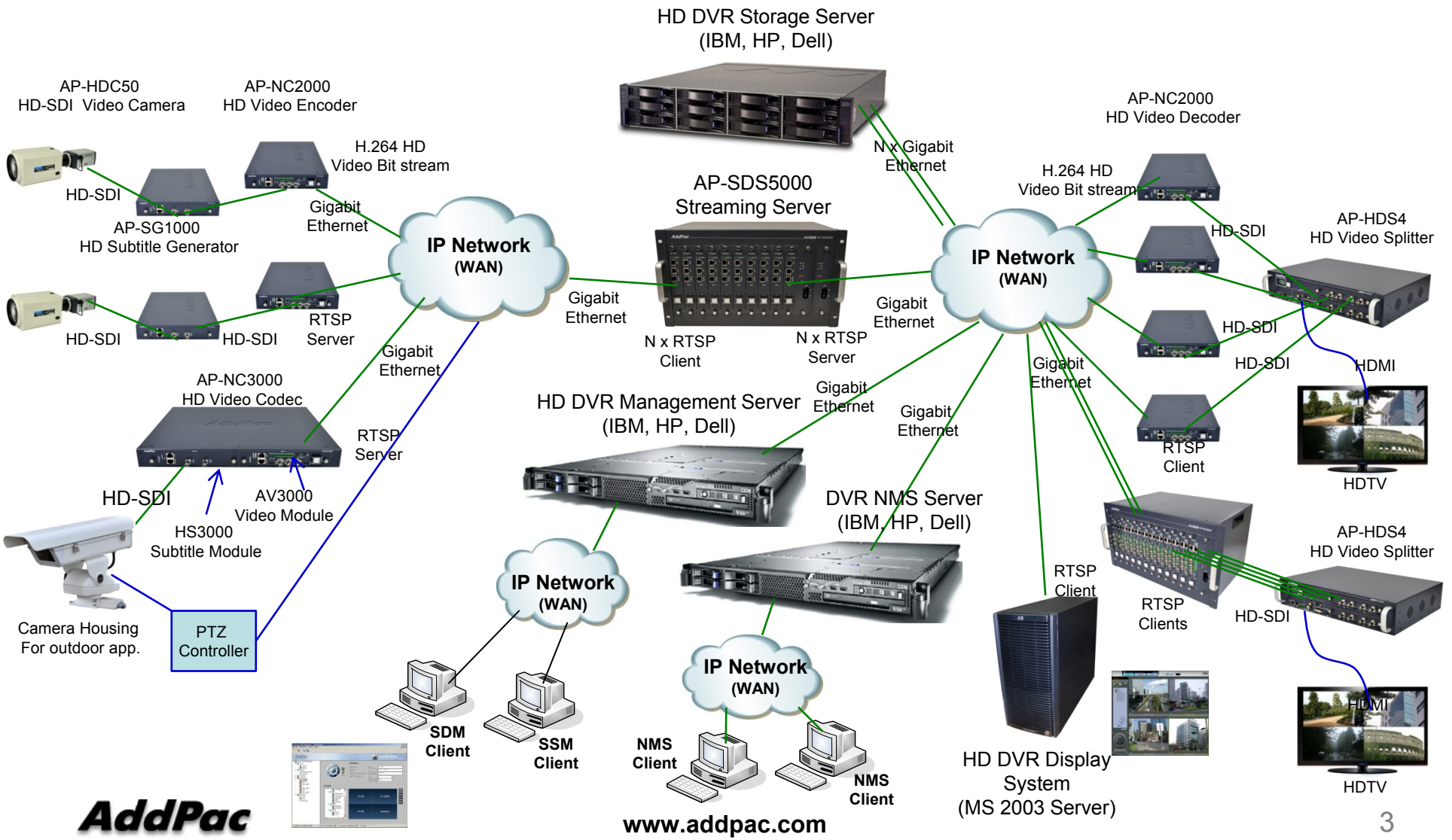

**AddPac Technology**

Sales and Marketing

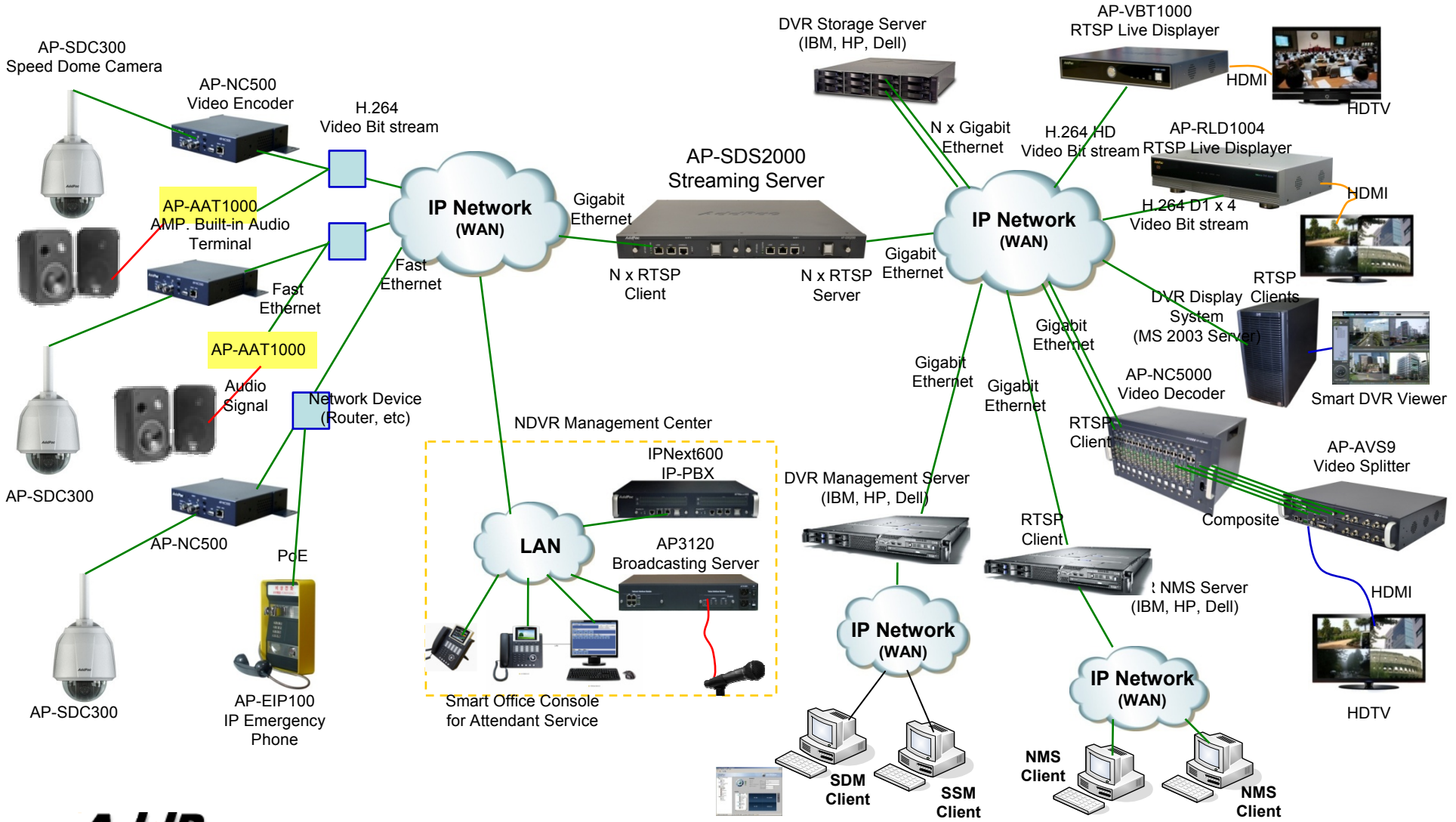
# Contents

- AddPac HD Network DVR Service Diagram
- AddPac D1 Network DVR Service Diagram
- AP-SDS2000, AP-SDS3000, AP-SDS5000 H/W Platform
- Streaming Service Modules for AP-SDS2000, AP-SDS3000, AP-SDS3000
  - AP-SDSM-V1 Smart DVR Streaming Service Module
  - AP-SDSM-V2 Smart DVR Streaming Service Module*
- Smart DVR Manager for System Management

