



# China Hualu High-Capacity Blu-ray Storage System

The escort of safety data

Expandable Blu-ray Disc Library

DA-BH8010

IDC level

- Reliable and highly secure
- Flexible expansion mode



Point  
1

## Data storage with high reliability

- \*Adopts special BD-R discs, the service life cycle is up to 50 years
- \*Adopts RAID6 technology to ensure data security and recoverability

Point  
2

## Energy saving with green storage

- \* Working environment does not require air conditioning, the standby power consumption is only 7W
- \* No extra retrofitting cost of storage media during 50 years

Point  
3

## Cost-saving with high capacity

- \*A disc cartridge can hold 12 pcs of 100GB Blu-ray disc, a total of 76 disc cartridges can be supported in one basic unit of library tower (total capacity of up to 91TB)
- \*1 standard rack can be equipped up to seven Blu-ray disc library tower, capacity up to 638 TB

Point  
4

## High-speed transmission and easy setup

- \* 12 Blu-ray disc drives, read and write speeds of up to 216m / s simultaneously
- \* host interface port is using 10GB Ethernet and fiber interfaces
- \* Using NAS configuration, the system is easy to build up & operate



# China Hualu Blu-ray High-Capacity Storage Systems

## Financial Industry Solution

**Electronic Imaging Platform** is an important enterprise supporting platform in the bank, it is responsible for managing unstructured data generated in the process during business process, such as vouchers images, audio and video, documents and other attachments.

### challenge

nowadays, there are number of business lines and many types of image documents accessing electronic imaging platform, including business centralized processing platform, remote authorization, GCMS global credit and other critical business systems. With the rapid development of business activity, resulting of more and more accumulated stock of historical data. It is a big challenge on managing huge number of off-line image data.

### Issue

By using a single DVD disc, small volume and low efficiency of post-data query, storage medium of a single disc is not good in safekeeping.

For Hard-drive (tape), high requirement of preservation environment, short lifespan & insecure by hardware failure. There must a need for regular data migration in every three years basically, higher running & maintenance costs

## Blu-ray Disk Library System to solve the electronic image data storage issue in financial industry

### 1 Data Lifecycle

### 2 Schedule Recording Function

### 3 Offline data query

### 4 Disk Folder Library Management

### 5 Control Management System

### 6 Offline Date Recovery

### 7 Application Monitoring Service

