SYMKLOUD SERIES OF CONVERGED INFRASTRUCTURE PLATFORMS

SIGNIFICANT OPEX SAVINGS

SOLVES SPACE CONSTRAINT CHALLENGES

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)
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.

42U RACK CONFIGURATIONS

| Cluster | Supports 8 platforms per cluster or 2.5 clusters per 42U |
| Processor | Up to 96 multicore CPUs per 42U |
| Load Balancing | Employs one or two subsystems (redundant) per cluster |
| Up to L7 Switching | 2x to 4x Fewer Fiber / Copper Cables |

TECHNICAL INFORMATION

Hardware Platform
- Ruggedized Modular Platform design:
  - 2U height, 21 inches deep;
  - Up to 9 hot-swappable subsystems;
  - Up to 2 hot-swappable load balancing between subsystems;
  - Single or redundant hot-swappable switches;
  - Single or redundant management ports;
  - HDD and SSD 2.5" storage options; up to 13.5 TB and more with future options;
  - Hot swap, redundant fans;
  - Front to back cooling:
    - Dual redundant 1100W AC or DC Hot Swap Power Supplies; 80 PLUS® silver or better efficiency

Processor Management
- Up to 9x Intel® Xeon® E3-1265 Lv2 Quad-Core, with a total of 256 GByte of Dual-Channel DDR3 memory
- 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

Switching Infrastructure
- 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

Software
- Load balancing:
  - Improves application responsiveness by distributing application workloads evenly across servers; Supports SSL Offload, Compression and HTTP Multiplexing, thus reducing page loads and lowering bandwidth cost; Supports virtualization management and for high availability environments; VLB Basic and Advanced

OS, Hypervisors and Middleware Support:
- Various options available as part of integration services

Support
- Product life cycle support (5-7 years)

Compliance/Regulatory
- 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

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

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