

# AIM

# stor™

## User Success Story

### Key Benefits

#### ➤ Source Dedupe

Remote repositories employ AIMstor's source side deduplication. Because only unique data is transmitted and stored, and the work load on your network and primary systems is drastically reduced.

#### ➤ Secure Encryption

When working over unsecured network, AIMstor employs SSL with AES-256 encryption providing commercial strength security.

#### ➤ Scheduled Bandwidth Throttling

Scheduled bandwidth throttling can be configured allowing your WAN network connections to be heavily throttled during peak hours but the bandwidth opened up during off-peak hours.

#### ➤ Fault Tolerant

AIMstor's distributed architecture allows for loss of connection between the remote office and the controlling node ensuring that local backups continue without interruption.



## +500 Workstation Live Backup from Remote Offices

### Beijing Quarantine Bureau

Beijing Entry & Exit Inspection & Quarantine Bureau (BJCIQ) had a problem typical in fast growing city governments: Slow line speeds throughout their private network, and even slower speeds on unsecured public networks.



BJCIQ needed something that could manage and send data over unsecured lines, and still produce the best possible system and file recovery, together with searchable file archive for government mandated compliance.

<http://www.bjciq.gov.cn>

If you can imagine hundreds of workstations at 5 different offices around one of the largest cities in the world, all updating their file systems with time sensitive data critical to government import and export of products, and the entry/exit of visitors and immigration of citizens from around the world, then you have an idea of the problems BJCIQ was facing.

### Critical Issues

Very sensitive data related to the quarantine of people and cargo at key ports around mainland China. The need for real-time data protection was thought impossible due to the low bandwidth networks. BJCIQ was suffering from nightly failed backups at various locations.

### The Fix

#### Live Backups and Versions from Desktop to Central Backup Site

Using AIMstor, the central authority manages all backup and archive policies, then pushes it out to user desktops at locations connected via WAN or public network VPN. BJCIQ workers can now recover files and folders, and easily search for specific files based on a wide range of search criteria from the central AIMstor Repository.

#### Workflow for Data and Protection

BJCIQ originally contacted Cofio because of AIMstor's Workflow User Interface. With so many client desktops, it was important to be able to group them together, and change things easily for all +500 workstations. If they needed to change the type of data they wanted to target for certain levels of protection, such as a one-minute recovery point, or eliminate certain files types, such as multi-media, AIMstor would update the policy too hundreds of machines, in seconds.

#### Fast RPO, Easy File Archive, Easy Restore

BJCIQ now has Zero-Window Backup capability. AIMstor's byte-change-detection and real-time transfers allows them to avoid backup scans and system slow-down. Users can use the restore window for file searches and restore of not just files, but file versions, with timelines and file system views as well.

### Today

BJCIQ now spends approximately 90% less time managing backups and restores than they did prior to AIMstor. AIMstor from Cofio has markedly improved time availability for the IT Department, and increased file restores to users from a 4 hour average before AIMstor, to an average of 1 or 2 minutes today