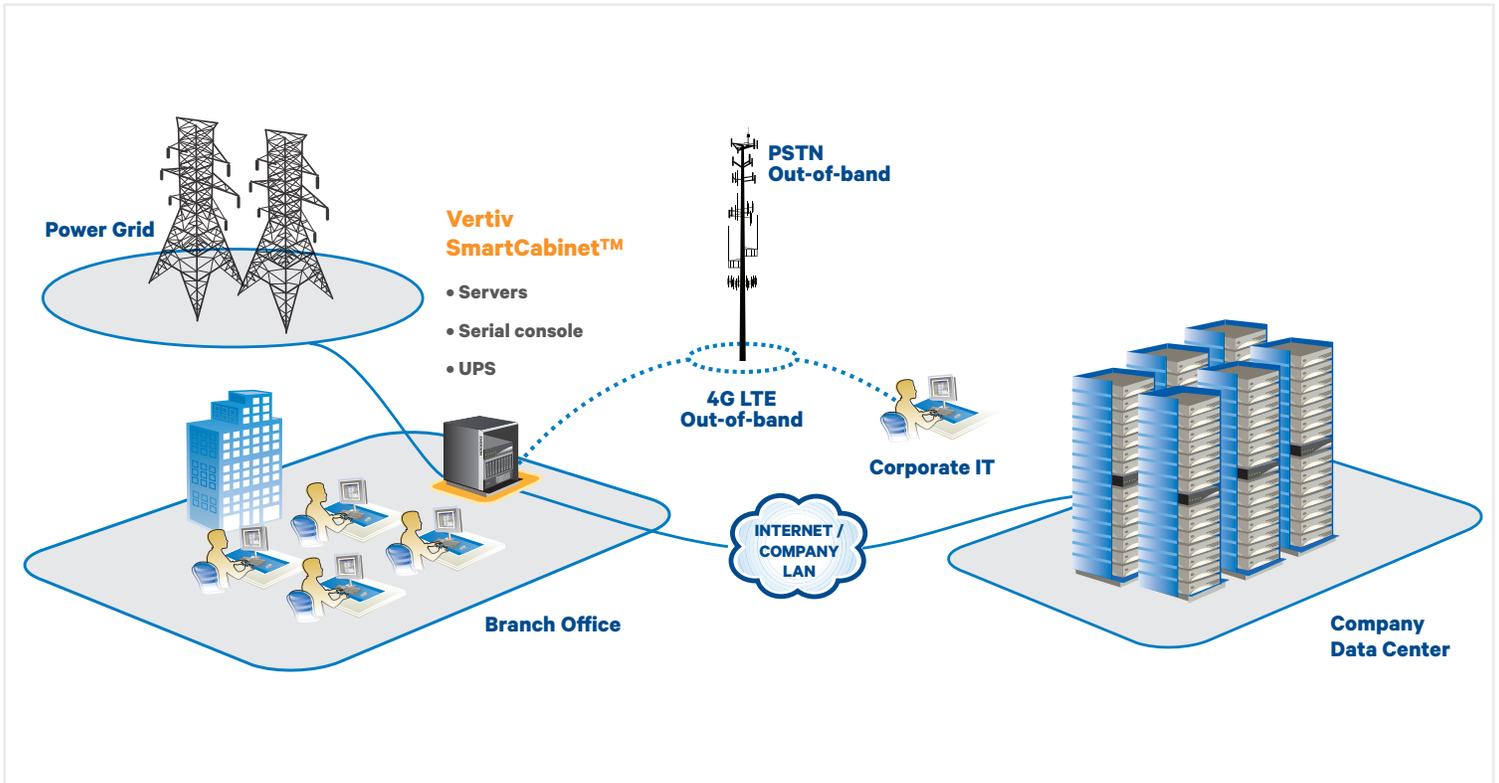# VERTIV™ SMARTCABINET™ FOR DELL VRTX

A Vertiv Application Brief

DISCONTINUED

VERTIV

Problem

In the last five years, the "cloud" has been the key buzzword and has caused significant workload to be shifted from local data centers to distributed data center infrastructure. This trend has helped identify a number of IT workloads that should not be removed from the local environment in order to provide the end customer the best experience possible. These include rapid access to customer records and network health-independent point of sale (POS) to keep the office, branch or store's core functions operating at peak efficiency.

The Dell VRTX has provided a revolutionary computing platform for specifically these "edge of the network" environments in a compact and efficient form factor. The Dell VRTX is designed to help standardize branches to one computing platform to reduce complexity and costs. This is but one of the components leading to significant complexities in branch environments. Yet it does not address the complexity of the supporting IT infrastructure nor does it reduce infrastructure maintenance visits and troubleshooting to remote branches.

Solution

Many of today's business applications require low latency connections to their users in order to function efficiently. These types of applications may include POS, inventory management and other systems that host branch or office-specific task and infrastructure. Yet, while the infrastructure functions at its best being deployed close to the user, it is vital for IT to be able to efficiently manage it.
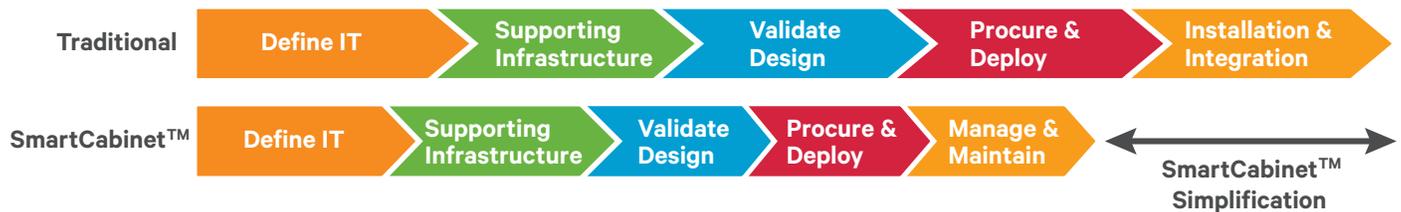
The SmartCabinet™ provides an easy-to-deploy standardized infrastructure and management framework that allows IT to quickly deploy and provision new infrastructure in a standardized and secure manner. The SmartCabinet™ allows virtually all IT maintenance and configuration tasks to be conducted remotely, eliminating travel expenses, significantly improving Mean Time

To Repair (MTTR) in an outage situation and providing seamless business continuity at the branch level.

The standardization aspects of the SmartCabinet™ allow IT and its contractors to reduce the inventory of spare UPS batteries and other serviceable items or, with Vertiv's Remote Monitoring, monitor the UPS battery health and dispatch service techs to provide assistance or replace batteries as needed.

The Avocent® Remote Presence capabilities built into the SmartCabinet™ provide IT with remote BIOS-level and VMedia access to install, maintain and troubleshoot applications or operating systems remotely. In case of a server crash, IT admins can power cycle servers remotely, quickly assess and troubleshoot applications and equipment at the BIOS- or operating system-level without having to travel to the site.

Deployment Time Savings

Traditional	Define IT	Supporting Infrastructure	Validate Design	Procure & Deploy	Installation & Integration
SmartCabinet™	Define IT	Supporting Infrastructure	Validate Design	Procure & Deploy	Manage & Maintain

SmartCabinet™ Simplification