

# INFRASTRUCTURE FOR DISTRIBUTED IT IN GOVERNMENT



## OVERVIEW

### Supporting IT Outside the Data Center

With the need for increased connectivity and faster content delivery, distributed IT is growing across all levels of government. These systems are often supporting critical applications and services, but are operating in spaces not designed for IT and without on-site technical expertise.

Ensuring the reliability of distributed IT requires the right support. Support in terms of the IT infrastructure that allows your network to run uninterrupted, securely and with remote visibility. And support from a team of specialists to help you configure, start-up and maintain the systems your network depends on.



## Simplifying Deployment, Availability and Management

Vertiv critical infrastructure and services enable virtually any space to be transformed into a micro data center that can be deployed quickly, achieve high availability and enable simple, worry-free management. We accomplish this through:

- Integrated, pre-configured infrastructure that brings “plug-and-play” convenience to small spaces and edge locations
- Compact and reliable small space infrastructure that enables power protection and thermal management to be tailored to space and uptime requirements
- Remote monitoring and LIFE™ Services that provide visibility into IT asset performance
- Deployment, emergency and maintenance services that ensure consistent, reliable performance without dedicated on-site technical expertise



## Vertiv Public Sector Solutions

Whether you need help modernizing your critical spaces, ensuring your agency is guarding against cyber intrusion at the desktop, navigating E-Rate for education funding or ensuring your 911 call center is always available, Vertiv can help you. With our power, thermal, management, services and monitoring solutions Vertiv keeps always-on environments in state and local government, federal agencies and schools available.

## Solutions And Services That Simplify Edge Deployments

### Success Story: Virginia County Relies on Vertiv™ UPS and LIFE™ Services for Emergency Communications

#### Need

Degrading performance from an aging UPS system was threatening the reliability of this county's life-critical emergency communications service, which serves as the conduit between the public and first responders.

#### Solution

Working with their Vertiv local business partner, the county deployed a 40 kVA Liebert® EXM™ UPS with an optimized maintenance bypass and battery cabinet to protect emergency communications systems. The Liebert EXM provides efficient and economical operation through a compact design that can be configured for scalability and redundancy. The UPS is equipped with the Liebert IS-Unity card and protected by Vertiv LIFE Services, which provide continuous monitoring and data analysis by remote system engineers, as well as preventive maintenance and emergency response services.

#### Outcome

The county is now experiencing reliable power performance in their critical telecom, radio and workstations equipment, withstanding potentially disruptive weather patterns and electrical disturbances without a hitch. Remote services, quarterly performance reports and proactive support enhance system availability and free up internal resources.

### Success Story: Local Government Increases IT Reliability with Vertiv Small Space Cooling

#### Need

A local government supporting about 190,000 residents was experiencing frequent heat-related alarms in its two rack data center. The space was cooled by four comfort-cooling units, which were unable to effectively remove the heat generated by IT systems.

#### Solution

When it was time to add new equipment to the space, the IT Director knew he couldn't push the comfort units any further, and there wasn't any room to add another unit. Instead, he added a Liebert CRV™ in-row cooling unit to operate in place of the four comfort units. IT equipment spread across the two racks was consolidated in a single rack with the Liebert CRV occupying the space of the second rack. This also simplified installation, as the comfort units did not need to be ripped out to accommodate the Liebert CRV, but were kept in place for redundancy and future scalability.

#### Outcome

The city was able to solve its cooling problem and expand room capacity with minimal disruption. The new units are also more efficient than the old cooling system, lowering energy costs.

Vertiv, combines the entrepreneurial spirit of a startup with the resources and experience of an industry leader. We offer a complete portfolio of solutions for small spaces, supported by more than 255 service centers, 3,000 service field engineers and 400 technical support/response people.

While the name may be new, our solutions – including Chloride®, Liebert®, NetSure® and Trellis™ technologies—have proven themselves over millions of operating hours in some of the world's most critical applications.

For more information on Vertiv solutions for government visit [Vertiv.com/government](https://www.vertiv.com/government) or talk to your local Vertiv business partner.