The Motorola Digital Addressable Controller 6000 system (DAC) consists of several advanced components that provide the latest in security and control for flexible digital systems. With an easy-to-use, menu-driven system, the Motorola DAC provides support for a wide variety of addressable control functions including IPPV, Call Ahead PPV, subscriptions and interactive applications. To control these services and functions, the Motorola DAC is fully compatible with most billing systems through the WireLink protocol. The Motorola DAC can also be used to generate many types of detailed and summarized reports to facilitate system management. Support for virtual channels in the digital multiplex and control of encryption devices are also a key part of the Motorola DAC functionality.

**Easy and Reliable Operation**

The Motorola DAC hardware platform is based on powerful, dual Intel Pentium III 700 MHz processors, four 18 GB hard drives, 1 GB of RAM, 3.5 floppy drive, 12/24 GB tape drive for database backups, SVGA 17" monitor, printer, 16-port Digiport Server and a remote diagnostic modem. All of these elements support the fast and reliable operation of the powerful relational database system. A UPS system and software is included in the standard configuration to ensure an orderly shutdown of the system during power outages.

**Features**

- Powerful, scalable Intel Pentium III Platform
- Multi-tasking, multi-user capable
- User-friendly graphical interface
- Telephone and RF return capabilities
- World’s best security
- Scalable for multi-headend and multi-billing system control configurations

**Functions**

- Configure headend components
- Schedule services and programs
- Define channel map assignments
- Configure terminal communications, antitaping and code download
- Generate reports
- Control encryption
- Support of interactive network functions
- Interface to network management devices
**RADD**

The Motorola Remote Addressable DANIS/DLS 6000 (RADD) hardware server is a headend unit that provides increased scalability, flexibility and stability for the advanced digital interactive system. Working in conjunction with the Motorola DAC, the RADD provides real-time repetitive messages such as polling and software/firmware downloads to the Motorola set-top population. Two software modules (DANIS and DLS), which were previously located in the Motorola DAC server, are now included in the RADD. This alleviates the Motorola DAC from these operations allowing the Motorola DAC to support larger, more complex cable systems.

**KLS1000**

The Key List Server provides high level security to the digital headend system. The KLS1000 delivers keys in hierarchical encrypted form to the addressable controller for data encryption management. In addition, the KLS1000 reports back message authentication on request from the DAC6000.

---

**DAC6000 AND RADD SPECIFICATIONS**

**HARDWARE OPERATING ENVIRONMENT**

- **Server Platform**: Compaq Pro Liant ML 570
- **CPU**: Dual Intel Pentium III (700 MHz)
- **Display**: SVGA 17" Monitor
- **Memory**: 1 GB of RAM
- **Hard Drive**: 4x18 GB Ultra 3 SCSI HD
- **Hard Drive Controller**: 64 MB Caching SCSI Controller
- **Disk Drive**: 1 x 1.44 MB 3.5" Drive
- **RAID Support**: Standard = 1+0 Configuration, Redundant PS + HD
- **Expansion Kit**: 16 Port Digiport Server
- **Surge Protection**: APC SU1000
- **Backup**: 12/24 GB Tape Drive

**SOFTWARE OPERATING ENVIRONMENT**

- **Operating System**: SCO OSE (UNIX) 5.0
- **Database Manager**: Sybase System 11
- **Graphical User Interface**: X-Designer

**SOFTWARE APPLICATION**

Motorola Software Application . . . DAC6000

---

www.amt.com

Advanced Media Technologies®Inc. · 3150 SW 15th Street Deerfield Beach, FL 33442
(888) 293-5856 · (954) 427-5711 · Fax (954) 427-9688