

# Rocket Division Software

Software that rocks

May 15, 2007

# Technology Overview



## ▶ **iSCSI Target**

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- Available as end user product or SDK (Software Development Kit).
- Full-featured software-only iSCSI Target for Microsoft Windows.
- Hardware-independent, cost-effective and scalable storage management solution that enables the benefits of Storage Area Networking such as enhanced disaster recovery and increased regulatory compliance
- Utilizes the existing Ethernet and IP network infrastructure and leverages existing storage hardware.
- Volume snapshot feature allows simple and easy scheduled or on-demand snapshots of critical data for backup.
- Virtualize and share physical storage devices such as DLT tape drives or DVD burners.

## ▶ **iSCSI / AoE Initiator**

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- Available as end user product or SDK (Software Development Kit).
- iSCSI and ATA-over-Ethernet Initiator for Microsoft Windows.
- Fully implements iSCSI and ATA-over-Ethernet client side protocols enabling connections to remote storage appliances such as disk arrays, tape drives, DVD-ROM image libraries and so on.
- Enables a virtual DVD-ROM drive locally i.e. to watch movies in a home theatre.

## ▶ DVD burning SDK

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- An advanced CD/DVD/Blu-Ray/HD-DVD burning, grabbing and mastering software development kit for Microsoft Windows and Linux.
- The SDK supports virtually all available burning hardware (including modern high-capacity Blu-Ray and HD-DVD devices) independent of development environment or target platform.
- Takes care of complex issues associated with the burning process such as handling specific optical media types, thread management, intermediate caching and non-standard device commands: allowing you to focus on application development instead of implementation details.

## ▶ Virtual Tape Library (VTL)

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- Exposes an iSCSI storage target as a DLT tape drive.
- Enables existing tape back up software to backup to disk (iSCSI).
- **Target (server) Implementation:**
  - Implemented on the iSCSI storage server.
  - All VTL processing is performed on the server, only requiring a standard iSCSI initiator to connect each client machine to the VTL/iSCSI disk.
  - Available Q3, 2007
- **Initiator (client) Implementation:**
  - Implemented on the initiator (client),
  - Supports both iSCSI and AoE protocols.
  - All VTL processing is performed on the client, requires a VTL enabled iSCSI initiator to connect each client machine to the VTL/iSCSI disk.
  - Available Q3, 2007

## ▶ File Sharing

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- Leverages the iSCSI protocol to share files over the internet.
- File access doesn't require a web browser or FTP client, files are seen as mapped drives in Windows Explorer.
- **Centralized Server:**
  - Uses SMTP email account to transfer files between client and centralized server.
  - Implemented as client side driver/initiator, and server side application.
  - Available Q3, 2007
- **Peer-to-Peer (P2P):**
  - Implemented as a peer-to-peer network; client side software with no centralized server.
  - Available Q3, 2007



# Thank you!!!

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