



A Crystal Ball to Secure Your World

IFSEC 2011

Presenter's Name : J.P. Yang

Presenter's Title : Manager, Brand Project Dept.




- Manager of Brand Project Dept., VIVOTEK,
 - Global project support
 - After service: FAE/RMA
 - Solution Integration Alliance
- Join VIVOTEK since 2002.
- Positioning: join with partners to catch the trend



New Vision of Fisheye Camera


Fisheye Introduction



360° Surround

180° Panorama

O R P 103R



Application



Commercial / Shopping mall





*A Crystal Ball to
Secure Your World.*

FE8171V | Fish-Eye Network Camera **ONVIF**

- 3-megapixel CMOS Sensor
- 1.27 mm Fisheye Lens for 360° Panorama View
- Removable IR-cut Filter for Day and Night Function
- Real-time H.264, MPEG-4 and MJPEG Compression (Triple Coded)
- Multiple Simultaneous Streams
- EN60155 Compliance for Professional Mobile Surveillance
- Vandal-proof IK10-rated and Weather-proof IP67-rated Housing
- Built-in 802.3af Compliant PoE
- Built-in MicroSD/SDHC/SDXC Card Slot for On-board Storage



Fisheye Lens Mounting



Wall (180°)

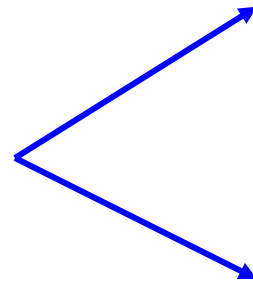


Ceiling (360°)



Ground (360°)

Fisheye Introduction



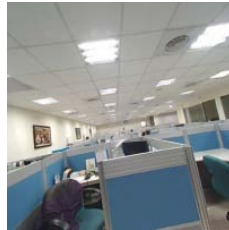
360° Surround

180° Panorama

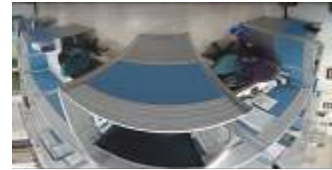
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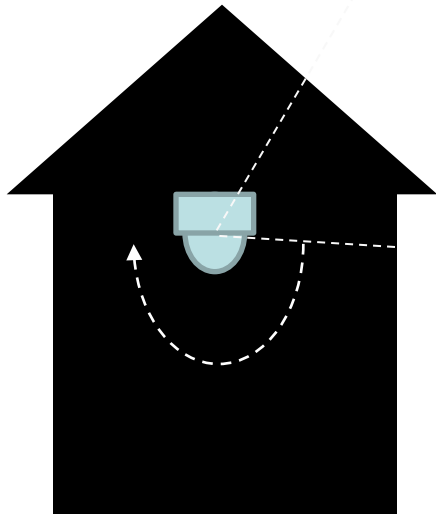