# HD Network DVR Service Diagram



# D1 Network DVR Service Diagram



# AP-SDS2000, AP-SDS3000, AP-SDS5000 H/W Platform

# AP-SDS2000, AP-SDS3000, AP-SDS5000 H/W Platform

| Model | AP-SDS2000 | AP-SDS3000 | AP-SDS5000 |
|---|---|---|---|
| |  | |  |
| Module Slot | 2 Module Slot | 4 Module Slots | 10 Module Slots |
| Power Supply | Internal Power Module (AC) | Internal Power Module (AC) | Module based Dual Power Supply |
| Power Type | Built-In | Built-In | Module Type |

# Streaming Service Modules

High-end
**RISC**

AP-SDSM-V1 Smart DVR Streaming Service Module
(HD, D1, CIF, etc)





# AP-SDSM-V1 Streaming Service Module

High-end RISC

## Main Features

- RTSP based Full HD/HD/D1 Streaming Service
- High Performance RISC Computing Power
- Embedded H/W and Real-time OS
- Fault Tolerant and Reliability Service
- RTSP Server & Client Architecture
- HD Video Encoder, HD Video Decoder, HD Storage Server, HD Display Server RTSP based Interworking
- Maximum 20 Channel HD Video Bit-Stream TCP Input(at 4Mbps)
- Maximum 40 Channel HD Video Bit-Stream TCP Output(at 4Mbps)
- VRRP, Active & Standby Redundancy Support
- Server Function for Web based Smart DVR Manager
- HD Video Solution with Outstanding Network Service Capability

# AP-SDS2000 Streaming Server

High-end
RISC

## Hardware Specification

- High-end Programmable RISC Hardware Architecture
- Two(2) Module Slots for HD Streaming Service
- Smart DVR Streaming Service Module (AP-N1-SDSM)
  - Network Interface
    - Two(2) 10/100/1000Mbps Gigabit Ethernet
    - One(1) Console Port



# AP-SDS5000 Streaming Server

High-end
RISC

## Hardware Specification

- High-end Programmable RISC Hardware Architecture
- Ten(10) Module Slots for HD Streaming Service
- Smart DVR Streaming Service Module (AP-N1-SDSM)
  - Network Interface
    - Two(2) 10/100/1000Mbps Gigabit Ethernet
    - One(1) Console Port

