

# Government & Public Sector

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## Introduction

With limited IT budgets, many government agencies have to compromise on their storage deployments for low cost. This often results in storage environments characterized by low utilization, poor protection, and complicated management. In the long term, wasted resources defeat the original purpose of controlling cost.

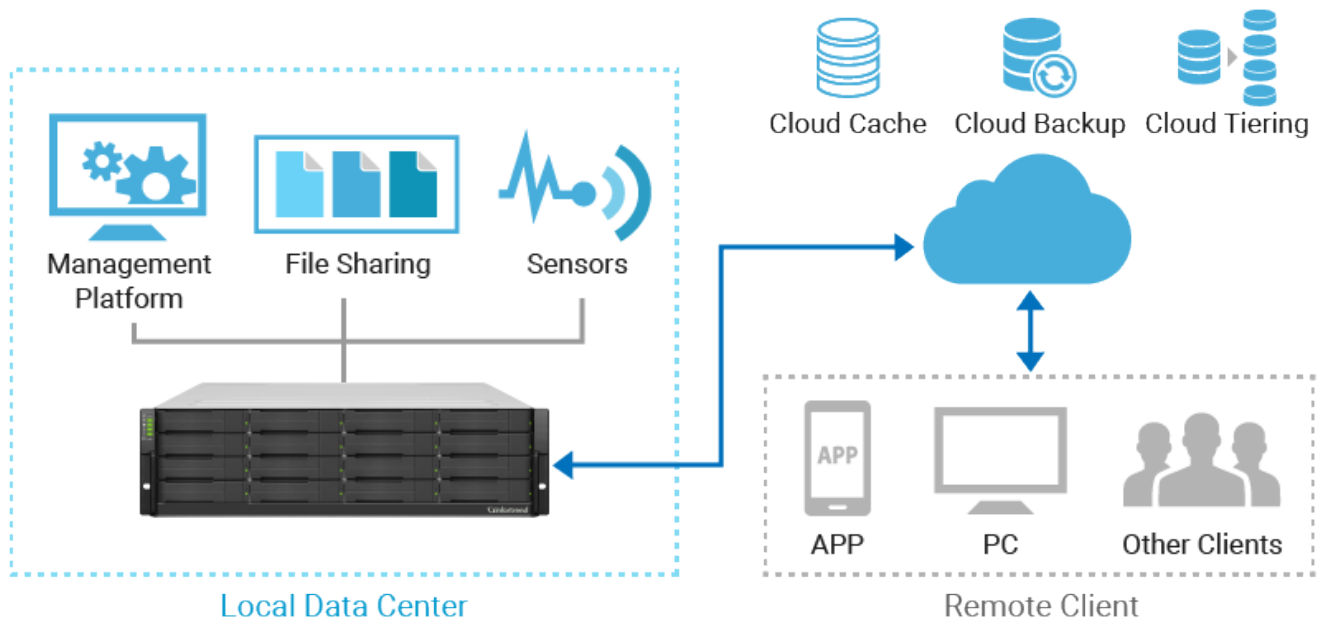
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## Solutions

### Hybrid Cloud Storage for Government Institutions and Agencies

Government agencies now deploy more technologies as part of a new smart city or IoT initiatives, such as air-quality sensors or surveillance cameras. All that data needs to be stored somewhere. Simultaneously, the agencies are trying to consolidate and optimize their data centers. The cloud can help on both of those fronts.

- Maintaining compatibility with the existing IT environment and offers cloud data access to both file and block-level using common protocols
- Fully customizable storage policies for the local and cloud storage on a hybrid cloud infrastructure
- Speed-up cloud access by designating the local storage as cache
- Enables local data to take periodic snapshots to the cloud for remote backup
- Full encryption for cloud storage and network transfer, supports AES-256 encryption and self-encrypting drives (SED) to protect from malicious attacks and prevent data leak of the confidential government data



## Related Products

# Streamline Government File Sharing and Backup

Infortrend bases its storage solutions on flexible, easy-to-manage and high-availability platforms to achieve significant cost savings with IT efficiency. Infortrend storage systems are the ideal solution for government organizations to leverage their information assets and meet growing data demand.

EonStor GS and GSe Pro Families are versatile Unified Storage solutions that can easily integrate with existing IT infrastructure. Sharing files via CIFS/NFS/AFP/FTP protocols via high speed Ethernet (25GbE/10GbE) streamlines IT deployment to link all departments. PB-level expansion capability with expansion enclosure meets demand for the data growth of the present and future. EonStor GS and GSe Pro Families are the ideal file sharing and backup storage solution for the government and public sector institutions.

### Transmission

- Streamline file sharing via CIFS/NFS/AFP/FTP protocol support
- Support high speed Ethernet 25GbE/10GbE host board options

### Data Storage

- Support PB-level capacity
- High density expansion enclosure to save physical space
- Support SAS and SSD/HDD drive options for both performance and budgetary considerations

### Availability

- Intelligent Drive Recovery (IDR) to prevent data loss
- Remove replication/ Rsync for disaster recovery

EonStor GS

EonStor GSe Pro

## Infotrend Advantages



### High-availability Redundant Design

Minimizes service disruptions caused by natural disasters or human errors.



### Centralize Storage Management

Increase storage allocation flexibility, and maximize utilization.



### High-density

Optimize data center footprint and raise energy efficiency.



### Cloud Connectivity

Future-proof capacity expansion and backup via cloud.



### Expand as You Grow

Upgrade capacity and performance with variety of expansion options.

## Success Stories

### Infotrend assists in the Informatization of Peng'an People's Government of Sichuan (SuccessStories/Content/69)

#### Organization

Peng'an People's Government

#### Challenges

- Rapid growth of data requires replacement of old storage device for a new one
- Requires a running system with no down time
- Non-confidential data needs to be deployed to the cloud as per government policies



(SuccessStories/Content/69)



(SuccessStories/Content/67)

## Infotrend Storage Supports 24/7 Non-stop Operation of 2,500+ CCTV Cameras for Seoul Gwanak-Gu District (SuccessStories/Content/67)

### Organization

The Office of Gwanak-Gu, second most populated district of Seoul

### Challenges

- Limited rack space
- Storage bay connection cable complexity
- Reliable data store in virtualization
- Support for 24/7 non-stop surveillance operation

[View All](#)

## Related Information



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### Application Notes

Overview of the EonCloud Gateway and recommendation for the best configuration in different application scenarios

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### Application Notes

Guide to setup EonStor GS systems with hybrid storage configurations

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### White Papers

EonStor GS best practices for installation and configuration of to meet customer performance and availability requirements

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## Empower Your Data with Future-Proof Solutions

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