



Packet Ship *Gridline* Content Distribution

- Secure, efficient content distribution and edge caching
- Studio approved for high-value content
- Integrated metadata and DRM key distribution
- Metadata query engine for UI generation
- Unicast, multicast & P2P multi-path delivery

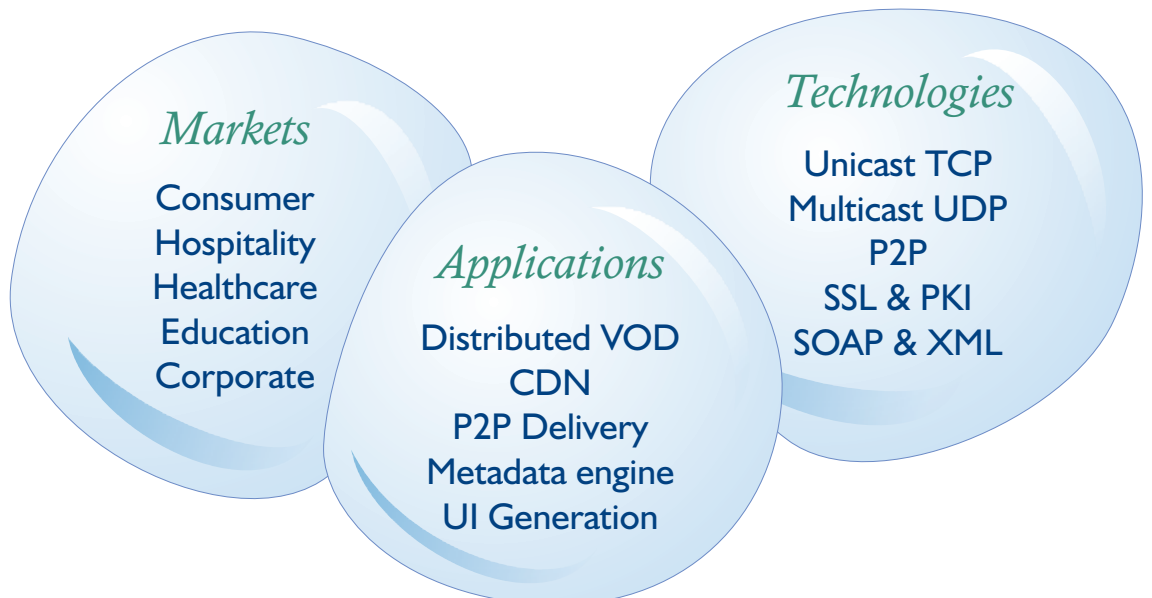
The Packet Ship Gridline content caching & distribution system provides a high-performance, general-purpose architecture for storage, distribution and edge caching of large media files and their associated metadata.

The Gridline core content repository provides a highly flexible structure to store any kind of content and metadata. The content can then be securely distributed to large numbers of edge caches through highly efficient network protocols, including TCP unicast, UDP multicast and secure peer-to-peer (P2P) transmission.

The Gridline edge cache integrates directly with the Packet Ship Streamline video server for seamless access to cached asset files.

Gridline also provides a high-performance SOAP-based metadata query interface that can be used by local middleware to generate a complete content navigation user interface.

The Gridline edge cache is also available in Windows and MacOS versions for direct background delivery of very large media files to consumer desktops.



Technical Data

Platform	Linux (any distribution, 2.6 kernel), Windows/MacOS (edge)
Formats	Any media format, XML metadata
Security	SSL with client and server certification
Protocols	SOAP/SSL; GLTP over TCP unicast, UDP multicast, TCP P2P
Integration points	SOAP/HTTP interface, ingest/installation scripts

