

GuideBuilder® 5

Unified Broadcast Metadata

GuideBuilder® 5 provides an integrated metadata management solution for all standard EPG/ESG formats in one coherent system, ensuring a unified and simplified workflow that enables technical staff to handle more services at lower costs.

Field-Proven Deployment Options

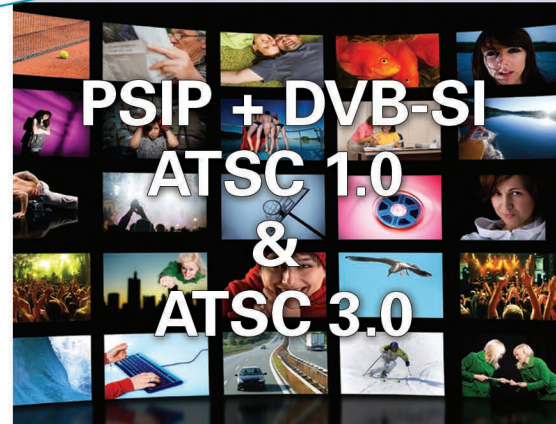
Available in a variety of configurations, including integrated servers, software for use on customer-supplied servers, Virtual Machine (VM)-compatible software, and as cloud-based managed service, GuideBuilder 5 provides flexible support for any DTV provider's deployment approach. The GuideBuilder 5 platform includes updated user interfaces, a Linux OS, and the foundation for future ATSC 3.0 services and enhancements.

Reliable PSIP and DVB-SI Generation

GuideBuilder 5 is the industry-leading system for generating broadcast TV award-winning program guides. It is custom configured to automatically ingest schedule updates from all popular listing services, apply them to thousands of ATSC and DVB channels and services, and output program guide data to multiplexers and encoders. GuideBuilder 5 can easily handle the most complicated DTV networks.

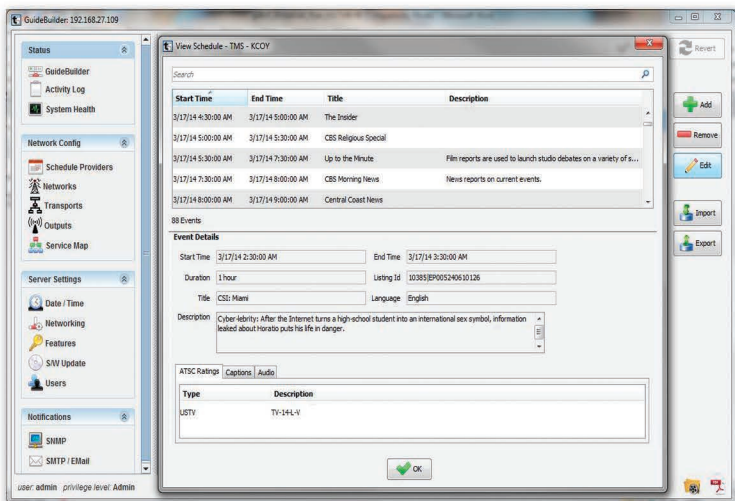
Seamless Transition to ATSC 3.0

GuideBuilder 5 is also ready for upgrading to GuideBuilder XM, the next-generation signaling and announcement manager from Triveni Digital. Building on and extending GuideBuilder 5's proven reliability, GuideBuilder XM will enable broadcasters to take full advantage of the enhanced electronic service guides (ESGs) and channel sharing features of ATSC 3.0, as part of their overall service delivery infrastructure.



Benefits

- Manages all broadcast DTV metadata in one system
- Generates standards-compliant PSIP and DVB-SI metadata
- Smooths the transition to ATSC 3.0
- Keeps current with the latest DTV metadata options
- Automatically ingests inputs from multiple listing services
- Outputs metadata to multiple routes
- Enables manual schedule changes with new Program Editor
- Sends email alerts and SNMP traps
- Edits AC3 audio, closed captioning, and parental rating settings
- Imports channel lineups for quick configuration
- Minimizes hardware costs with workflow compatibility
- Available in cloud-based and software-only options



GuideBuilder 5 manages PSIP and other metadata in one easy-to-use system.