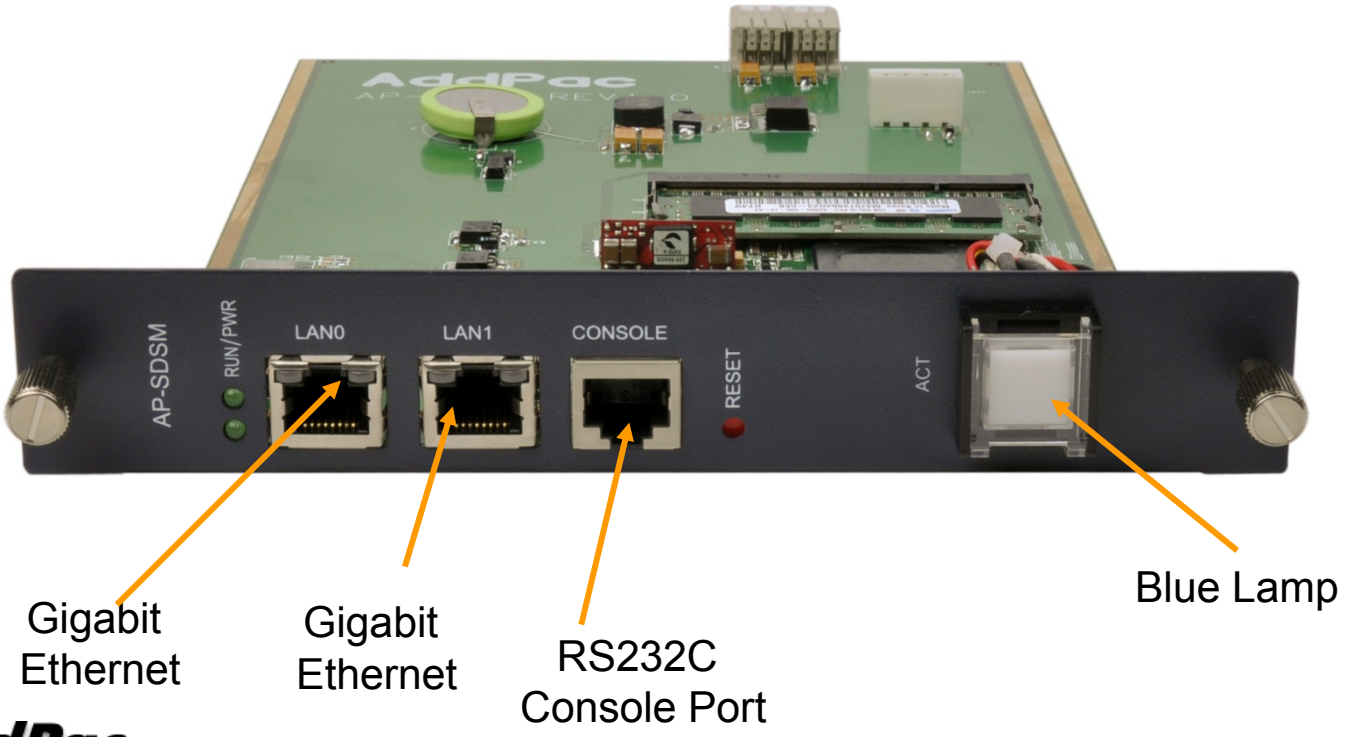


# AP-SDSM-V1 Streaming Service Module

High-end RISC

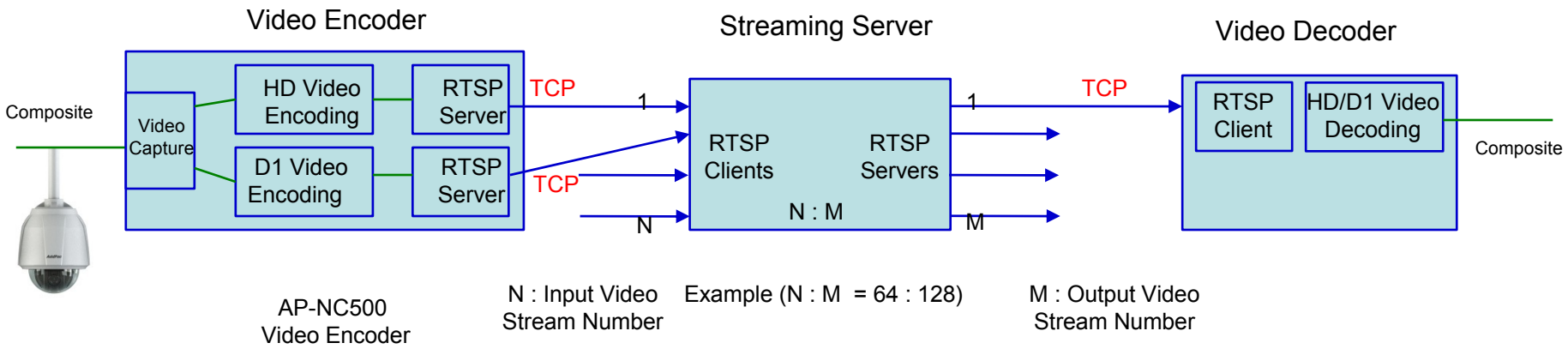
## Hardware Module Specification

AP-SDSM-V1 Streaming Service Module



# AP-SDSM-V1 Streaming Service Module

## Streaming Service Performance Matrix

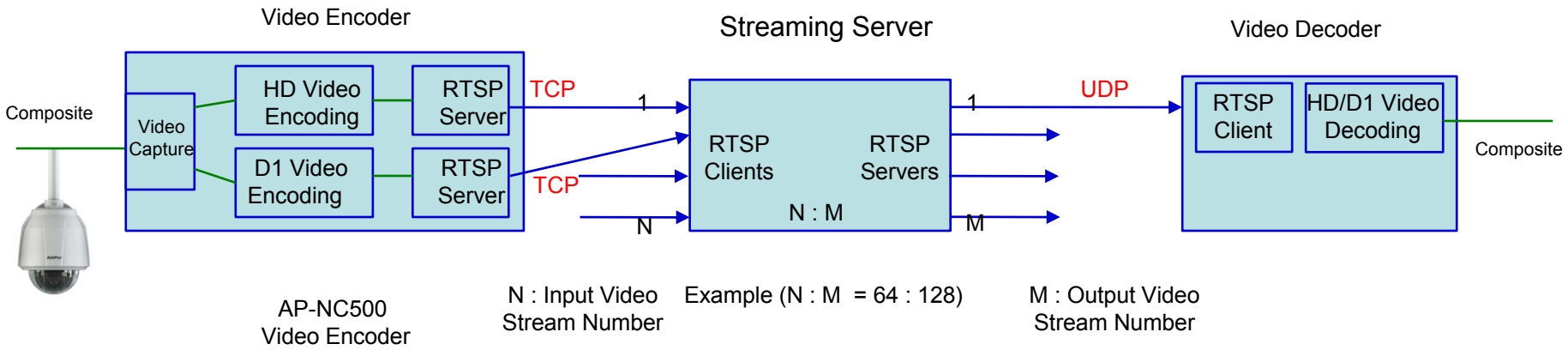



## Streaming Service Performance Matrix

|  | Streaming Service Performance | | | |
|---|---|---|---|---|
| Image Size | D1 | D1 | HD | HD |
