



## **FEATURES**

- **Powerful, Scalable Intel® Pentium® III Platform**
- **Multi-Tasking, Multi-User**
- **User Friendly Graphical User Interface**
- **Telephone and RF Return Capabilities**
- **World's Best Security**

**Scalable for multi-headend regional control configurations**

## **FUNCTIONS**

- **Configuration of 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**

## **Introduction**

The Digital Addressable Controller 6000 (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 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 DAC is fully compatible with most billing systems through the WireLink protocol. The 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 DAC functionality.

### Easy and Reliable Operation

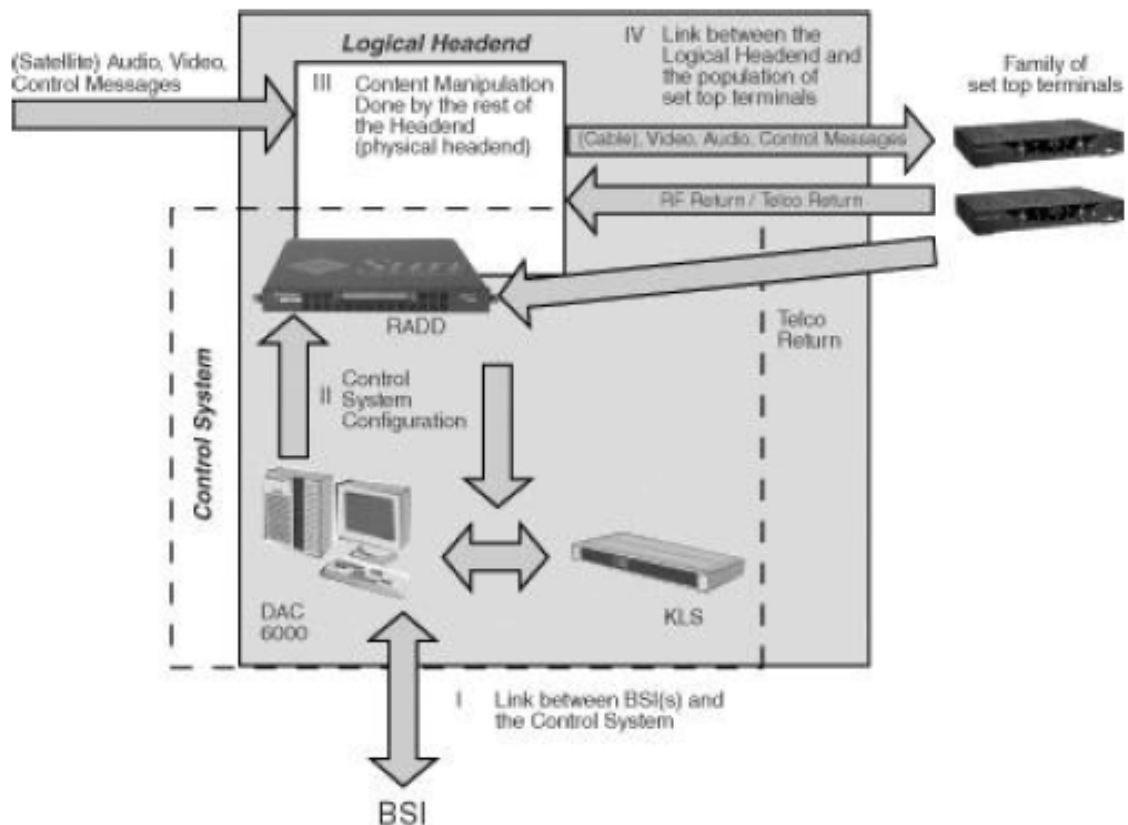
The DAC hardware platform is based on powerful dual Intel Pentium III 700 MHz processors, four 18 GB hard drives, 1 GB of RAM, 3.5 floppy drive, 12/24 GB tape drive for database backups, SVGA 17" monitor printer, 16 port Digiport Server, and a remote diagnostic modem. All of these elements support a 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 outage.

### 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. The RADD provides realtime repetitive messages such as polling and software/firmware downloads to the DCT population. Two software modules (DANIS and DLS), which were previously located in the DAC server are now included in the RADD. This alleviates the DAC from these operations allowing the 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. Also, the KLS1000 reports back message authentication on request from the DAC6000.





**Specifications**

**Digital Interactive Network System Digital Addressable Control System [DAC6000 and RADD]**

<b>HARDWARE OPERATING ENVIRONMENT</b>	
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
<b>SOFTWARE OPERATING ENVIRONMENT</b>	
Operating System	SCO® OSE (UNIX
Database Manager	Sybase® System
Automatic dial for KLS's security keys	Morning Star PPP
Graphical User Interface	X-Designer
<b>SOFTWARE APPLICATION</b>	
Motorola Software Application	DAC6000