

DEPG-7000 DVB Electronic Program Guide (EPG) System

DEPG-7000 is an Electronic Program Guide (EPG) system that allows broadcasters provide current and future programming information to their audience by adding live program schedule data to their transmitted transport stream multiplex using DVB standard.

Features

- Supports multiple sources of programming information:
 - Data entry through web interface
 - Imports from XML files
 - Integrates with a live EPG database
 - Integrates with play-out servers
- Live editing of EPG data while on air
- Works on most terrestrial, satellite and IPTV set-top boxes
- Adds event rating information for parental control
- Supports multiple users and access levels
- Transmits TDT for synchronization of receivers and transmitters
- Easy integration with any TS multiplexer
- Provides DVB Now/Next Event Info
- High reliability and 24/7/365 operation
- Web-based control and monitoring
- Compact IRU size

Applications

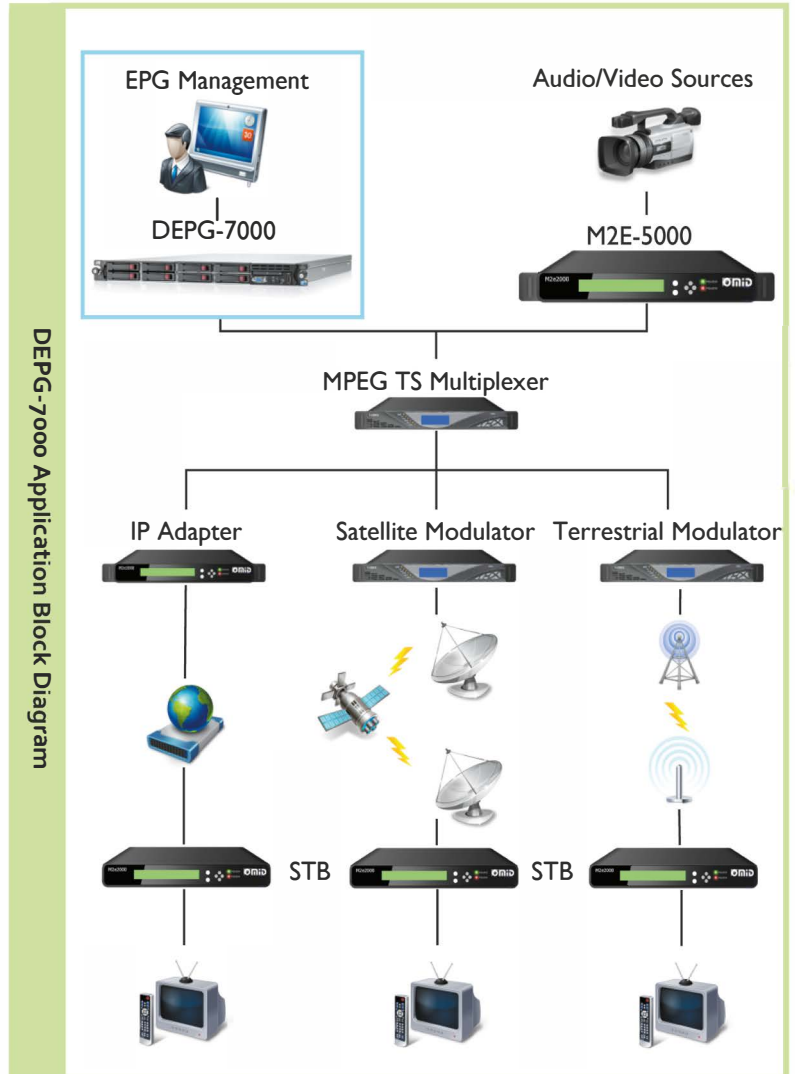
- IPTV
- Satellite broadcasting
- Terrestrial broadcasting

Web Management Interface

- Password protected
- Software upgrade from network
- Live monitoring of outputs and EPG content
- Configuration of all system parameters

Related Products

- MPEG-7000 MHEG-5 EPG System
- STBT-1000 Terrestrial STB
- STBS-1000 Satellite STB
- STBH-2000 Hybrid STB
- MCE-4000 HD Contribution MPEG4 Encoder
- M2E-5000 Professional MPEG2 Encoder
- ASI2IP-1000 ASI to IP Adapter
- HMS-6000 Hardware Management System



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Technical Specifications

Server Hardware Specifications	<ul style="list-style-type: none"> • Processor family: Intel® Xeon® 5600 series or equivalent • Memory: 4 GB or more • Expansion slots: 2x PCIe slots for full-height, full-length and low profile option cards • Network: 1 Giga bit Ethernet
Operating System and Database	<ul style="list-style-type: none"> • Ubuntu 10.04 LTS (Lucid Lynx) • MySQL database for EPG information storage and retrieval
Inputs	<ul style="list-style-type: none"> • XML, Excel and Text files can be imported into the EPG database • Online programming data entry through the web interface • Live data connection to an external programming information database or third party play-out systems
Outputs	<ul style="list-style-type: none"> • DVB EPG is output as an MPEG Transport Stream including DVB Event Information Table (EIT) TS packets over: <ul style="list-style-type: none"> • UDP over IP over Ethernet (Option DEPG-IPOO) • Dual DVB-ASI outputs (Option DEPG-ASIO) • Compatible with any MPEG TS multiplexer
EPG System	<ul style="list-style-type: none"> • Fully compatible with DVB standard ETSI EN 300 468 for EIT generation • Generates Event Information Tables (EIT) for: <ul style="list-style-type: none"> • Present/Following also known as Now/Next (EIT-P/F) • Scheduled (EIT-S) • Detailed event information entry including subject, description, category, start time, end time, country code, rating and image • Age rating and parental control information can be added to the program information • Supports exporting EPG information to <ul style="list-style-type: none"> • HTML for web viewing • XML for transferring data to other applications or servers • Configurable bitrate control of EPG data transmission • Full control, monitoring and management of the EPG server using a web-based interface • Role based access control system: <ul style="list-style-type: none"> • Administrator (full access super user) • Author (EPG data entry) • Public (EPG data viewers) • Program information can be in any languages of the world • Day, week and month program schedule views • Program schedule entry can be entered and broadcast for many days in advance • Search facility for program information • Easy one-time data entry for recurrent programs • Full user and access level management • Per channel or per service user access control • EPG content backup and restore functions • Software upgrades through the Internet
Physical Dimensions and Power	<ul style="list-style-type: none"> • Dimensions (HxWxD): 1.70 x 16.78 x 27.25 in (4.32 x 42.62 x 69.22 cm) • Approximate weight: 39.5 lb (17.92 kg) • Power: 100-240V, 3-pin IEC connector, with removable circuit breaker. • Consumption: 25 Watts
Environmental Conditions	<ul style="list-style-type: none"> • Operating temperature: 10°C to 35°C (50°F to 95°F) • Operating humidity: 10%-90% non-condensing

Ordering Information

Ordering Number	Description	Quantity	Ordering Number	Description	Quantity
DEPG-7BAS	EPG Base System	1	DEPG-ASIO	DVB-ASI Output Option	1
DEPG-IPOO	IP Output Option	1	DEPG-ATSY	Additional Technical Support Year Option	1-5