

ScaleMP and Dell delivers an effective alternative to proprietary, costly symmetric multiprocessing (SMP) systems. Its vSMP Foundation software aggregates the power of multiple commodity x86 servers into one larger virtual SMP.

This proven solution provides customers in industries such as energy, higher-education & research, life sciences, manufacturing and finance with computational horsepower for the most demanding applications and workloads, and dramatically lowers TCO.

### vSMP Foundation Aggregation Platform benefits

- **Exceptional scalability.** Up to 32,768 CPUs and 256 TB RAM running a single OS
- **Easy management.** One OS for a complete application cluster eliminates multi-OS deployment
- **Elastic computing.** Large-compute and large memory (SMP) VM, provisioned on demand

### vSMP Foundation Product Line

#### vSMP Foundation for SMP:

Cost-effective, modular software-based SMP solution  
The alternative to proprietary systems

#### vSMP Foundation for Cluster:

Virtualize clusters into one, uncluttered system  
The alternative to complex cluster-management solutions

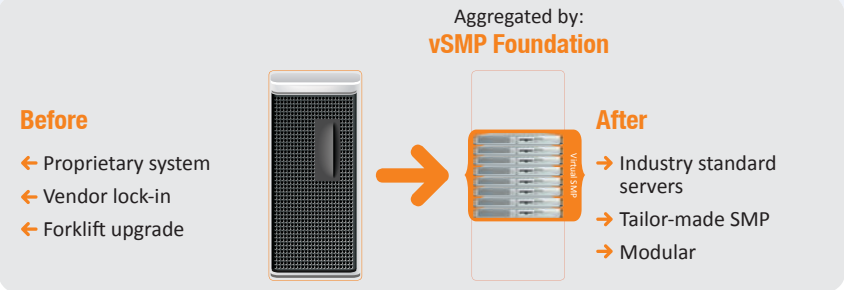
#### vSMP Foundation for Cloud:

On-demand SMP  
The alternative to legacy HPC datacenter architecture

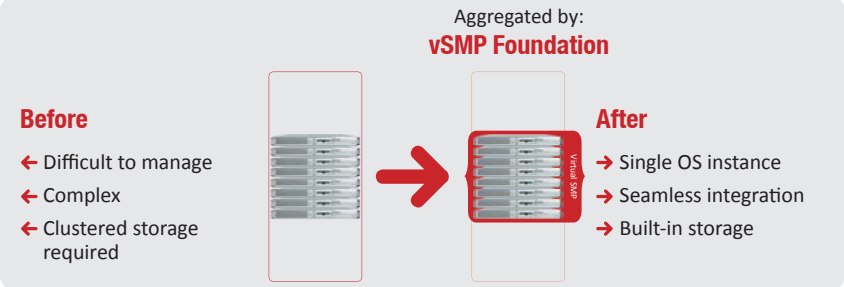
### Supported Dell Hardware

- PowerEdge C Servers: C2100, C6100, C6145, C6220
- PowerEdge Blade Servers: M600, M610, M710
- PowerEdge Rack Servers: R410, R610, R620, R710, R720xd, R910

### Single System with Unlimited Scalability



### Simplified Management Using One OS



### On-demand Computing Using Single Infrastructure

