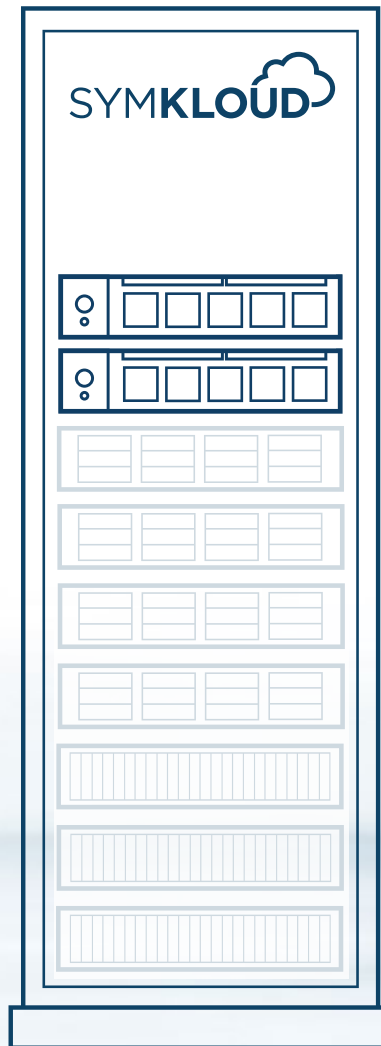


SIGNIFICANT  
OPEX SAVINGS



SOLVES SPACE  
CONSTRAINT  
CHALLENGES



SYMKLOUD SERIES  
OF CONVERGED  
INFRASTRUCTURE  
PLATFORMS

SEAMLESS CLUSTER  
MANAGEMENT  
AND SCALABILITY



## **SYMKLOUD MS2900 MEDIA FULLY INTEGRATED CLOUD COMPUTING PLATFORM FOR DEPLOYING WEB-BASED INFRASTRUCTURE APPLICATIONS**

- ▶ DESIGNED FROM THE GROUND UP TO INTEGRATE SWITCHING, LOAD BALANCING AND PROCESSING IN A 3-IN-1 MODULAR APPROACH
- ▶ POWER EFFICIENCY FOR SIGNIFICANT OPEX SAVINGS
- ▶ SIMPLIFIED 1-CLICK UPDATES
- ▶ SEAMLESS CLUSTER AND RACK SCALABILITY
- ▶ DESIGNED FOR IPTV, CABLE, CLOUD AND MOBILE CLOUD SERVICE PROVIDERS TO INTRODUCE NEW APPLICATIONS USED FOR MOBILE AND FIXED VIDEO TRANSCODING, UNIFIED COMMUNICATIONS AND VIDEO SURVEILLANCE AS A SERVICE (VSAAS)

POSSIBILITIES START HERE





SYMKLOUD commercial-off-the-shelf x86 (COTS) platforms for carrier clouds, content delivery networks, hosting and cloud (XaaS) provider infrastructure. Massively scale VNF, edge data center, and video/OTT/broadcast workloads.

DESIGNED FOR IPTV, CABLE, CLOUD AND MOBILE CLOUD SERVICE PROVIDERS TO INTRODUCE NEW APPLICATIONS

#### 42U RACK CONFIGURATIONS

<b>Cluster</b>	Supports 8 platforms per cluster or 2.5 clusters per 42U
<b>Processor</b>	Up to 186 multicore CPUs per 42U
<b>Load Balancing</b>	Employs one or two subsystems (redundant) per cluster
<b>Up to L7 Switching</b>	2x to 4x Fewer Fiber / Copper Cables



#### TECHNICAL INFORMATION

<b>Hardware Platform</b>	<p>Ruggedized Modular Platform design:</p> <ul style="list-style-type: none"> <li>2U height, 21 inches deep;</li> <li>Up to 9 hot-swappable subsystems;</li> <li>Up to 2 hot-swappable load balancing between subsystems;</li> <li>Single or redundant hot-swappable switches;</li> <li>Single or redundant management ports;</li> <li>HDD and SSD 2.5" storage options; up to 13.5 TB and more with future options</li> <li>Hot swap, redundant fans;</li> <li>Front to back cooling;</li> <li>Dual redundant 1100W AC or DC Hot Swap Power Supplies; 80 PLUS® silver or better efficiency</li> </ul>
<b>Processor</b>	Up to 9x Intel® Xeon® E3-1265 Lv2 Quad-Core, with a total of 256 GByte of Dual-Channel DDR3 memory
<b>Management</b>	1-Click Web GUI platform management; Integrated BMC (iBMC) with advanced options; Support for SNMP and IPMI 2.0; dedicated system manager; and remote management for diagnostics and provisioning
<b>Switching Infrastructure</b>	2 hot swap switches: Active-Active or Active-Standby; High uplink capacity 4x 10 GbE SFP+ (front or rear) and 8x 1 GbE ports RJ-45
<b>Software</b>	<p><b>Load balancing:</b></p> <p>Improves application responsiveness by distributing application workloads evenly across servers; Supports SSL Offload, Compression and HTTP Multiplexing, thus reducing latency, accelerating page loads and lowering bandwidth cost; Supports virtualization management and for high availability environments; VLB Basic and Advanced</p> <p><b>OS, Hypervisors and Middleware Support:</b></p> <p>Various options available as part of integration services</p>
<b>Support</b>	Product life cycle support (5-7 years)
<b>Compliance/Regulatory</b>	Designed to meet the following environmental, safety and EMC requirements: EN 300 019; Telcordia GR-63; Telcordia SR-3580 level 3; Telcordia GR-1089; EN 300 386; EN / CSA 60950-1; FCC PART 15



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MAXIMIZE RACK SPACE  
SCALE CLUSTERS/RACKS  
EFFICIENTLY SAVE ENERGY  
COSTS ON IT/INFRASTRUCTURE  
SIMPLIFY PLATFORM MANAGEMENT

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