Product Benefits

1. ***Accom/Abekas — Names you can trust.*** For over 16 years, Accom has been the industry leader in digital disk recording technology. The Abekas 6000 represents the ninth-generation. Accom began its recognition with the award-winning RTD® 4224 (*the first uncompressed 10-bit disk recorder*) which then led to eight generations of the WSD® Work Station Disk (*the first desktop disk recorder*) family of products, on through the APR™•Attaché™, Axess™, ShowCase™, and APR™•ClipStore™ represents the latest digital disk recorder from Accom. With this impressive history, Accom has unparalleled experience in post-production, graphics and broadcast disk recording applications.
2. ***Protection and peace of mind.*** The Abekas 6000 runs on a Unix-like, real-time operating platform using the ultra-reliable *VxWorks* operating system. Unlike competitive video servers, the Abekas 6000 doesn't rely upon the volatile Windows® NT operating system, and doesn't require the use of external PC hardware or software for basic operation. Media stored on hot swappable drives is fully protected from major assembly failure, using RAID-5 parity protection for both video and audio separately. An optional redundancy package is also offered, which includes dual, hot swappable power supply and mirrored, solid-state system disk.
3. ***Designed for multiple production applications.*** In fast-paced editing environments, studio and mobile video productions, and live broadcasts, the Abekas 6000 offers a unique set of features that define this product as the perfect "workhorse" solution for improving production workflow efficiency, while dramatically reducing costs.
4. ***High quality.*** The Abekas 6000 features MPEG-2, DVCPRO and DVCPRO-50 I-frame compression formats that are selectable per recording, on a clip-by-clip basis. Material can be stored in either MPEG-2 or DVCPRO at 25Mb/s, which provides image quality similar to Betacam SP. Where image quality is most important, material can be recorded at 50Mb/s, providing quality equivalent to Digital Betacam. Within each Abekas 6000 chassis, 50Mb/s clips can also be recorded, edited or played back across all eight channels simultaneously. Also, each video channel features SDI video I/O and 4-tracks of uncompressed AES/EBU or embedded digital audio I/O with 24-bit resolution.
5. ***Upgrade path to HDTV.*** The Abekas 6000 offers an easy, cost-effective upgrade path to HDTV with features like mix and match of SD and HD channels in the same server including high-quality I-frame compression for frame accurate editing in SD and HD, while retaining identical functionality between SD and HD channels.
6. ***Flexible architecture.*** The Abekas 6000 offers true flexibility with features like two, four, six or eight independently controlled digital video I/O channels inside a single 8RU main chassis. As with a standard VTR, each video channel has an SDI video input and output, so a variety of I/O configurations can be achieved. This allows for changing I/O configurations as you go because you're not restricted by hardware limitations. There are also many combinations of storage, channels and control.

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7. ***Greater connectivity and control!*** The Abekas 6000 offers a wide variety of connectivity and control choices to enhance your workflow. With Ethernet API control and published API commands, you can write your own custom software to specifically meet unique requirements. With the Abekas 6000 Gigabit Ethernet option, ftp transferring of material in and out of the server is much faster than standard Ethernet, allowing you to transfer material without consuming SDI inputs and outputs. The Abekas 6000 also offers Content Management Panel (CMP), which is a PC/Mac based software program that manages, searches, and instantly finds all the clip metadata associated with an Abekas 6000 network. The CMP also offers Virtual Control Panel (VCP), allowing virtual transport control of any networked Abekas 6000 channel.
8. ***Just like a VTR but much more powerful!*** The Abekas 6000 is the closest "VTR" production server in the industry today. The hardware control panel offers VTR to server "auto editing" just like a standard VTR, with of course, familiar transport controls such as play, stop, record, search, FF, and REW, which are instantaneous in the Abekas 6000. However, unlike VTRs, the Abekas 6000 offers shared, high quality media storage among eight channels per main chassis. This means no more tape dubs to provide multiple editors with shared source material. Multiple editors can lay back or insert record to the same material simultaneously. Just imagine how much more efficient your workflow will be! Your production costs will drop and, you will have less wear and tear and maintenance when the Abekas 6000 replaces your VTRs!
9. ***Fast and easy to operate!*** With a dedicated hardware control panel that has a familiar VTR style, look and feel, users will immediately know how to operate this server. Up to eight control panels can share the channels of one Abekas 6000, and one control panel can control multiple channels. The Abekas 6000 also features TruClip™ — a unique one through seven-digit clip ID file system. This is the easiest way to record, retrieve and organize clips in any server today! Also, the associated key channel is permanently "ganged" with the video channel under one clip ID. There is no clumsy, manual synchronization of channels required. The Abekas 6000 provides you the fastest way to air!
10. ***Unique packaging.*** All the major components of the Abekas 6000 are accessible from the *front* of the chassis. Housed in a compact 8 RU chassis, the Abekas 6000 supports eight video channels, each sharing the media, with associated 4-track audio and up to 135.0 hours of media storage (at 25 Mb/s).