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Lixin Shang, IT Manager, Wujiang City Informatization Office

## Business Profile

Company Name:  
Wujiang City Informatization Office  
(WCIO)

Headquarters:  
Wujiang City, Jiangsu, China

Industry:  
Government

Business Environment:  
• Supports the application server and data management requirements for numerous government agencies

Implementation Team:  
Vision Solutions  
WCIO

## Critical issue

Wujiang City Informatization Office (WCIO) oversees the delivery of information systems services for the local government. It requires a highly reliable and highly available IT infrastructure and reliable data backup capabilities to ensure the continuous, stable operation of local government information projects. A cost-effective disaster recovery and high availability solution was needed to protect the Wujiang Municipal Government's international information servers.

## Results

- Access to all servers can be restored immediately through failover to a mirrored backup server
- Dramatically reduces the likelihood of data loss
- Supports any application environment
- Enables WCIO to fully comply with government mandate for application availability

## Technologies

- Double-Take RecoverNow
- Double-Take Availability
- Microsoft Windows
- A wide range of often unidentified application software solutions

## Business Challenge

Wujiang City Informatization Office (WCIO), an agency of Wujiang Municipal Government, is mainly responsible for policy-making and certification for the local electronics and IT industry in Wujiang, promoting informatization of local enterprises and institutions, and integration and management for the IT systems of local government departments. It also provides its expertise in the construction of the Wujiang Citizen Card system. WCIO provides more than a dozen functions, including the operation and maintenance of local government information systems. It requires a highly reliable and highly available IT infrastructure and foolproof data backup in order to ensure the continuous, stable operation of local government information projects.



## Solution

After careful consideration, WCIO selected Vision Solutions, Inc. as its technology partner to satisfy its requirements.

Double-Take is an ideal solution for WCIO. Currently, all servers in the information center run on the Windows Operating System, as do most of the application systems of local government departments.

Due to the fact that the application systems of local government departments have their own managers, WCIO is not usually aware of what specific applications there are in each server and thus cannot take targeted backup measures. Double-Take RecoverNow can duplicate the entire system in real time and sustain off-site data backup capabilities across all the servers. Double-Take Availability can copy all the system changes to one or more servers at any location (either local or global) in real-time, and monitor system operation. If a failure occurs, it can immediately switch to the alternate environment. Therefore, even if WCIO cannot identify specific applications on their servers, Double-Take can ensure that data remains intact in order to safeguard the operation of various government application systems, including the normal operation of the Wujiang Citizen Card system.

According to Lixin Shang, WCIO IT Manager, "Double-Take provides a simple but reliable solution for users like us, so that we can achieve disaster recovery and backup even if we don't know specifically which applications are running on our servers. It is an easily deployed solution. We only need to install Double-Take Availability on our production servers and then configure Double-Take RecoverNow. No extra software is required."

### Use Double-Take Availability and Double-Take RecoverNow to ensure the normal operation of the whole system

The basic requirement of government sectors for information applications is to allow the applications to be properly shut down for two to three hours with no data loss. This is also an important indicator for the implementation of the WCIO project.

Double-Take RecoverNow achieves continuous data protection (CDP) and complete server backup and recovery. It also provides the hardware with independent and more flexible recovery options and storage optimization capabilities, in order to reduce difficulties in data backup and recovery.

Double-Take Availability can achieve failover switching quickly and with no geographical restrictions. Double-Take ensures minimal data loss, and at the same time provides high availability in case of system failure.

"Double-Take provides an affordable solution for us to ensure the safety of our data and improve system availability," according to Shang. "It not only protects the security of our systems, but also reduces procurement costs. We are very satisfied with the whole solution."



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◆ High Availability ◆ Disaster Recovery ◆ Systems and Data Management ◆