Nothing seems to grow faster than the need for storage. Few in the world of IT would argue otherwise. With IoT, image, and video objects feeding "big data" analytics systems, that growth curve can be steep as new systems are placed online. Dell Technologies has engineered its latest storage server, the PowerEdge XE7100 with a focus on high-density, high-capacity storage customers.

Greater Drive Capacity

The cornerstone of storage scalability, naturally, is drive capacity. The PowerEdge XE7100 fits into a standard-depth rack. Compared to a leading competitor’s offering:

- 67% more drive capacity
- 33% more drives per rack

More Efficient Use of Space

There are several key efficiency characteristics of the PowerEdge XE7100 that are demonstrably more efficient than a leading competitor.

- 20% fewer units per rack
- 50% fewer cables per unit
- 60% fewer cables per rack

Better Power Provisioning

Efficiency is further enhanced by virtue of the differences in power supply size and count.

- 25% less power provisioned per unit
- 40% less power provisioned per rack

Flexibility & Manageability

The Dell EMC solution offers two different server sled options each of which can be further customized for a particular storage application.

Manageability is enhanced by iDRAC9 which improves scalability and efficiency with telemetry streaming.