| Bandwidth | 1M | 2M | 4M | 8M |
| TCP Input Ch/ TCP Output Ch | 80/160 | 40/80 | 20/40 | 10/20 |

# AP-SDSM-V1 Streaming Service Module

## Streaming Service Performance Matrix

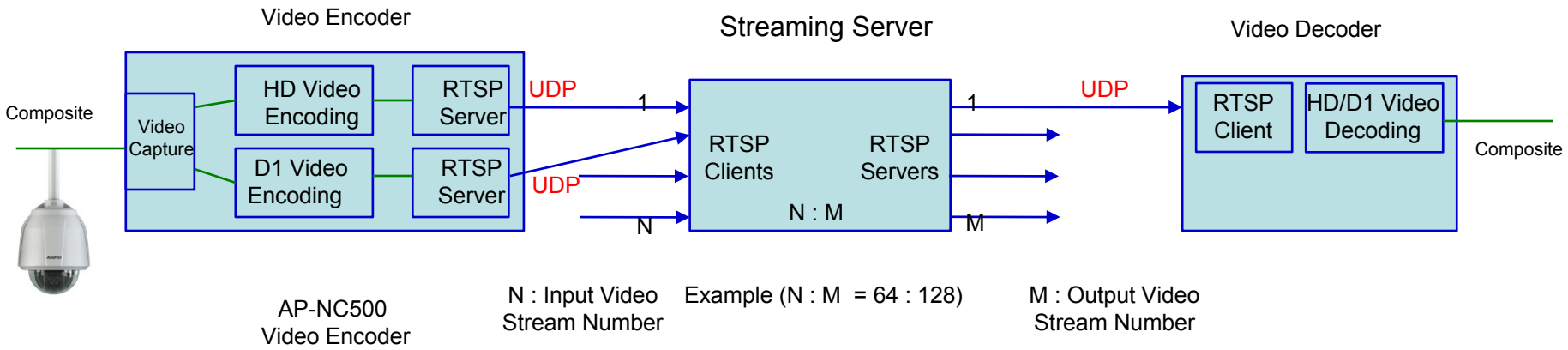



## Streaming Service Performance Matrix

|  | Streaming Service Performance | | | |
|---|---|---|---|---|
| Image Size | D1 | D1 | HD | HD |
| Bandwidth | 1M | 2M | 4M | 8M |
| TCP Input Ch/ UDP Output Ch | 110/220 | 60/110 | 27/54 | 14/28 |

