



## **SeaChange®** **MediaServer MDS 200™**

### Massively Scalable Streaming for Time-Shifted TV and High Definition Video on Demand

The SeaChange® MediaServer MDS 200™ is a high performance memory streamer that enables a new level of cost/performance for the delivery of advanced video services. Capable of delivering 5.5Gbps of streaming output from 2 rack units, and simultaneously ingesting content at up to 100Mbps, the streamer combines the advantages of commercial off-the-shelf hardware with SeaChange's patented MediaCluster® technology.

The MediaServer MDS 200 is fully compatible with SeaChange disk-based video servers, and can be used to boost streaming capacity in existing systems to meet the rising demand for on demand streams. With this new addition to the SeaChange® MediaServer™ family, SeaChange offers the industry's most comprehensive solution to serving the full range of streaming needs, from stream intensive time-shifted television and network PVR to the storage intensive 'long tail' needs of large content libraries.



The MDS 200 employs new advanced caching algorithms that automatically optimize memory use between time-shifted TV and traditional On Demand content. The result: high cache hit ratios that enable most streams to play directly from memory in even the heaviest of usage scenarios.

When deployed in conjunction with SeaChange® Axiom™ Open Suite v3.5, the MDS 200 forms a key component of the next generation On Demand solution, in which the most popular content is streamed from cache memory as demand increases.

#### FEATURES

- 5.5Gbps streaming capacity from 2RU through 8 GigE ports
- 100Mbps ingest capacity at full playout
- 32GB DRAM cache memory
- 1.4TB SAS disk storage
- Supports 3-9 node clusters, streaming up to 50Gbps and ingesting 900Mbps from 18RU with full protection from server failure
- Based on commodity server-class hardware, including leading edge, next generation Intel® technology

#### SOFTWARE REQUIREMENTS

SeaChange Axiom v3.5 or later required