



# Cloud Storage

Big data, Best choice



## Business Cloud Surveillance



Web-based cloud storage and video services, a new profit recourse for SIP

## Safe City Cloud Surveillance



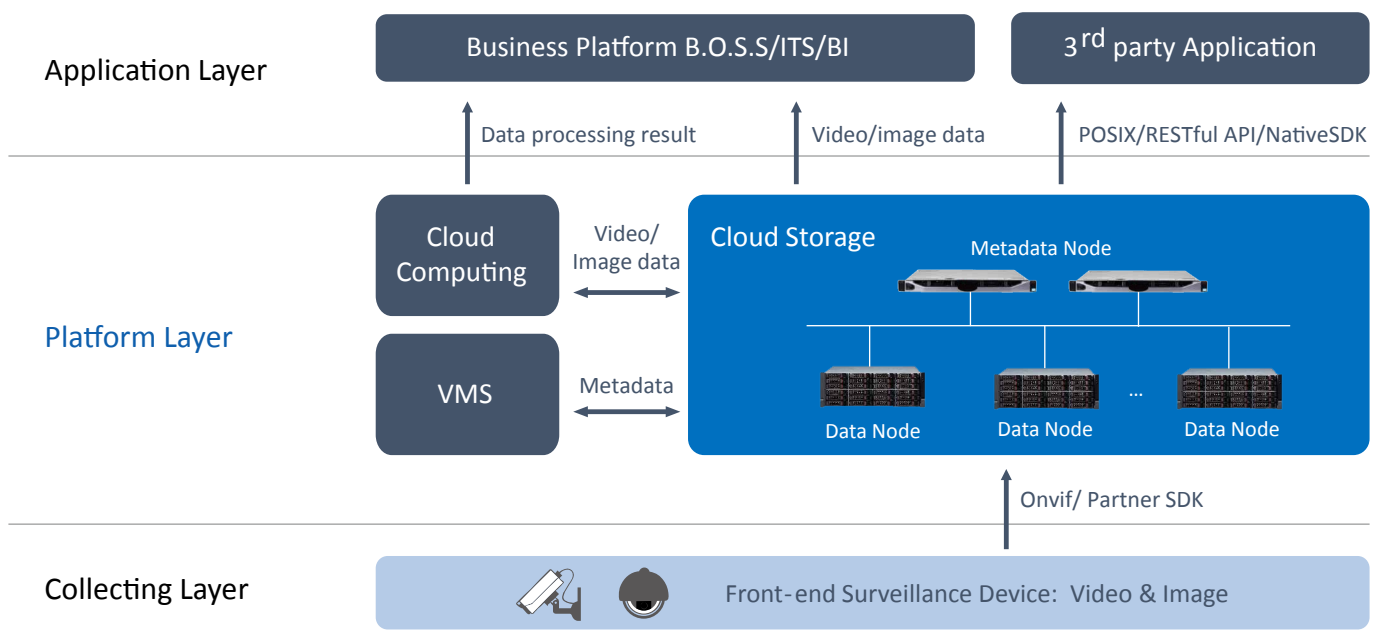
Massive storage capacity with high availability and efficiency

## Intelligent Traffic Surveillance



Combined with cloud structured analysis, enabling fast vehicle and individual targeting

## System Framework:



## Key Features:

Lanix Global cloud storage featuring an object storage architecture that delivers unparalleled performance and linear scalability, is able to meet the requirement of massive data storage and provide a fundamental platform for data mining.

### Easy for Surveillance

Store video stream directly, saving the cost for 3rd media server  
Advanced key-frame extraction technology, saving the TCO in a long term

### High Performance

Achieve full concurrent access to multiple nodes by separating between control flow and data flow, and dynamic load balancing mechanism  
High read/write performance with a minimum of 4GB/s bandwidth by 6 nodes, enhancing the capability of video analysis and data processing dramatically

### High Reliability



Achieve device-level fault tolerance by means of state-of-the-art erasure coding technology  
File-level fault tolerance, extreme recovery speed to 3TB/h

### Easy to Expand




Online capacity expansion by simply adding storage node without interrupting business running.  
Achieve linear scalability by increasing the read/write performance at the same.

## Technical Specifications:

### Metadata Server

Model	5100X	9064X
Appearance		
Form Factor	1U rack server	1U rack server
Processor	Intel Xeon E3	2x Intel Xeon E5
Memory	32GB ECC	64GB ECC
System Storage	Enterprise SATA, SAS, SSD	Enterprise SATA, SAS, SSD
Network Interface	4x 1Gb Base-T adapter	8x 1Gb Base-T adapter
Power Supply	Single power	Redundant power

### Data Node

Model	7124S	7136S	7148S
Appearance			
Form Factor	4U rack server	4U rack server	8U rack server
Processor	Intel Quad-core	Intel Quad-core	Intel Quad-core
Memory	16GB DDR3	16GB DDR3	16GB DDR3
Storage	24 x 2.5"/ 3.5" SATA, SAS Hot-swap	36 x 2.5"/ 3.5" SATA/ SAS Hot-swap	48 x 2.5"/ 3.5" SATA/ SAS Hot-swap
Network Interface	4 x 1Gb Base-T adapter; 2 x 10Gb Base-T adapter or 4 x 1Gb Base-T adapter optional; Port trunking		
Power Supply	Redundant power 200W(without disks)	Redundant power 200W(without disks)	Redundant power 200W(without disks)



# LANIX

GLOBAL TECHNOLOGY  
visual • access • intelligent