# AP-SDSM-V1 Streaming Service Module

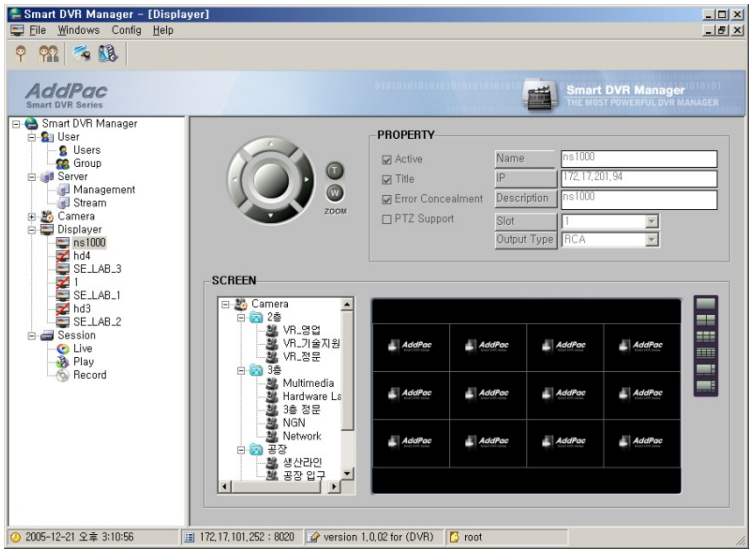
## Streaming Service Performance Matrix




## Streaming Service Performance Matrix

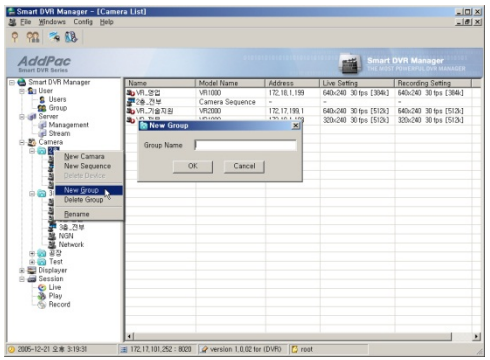
|  | Streaming Service Performance | | | |
|---|---|---|---|---|
| Image Size | D1 | D1 | HD | HD |
| Bandwidth | 1M | 2M | 4M | 8M |
| UDP Input Ch/ UDP Output Ch | 125/250 | 62/124 | 32/64 | 16/32 |

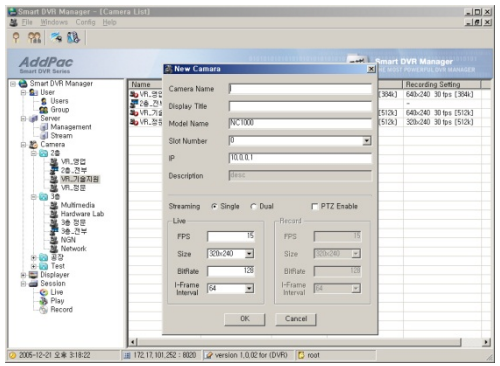
# Smart DVR Manager for System Management

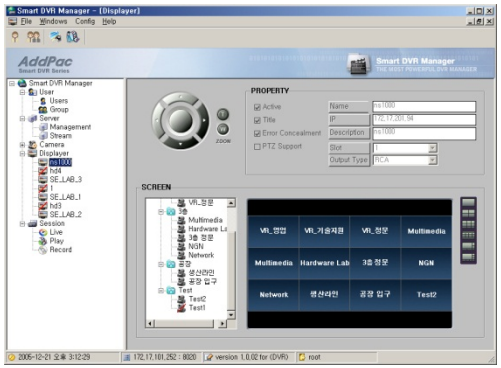


# Smart DVR Manager

- Window based Smart DVR Management Software
- RTSP based Streaming Server Management
- User & Group Management
- Recording and Management Server Management
- IP based Video Encoder (Network Camera) Management
- RTSP Client Management (Video Decoder, Live Displayer, Recording Server, etc)
- Session Management







# Thank you!

**AddPac Technology Co., Ltd.**
Sales and Marketing

Phone +82.2.568.3848 (KOREA)
FAX +82.2.568.3847 (KOREA)
E-mail sales@addpac.com