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Key Features

System Administrator

- Web-based user application
- Schedule provider inputs: TMS, PMCP, Rovi, and more
- ATSC and DVB terrestrial, mobile, and satellite networks
- Open-system output types: vendor-specific, carousel, and UDP
- Color-coded service status maps
- Detailed activity and runtime log files
- Email alerts and SNMP traps
- Software update downloads

Remote Program Editor

- Web-based user application
- At-a-glance schedule listings for multiple services
- Program event conflict notifications
- Add recurring, default, and regular programs
- Edit audio, caption, and ratings service extensions

Server Specifications

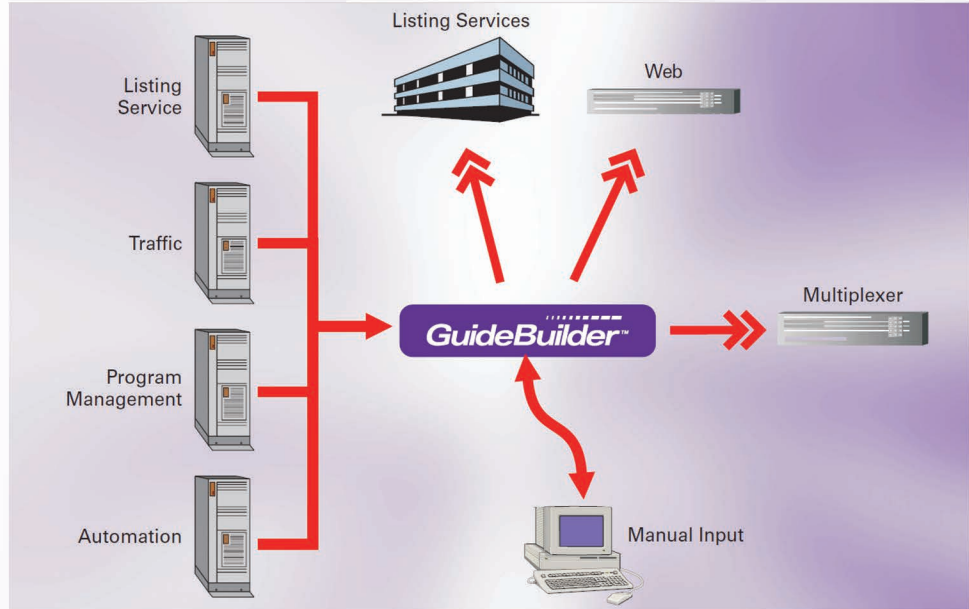
- 1RU rackmount chassis
- OS: Ubuntu 16.04 or later
- 2 RJ45 BaseT Ethernet ports
- 9-pin serial port
- 2 USB ports
- Approximately 39 lbs

Deployment Options

- GuideBuilder server and software
- GuideBuilder software only
- Virtual Machine (VM) compatible software
- Cloud-based SaaS service

Features and specifications subject to change.

GuideBuilder Network Topology



GuideBuilder Program Editor

| Start Time | End Time | Title | Description | Extensions | Action |
|------------|----------|----------------------------|---|-------------------------|--------|
| 10:00 | 12:00 | CBS This Morning | BlogHer CEO Lisa Stone; author Harlan Coben; actor Rocky Carroll. | [Speaker] [Speech] | [Edit] |
| 12:00 | 13:00 | The Doctors | Surprising Home Germ Hot-Spots; Late-Night Snacks for Better Sleep; Scrubs Star Sarah Chalke on Her Son's Illness: Reducing stress; actress Sarah Chalke discusses Kawasaki disease; parts of the kitchen harboring harmful bacteria; late-night snacks to improve sleep. | [PG] [Speaker] [Speech] | [Edit] |
| 13:00 | 14:00 | The Price Is Right | Guest model Lawrence Saint-Victor. | [PG] [Speaker] [Speech] | [Edit] |
| 14:00 | 15:00 | The Young and the Restless | Sharon makes a life altering decision; Cane considers an attractive offer from Victor. | [PG] [Speaker] [Speech] | [Edit] |
| 15:00 | 15:30 | Paid Programming | Paid programming. | [Speaker] | [Edit] |
| 15:30 | 16:00 | The Bold and the Beautiful | Bill reacts unexpectedly to Brooke's news; Ridge and Katie come to a realization. | [PG] [Speaker] [Speech] | [Edit] |
| 16:00 | 17:00 | The Talk | Actress Betty White; TV host Kevin Frazier; chef Susan Feniger. | [PG] [Speaker] [Speech] | [Edit] |
| 17:00 | 18:00 | Let's Make a Deal | | [PG] [Speaker] [Speech] | [Edit] |
| 18:00 | 19:00 | Dr. Phil | Dump Your Fiancee Now!: Tone and John disapprove of their brother's fiancée, who they say is rude, selfish, manipulative and abuses drugs; she says the siblings are responsible for all of the family drama. | [PG] [Speaker] [Speech] | [Edit] |
| 19:00 | 19:30 | Judge Judy | Skin Cancer Scare; Computer Cash Out: A woman sues her son, who has cancer, for repayment of loans and medical bills; a lifelong friendship ends over \$500. | [PG] [Speaker] [Speech] | [Edit] |

With the GuideBuilder Program Editor, it is easy to make schedule overrun and program description changes.

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