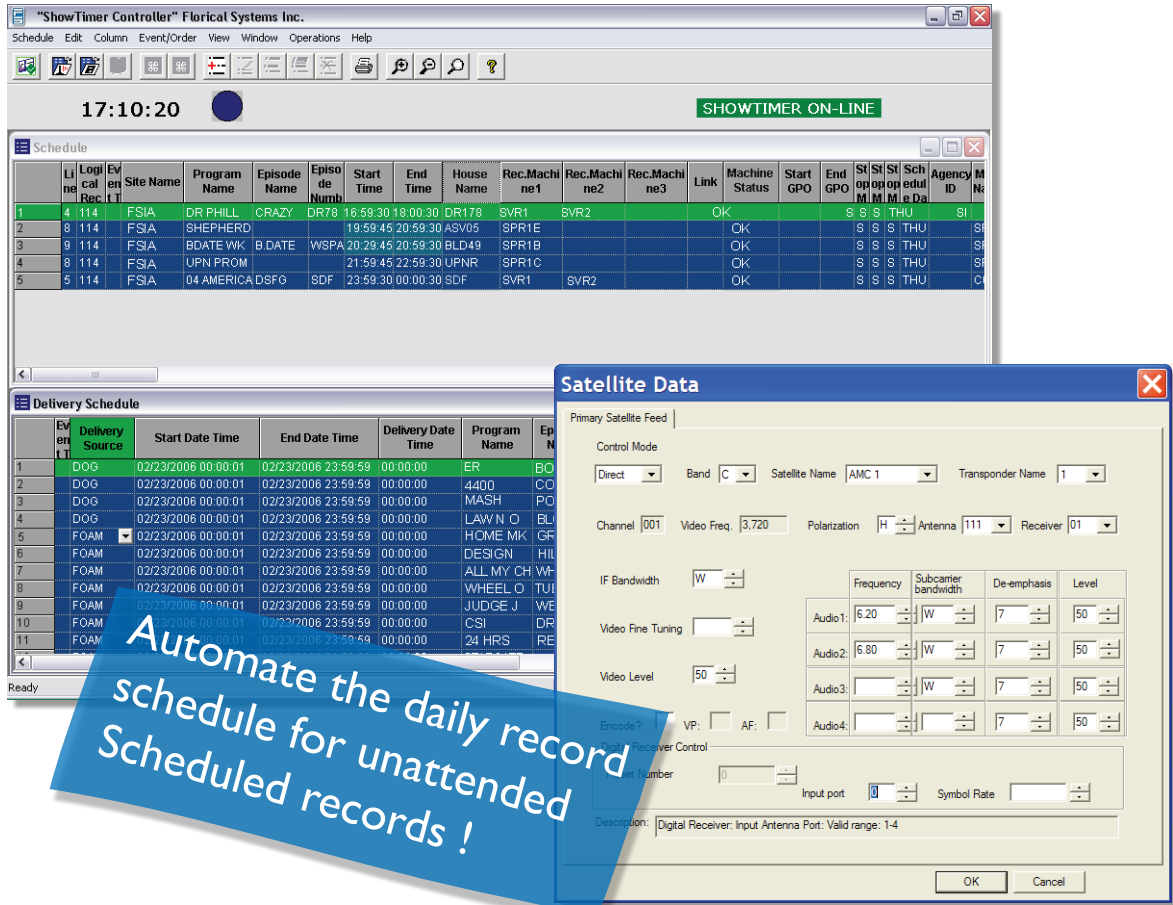


Acquire

Unattended Satellite or live source Acquisition and FTP transfers. ShowTimer manages satellite Network feeds or live events by controlling satellite dishes, receiver and routers with a primary and up to two backup recording locations for each event. Create Record schedules effortlessly with Order Entry, Florical's "traffic" software for Satellite feeds and FTP transfers. All record metadata is entered into the Florical database for use with on-air automation to eliminate redundant data-entry and reduce errors. ShowTimer can populate a "requires review" list in MediaTimer so that an operator must segment the file before it goes to air.



The screenshot displays the "ShowTimer Controller" software interface. The main window shows a "Schedule" table with columns for Line, Log, Cal, Rec, Site Name, Program Name, Episode Name, Start Time, End Time, House Name, Rec.Mach, and Machine Status. Below the schedule is a "Delivery Schedule" table with columns for Event, Delivery Source, Start Date Time, End Date Time, Delivery Date Time, Program Name, and Episode Name. A "Satellite Data" configuration window is overlaid on the bottom right, showing settings for a Primary Satellite Feed, including Control Mode (Direct), Band (C), Satellite Name (AMC 1), Transponder Name (1), Channel (001), Video Freq (3,720), Polarization (H), Antenna (111), Receiver (01), and various audio and video parameters.

Automate the daily record schedule for unattended Scheduled records!

- Save time with unattended satellite recordings.
- Fully integrate the workflow with on-air automation
- Quickly produce your daily record schedule with Order Entry.
- Modular and Scalable; supports multi-channel and ShareCasting operations.
- PathFire option automatically pushes programs from PathFire to the video servers and populates the Florical database with asset metadata.
- SatCom option consolidates location for complete receiver and antenna control.