103R

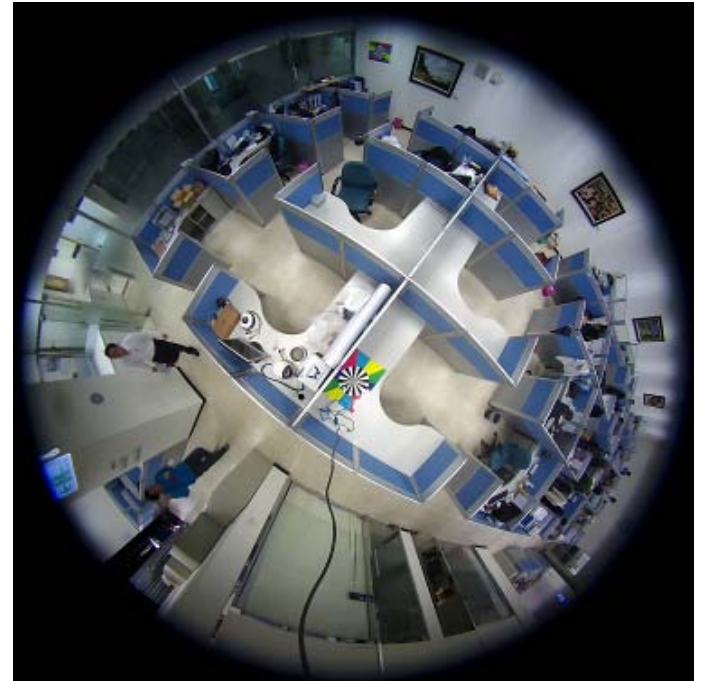


360° Surround

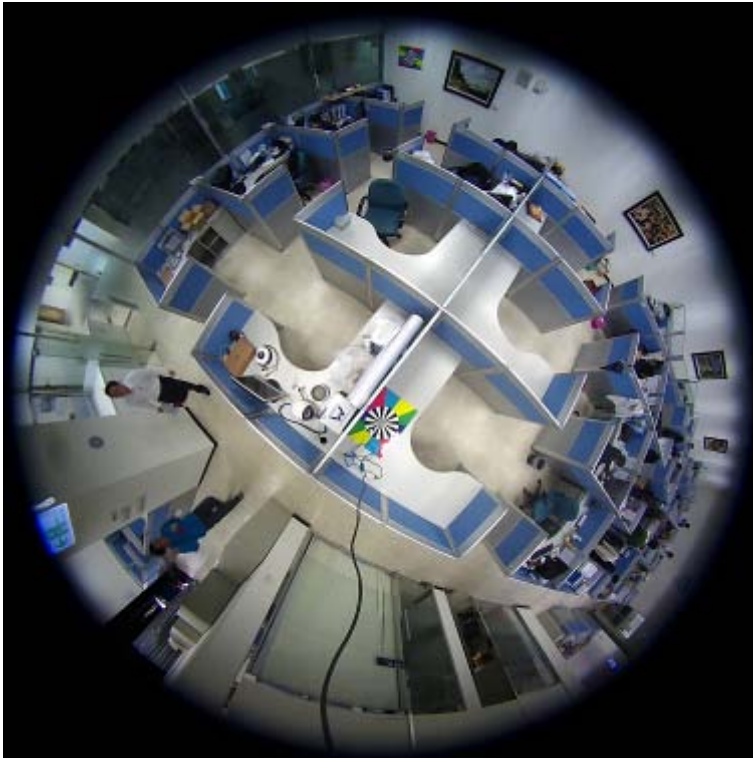
Ceiling Mount or Floor Mount



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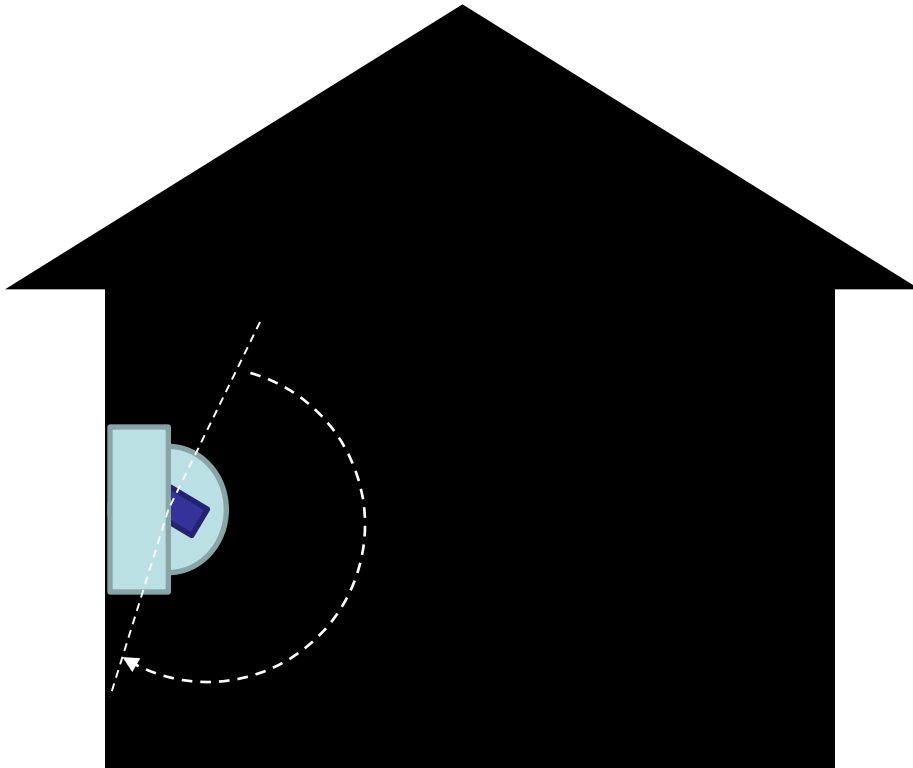
360° Surround



