



## CONNECTING THE DOTS FOR INNOVATION

### CloudNAS Empowers Techpoint to Share Files and Collaborate Between Offices

Techpoint is a publicly listed fabless semiconductor company developing high-definition (HD) video technology for video surveillance systems and automotive infotainment systems. With design centers at multiple US locations, as well as offices in Japan, China, Taiwan, and Korea, Techpoint has become one of the leaders in its target market.

#### At a Glance



**Industry:**  
Semi-conductor



**In Business:**  
Since 2012



**Employees:**  
70



**Customer:**  
Since 2017



**Locations:**  
San Jose, California  
San Diego, California  
Shenzhen, China  
Tokyo, Japan  
Seoul, Korea

## The Growing Enterprise

According to market research and analysis, the global video surveillance market will be \$75 billion by the year 2022 with high-definition video being its fastest growing segment. The IC industry is an important part of the total supply chain as it provides the underlying hardware and software for image capture and transmission.

Techpoint started with a core team in San Jose, California. As business developed, a geographically distributed organization was quickly established in the US and Asia with R&D, Engineering, Operations, and Sales functions.



## Multiple-Office Collaboration

The company now has multiple offices across different countries. There is an increasing amount of communication and collaboration among teams. Sharing the digital assets – design files, testing and engineering documents – in a managed and secure environment is critical. Furthermore, there is often a need to share contents with external teams and partners. The large file sizes generated by high-definition video and the nature of distributed teams makes file sharing and collaboration a real challenge.

## Backup and Disaster Recovery

As an underlying hardware platform provider, Techpoint works with a number of world-class manufactures and system integrators. Data backup and disaster recovery (DR) plays a very important part in certification and regulatory compliance, keeping Techpoint a qualified supplier to these partners. Currently the IT staff perform D2D2D backup and take the USB disk offsite for disaster recovery purposes. It's a time consuming and human-driven process.



## Making It Work

After comparing several solutions on features, performance, and cost, Techpoint selected Morro Data CloudNAS and deployed it in three office locations. User adoption was straightforward with Active Directory and there is no training needed for the familiar NAS interface. Users in remote offices can now share files and collaborate between design teams and departments. At the same time, all files are safely kept in the cloud requiring minimal IT maintenance.

Protecting intellectual properties is a high priority for any IC manufacturer. Aside from Active Directory, CloudNAS provides location-based access permission regulating access depending on which office a user is located and whether the user is on- or off-premises.

Techpoint also replaced their old multi-step on-prem and offsite backups by writing scripts to backup to CloudNAS for offsite backup. Thanks to the cloud-first storage architecture and the Cache and Sync technology, CloudNAS greatly simplifies the backup and archive effort with much improved access and recovery speed.

## An ideal solution for Techpoint will provide:

1. Global access to centralized data in the cloud.
2. Good performance for accessing large files.
3. Offsite backup for DR and regulatory compliance.
4. Simple deployment and ease of use.
5. Security, reliability, and scalability.
6. Ease of deployment to new sites.
7. Cloud-based management.

## The Result

Techpoint is very pleased with the solution and performance of CloudNAS. The company plans to deploy CloudNAS to all corporate sites to continue the data migration to the cloud.

Jim Yeh, Techpoint's IT Director, explains: "We are a disruptive technology company offering the most innovative video solution. When implementing the IT infrastructure, we need something innovative too so that we do more with less. The Techpoint workload is a typical distributed enterprise. We need the enterprise class solution without the enterprise cost and management overhead. So far, we are happy with Morro Data. That is connecting the dots of innovation."

*"Do MORE with LESS. We need an enterprise solution with a SMB cost."*

*Jim Yeh,  
IT Director of Techpoint*