FEATURES

Create Daily Record Schedules

- Automatically produce the daily record schedule with the ShowTimer acquisition traffic system.
- Update record schedules from workstations in master control, traffic, news, or remote locations across the network.
- Enter recurring orders with start & end dates months in the future.
- Easily edit schedules with drop down lists and direct data entry.
- Assign equipment & report scheduling conflicts months in advance.
- Pre-schedule backup feeds for added security if a primary feed uplink fails.
- Right click on a schedule field to get a pop-up list for faster data entry.
- Automatically save schedule changes as they are made.

Record Satellite Feeds

- Save money with reliable unattended program material acquisition from satellite.
- Control dozens of simultaneous satellite recordings from the same console.
- Record on virtually all VDCP protocol video servers & Sony protocol VTRs.
- Reduce equipment costs by sharing machine control resources with other Florical automation products.
- Reduce refeeds with automated control & concurrent backup recordings on different formats including VTRs & video servers.
- Log & monitor errors for controlled devices.

Control Satellite Equipment

- Schedule & automatically position dishes, tune receivers & route feeds for recording.
- Automate up to eight remote sites with integrated control of up to 64 dishes, 128 receivers, 8 routers, 64 general purpose I/O & 56 deicers.
- Use up to four communication links per remote site via leased line, microwave link, or modem dialup for increased reliability.

Integrate with TV Automation

- Enter program metadata once for use in program timing & playout automation.
- Automatically set program expiration dates for asset management of program material.
- Systematically update the Florical Media Database as programs are acquired.
- Automatically acquire satellite feeds for direct to air broadcasts of special events, live programming & daily aired shows.
- Schedule & automate long form ingest into video servers from tape or network sources.

System

Dell / Intel Core 2 computer with Microsoft Windows
Windows XP Pro-SP3, 3.0GHz CPU, 2 GB RAM, 160GB HD X2, RAID 1.

Options

ShowTimer machine control system: Required for equipment connection options such as video server or VTR recording, switcher control, antenna & receiver control.
(SatCom required for antenna and receiver control)

ShowTimer schedule workstation: Additional workstation to schedule satellite feeds, check on equipment availability & prepare the daily recording schedule.

Florical Media Database Interface: Access to update the media database.

LAN Interface: Connect ShowTimer on the network for media database & device server access.

SatCom Controller: Required for control of up to eight satellite dishes, 16 receivers, 7 deicers, 8 remote I/O & a remote router. Includes ShowTimer interface.

PathFire Interface: automatically pushes programs from PathFire to the video servers and populates the Florical database with asset metadata for immediate on-air availability.

Supported Devices

Florical frequently adds device support to our products. Please contact us for a current list.

Video Servers

Video servers are controlled using VDCP protocol via RS-422 unless other wise noted.

360 Systems	Imagstore 2000
Accom	Abekas 6000
Grass Valley Group	Profile 100, 200, 400, XP series, Profile MAN, iVDR, K2
Leitch	VR300, VR420, VR440, VR445, Nexio
Omneon	Networked Content Server Series
Avid Pinnacle/HP	BVS, MediaStream 300, 700, 900, 1600, SAN series, 8000
SeaChange	BMC-830, BMS-830, BMC-1230, BMC-1250, BMC-1630, BMC-1650
Sony	MAV-70

Video Tape Recorders

VTRs controlled using Sony BVW protocol via RS-422.

Routing Switchers

Adrienne	AEC-1 (10x1) series, AEC-2 (10x2) series
Evertz	X-12 Series, X-95 Series
Grass Valley Group	Series 7000, Encore, Performer, Concerto, Horizon series, TEN20 series, TEN-XL series
Image Video	9540, 9541, 9520, 9521
Leitch	VIA32 Series, XPLUS Serie, XPRESS Series, Integrator Series
Quintech	SRM2150 (RF router)
Thomson	Venus series, Mars with Jupiter, Jupiter VM-3000
Practel	Series 16, Series 41, Series 64, Series 8000
Utah	AVS-1 (through SatCom only)
Videotek	RS-4 Series, RS-6 Series, RS-12 Series

Antenna Controllers & Deicers

Andrew	APC100, APC300
AstroGuide	Astro TRAC-1IE+ (AC2+), TRAX-III (AC3), TRAC-IV (ACR)
Comtech/CTI	EC6, EC8, CTI-650, CTI-850
Harris	Harris 9135
Radiation Systems	4010, 4010A
Research Concepts	RC1000A, RC2000, RC2500
Scientific Atlanta	SA-8840A, SA-8860A
Vertex	Vertex 7134, 7200
Walton Deicer	DDC-400

Receivers & IRDs

Andrew	ASR300
Digital Vision	Bitlink
DX	DX DIR-657A, DIR-657B
General Instruments	DSR-4800 series
Microdyne	I 100 TVR(24)
Scientific Atlanta	SA-7500, SA-7530, SA-7530A, SA-9660
Scopus	IRD-2980-C
Standard Communications	Agile OMNI MT-810, MT-830, MT-830BR, MT-930, MT-930B, MT-930T
Tandberg	Alteia, Alteia plus, I260