- **1O**
- **1P**
- **1R**
- **2P**
- **1O 3R**
- **1O 8R**

180° Panorama

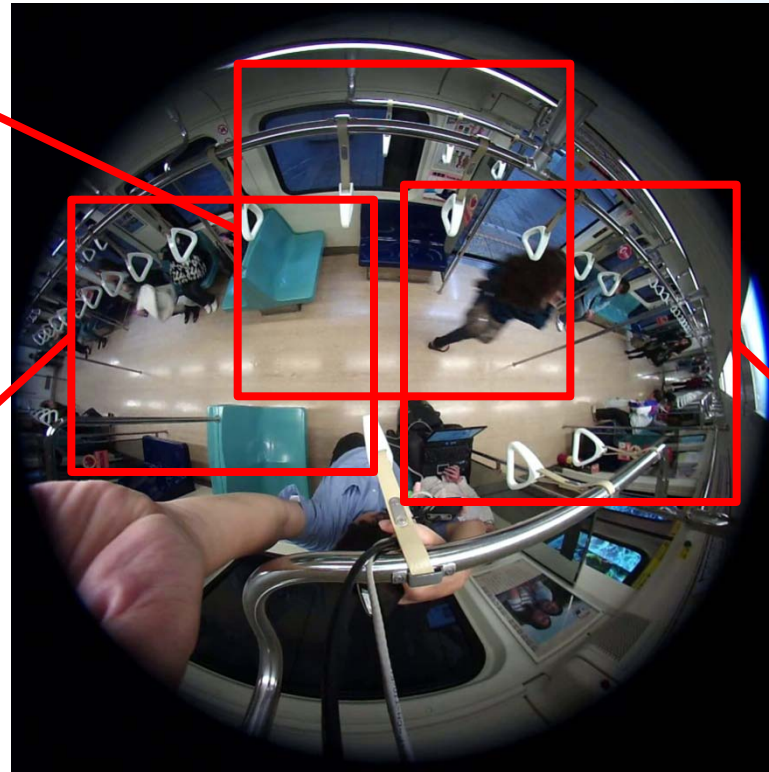
Wall mount



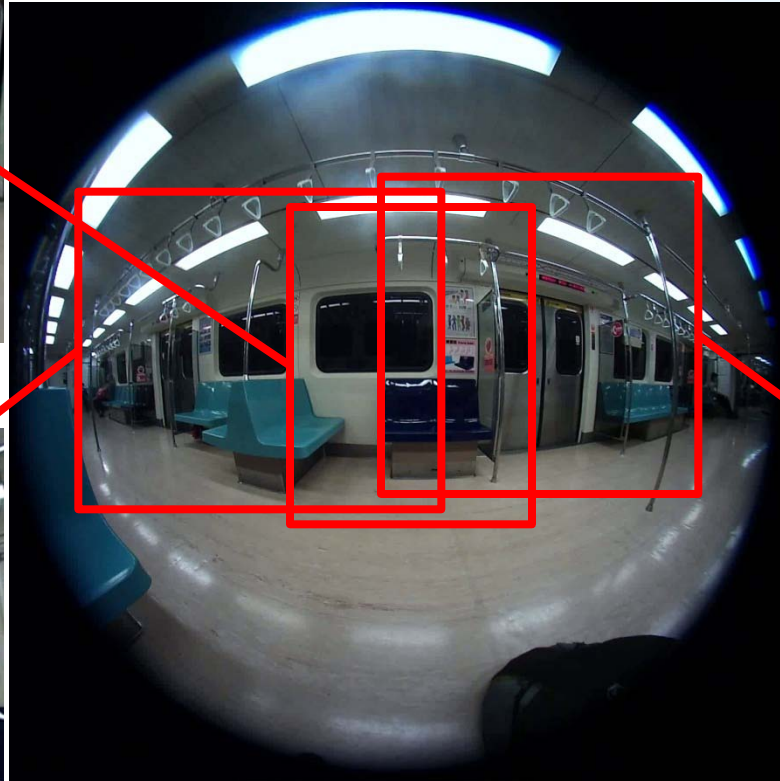
180° Panorama



- 10
- 1P
- 1R
- 1P 2R
- 10 3R
- 1P 3R
- 4R
- 10 8R



- One Installation
- Entire Area



- EN 50155
- SDXC
- Fast & precise correction



Built-in Microphone



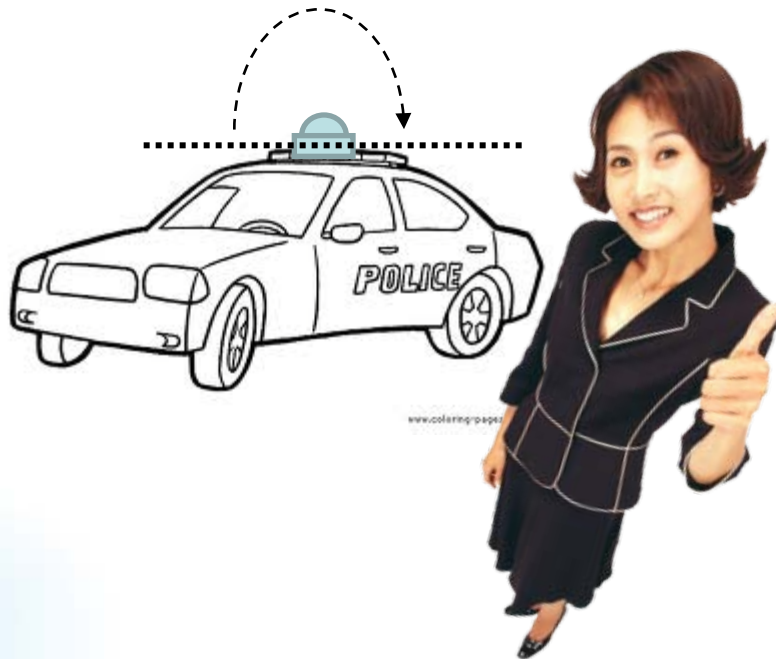
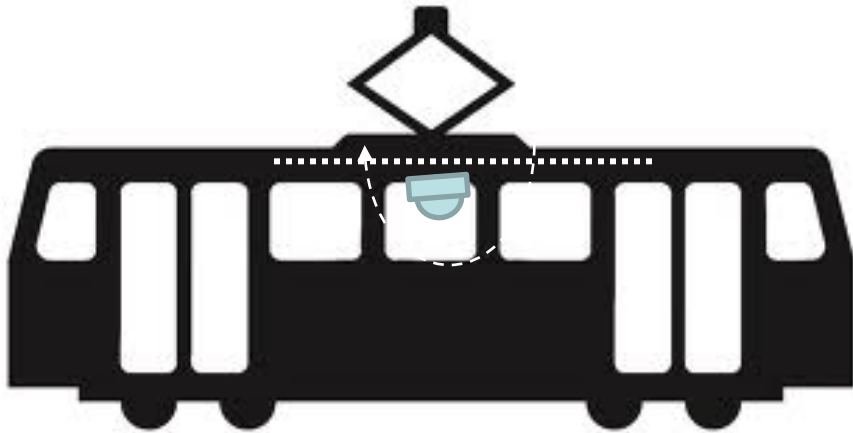
• Advantage

- Provide audio from scene

• Benefit

- Save external microphone installation cost

EN50155 certification



• Advantage

- Vibration resistant and cold start(-25 C)

• Benefit

- Mobile application

Vandal-proof



• Advantage

- IK 10 rate vandal impact resistant

• Benefit

- Make camera more robust
- More install locations

Micro SD Card



• Advantage

- Perfect match with NVR partners for
 - System redundancy
 - Seamless Recording
 - Time shift streaming

• Benefit

- Reduce recording risk by distributed recording
- Save Bandwidth
- Save NVR cost

3MP Fisheye Network Camera



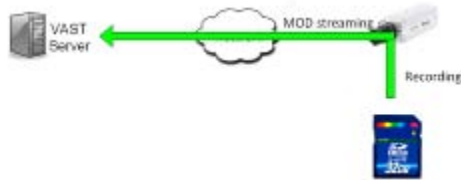
Benefits

- **Panoramic View of the Whole Surveillance Area**
- **Up to 8 VGA Cameras Cost and Installation Saving**
- **Vehicle CamVR EN50155 with Vandal Proof**
- **No Mechanical Part and Maintenance Fee**
- **Terrific Client Viewing Speed**

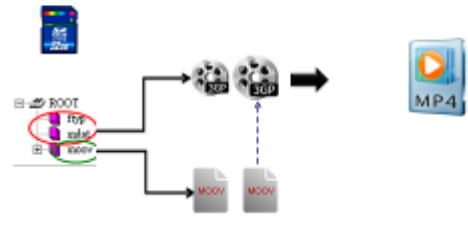


New Tech of IP Security

Seamless Recording



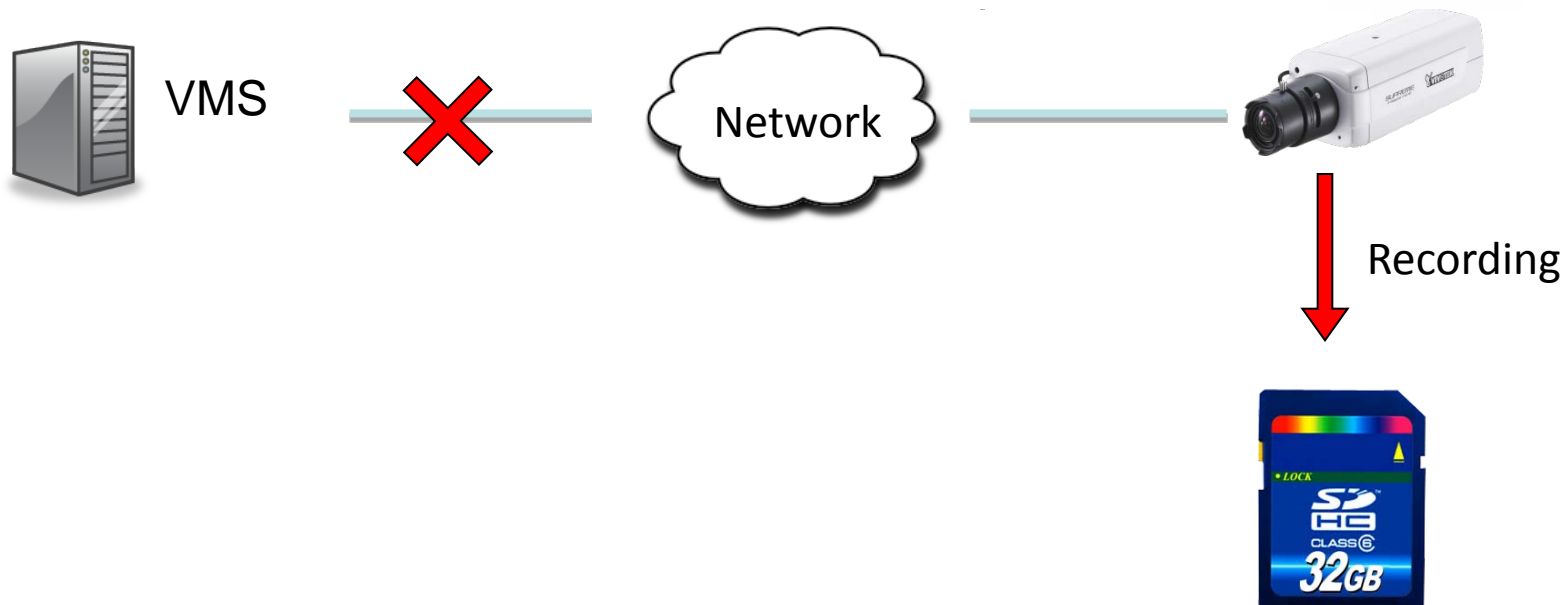
Recovery Recording



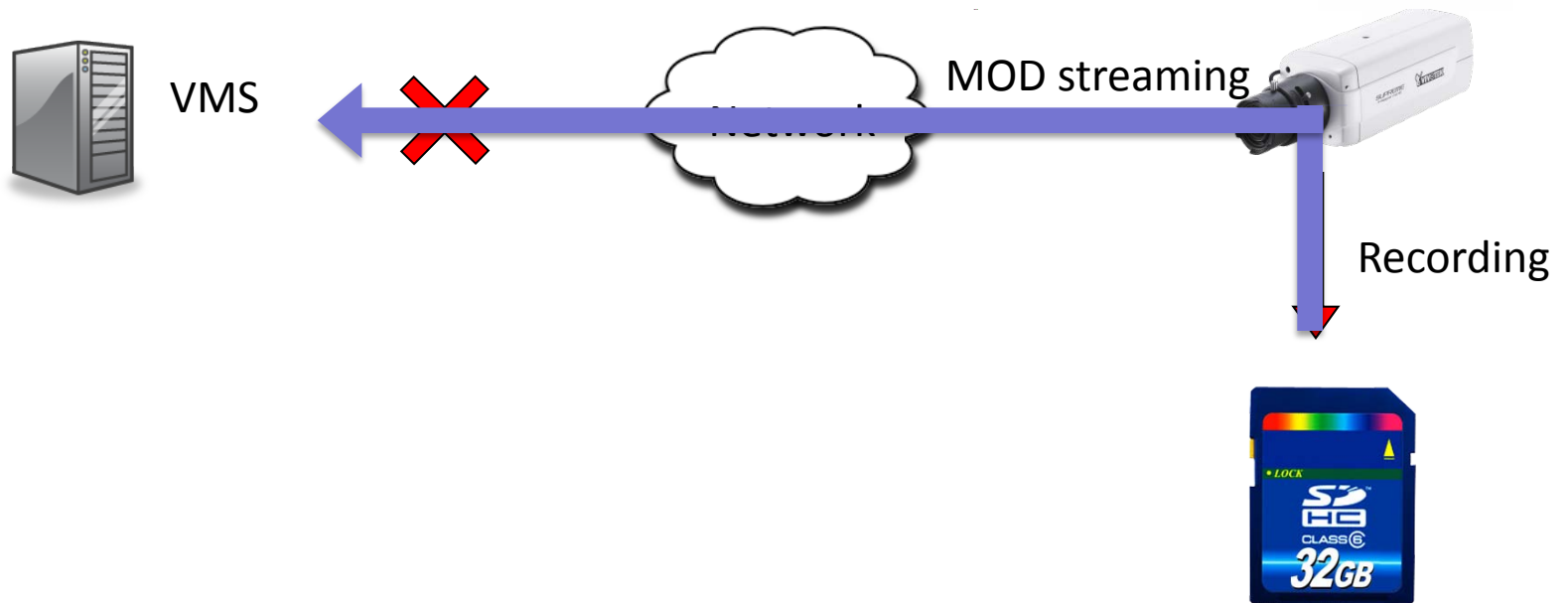
SVC



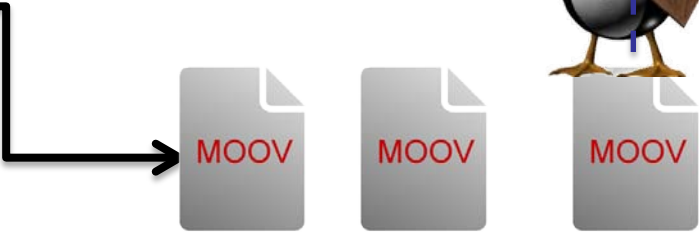
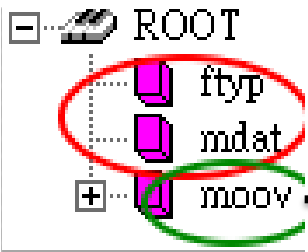
Seamless Recording



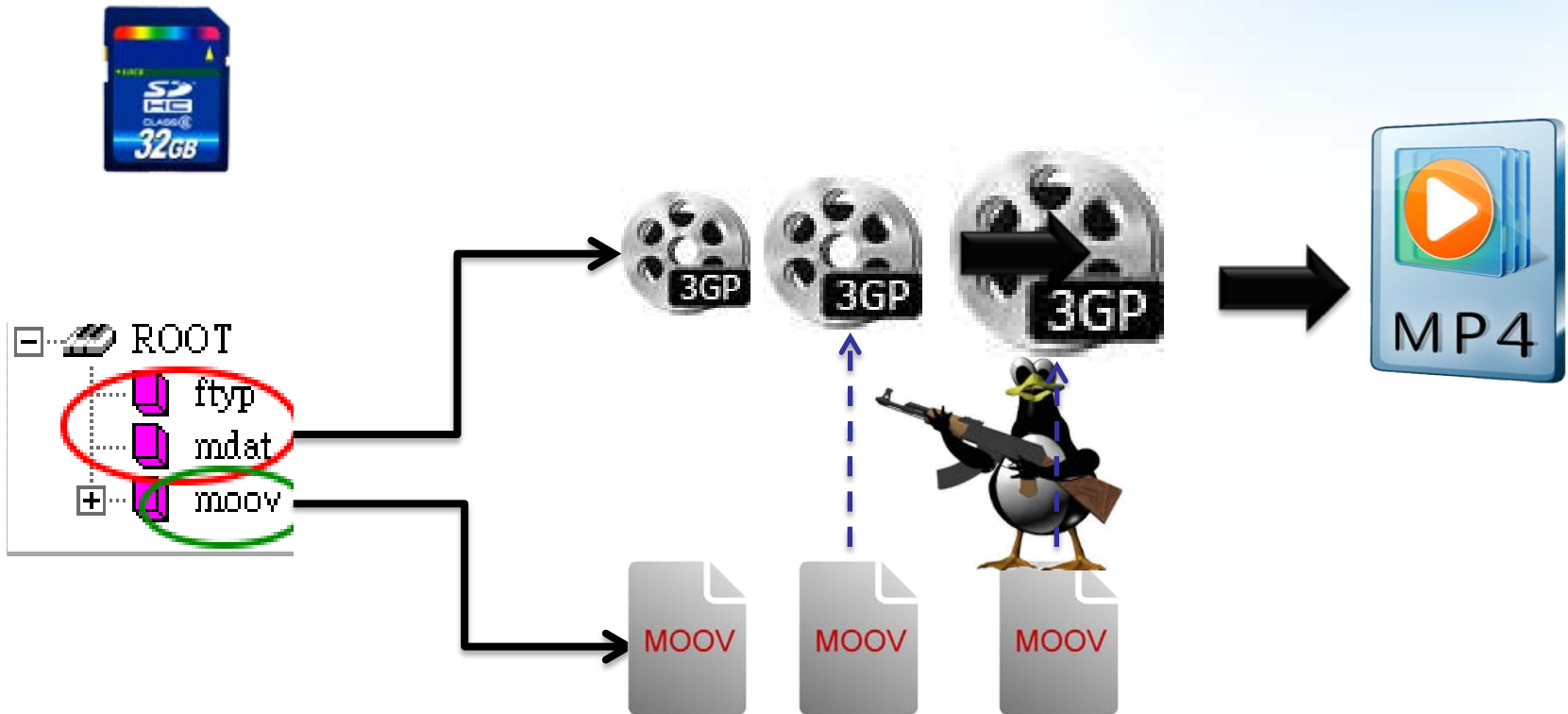
Seamless Recording



Traditional SD Recording



Recovery Recording



Seamless and Recovery Recording



Benefits

- **Keep Recording Data Safe**
- **Provide More Reliable System Architecture**
- **Easy to integrate with VMS partners**
- **Make System Seamless Recording**

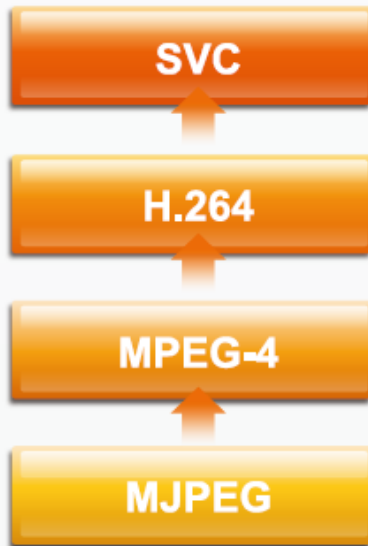
Scalable Video Codec

Frame Rate Scalability

Picture Size Scalability

Quality Scalability

The Evolution of Video Codecs



Applications



Benefits

- **Up to 70% Saving in Storage and Bandwidth**
- **Lower CPU Loading of CMS Server**
- **Instantly Adjustable Frame Rate to Match Device Capabilities**
- **Seamlessly Integrate with Available Network Devices**

VIVOTEK booth
Hall 4: F110

*Thank you
for your attention*



The End