



# System T

Version 2.3 software update information

**Solid State Logic**  
OXFORD • ENGLAND

# System T Software v2.3

Software version 2.3 brings significant benefits to the entire range of System T consoles, including S500, S500m, S300 and TCR. System T consoles are relied on the world over for live broadcast, event space audio, recording and post-production duties.

System T's Tempest engine, AoIP routing and software defined control surfaces have been designed from the ground up, with continuous development. The packed feature set in this new version 2.3 release adds to the wide-ranging previous enhancements, including DAW control, immersive audio, Dynamic Automation, Patch Manager CSV files, Access Control, Event Manager, Scene Automation and fully-featured onboard FX rack.

## Network I/O v4.0 updates

Alongside System T v2.3, the Network I/O v4.0 update includes ST 2110, ST 2059-2 and ST 2022-7 support for all devices. This provides standards-based AoIP and Dante technology simultaneously on the same chipsets, allowing installations to leverage IP networks for both infrastructure and consoles-based audio routing workflows, without proprietary hardware TDM routers.

## External control and communication

Added support for TSL UMDv5 allows external control and orchestration systems to update channel text labels based on the active connected signal, providing the audio operator with accurate information about the source currently presented on each fader.

In addition to all path direct output tone switching, an additional tone inject on the channel input provides simple signal path checking. A new per-path talkback inject for channel and bus direct outputs enhances communications switching and conferencing.

## Backfeed controls



A Backfeed feature with mix minus assignment places the controls of a Mix Minus return bus directly on the incoming outside source channel. This greatly simplifies operation for complex external line control, without the need to navigate to other layers or other systems.

Cue and Auto Cue further simplify communication with outside and remote sources, greatly reducing the console operator's tasks during broadcasts with complex remote feeds.

Cue and Auto Cue further simplify

## Event Manager

System T's powerful Event Manager provides graphical and user programmable macro functionality for GPIOs, console functions, MIDI, AFV, Ember+, user keys, fader starts, and scene triggers.

Expanded for version 2.3, this extensive list of user definable event triggers is joined by path event controls. Three controls per path provide up to 2400 additional assignable switches, controllable from the touchscreen or hardware quick controls above the faders. The console operator can be presented with a single simple switch, programmed for relevant macros or functions specifically for that channel. The events system also gains an event tally feature, driven from a GPI or specific function; user key LEDs can be externally controlled, providing silent visual feedback to the console operator.





## Dante Domain Manager integration

V2.3 brings Dante Domain Manager (DDM) login capability directly into the console software. System T is a routing controller with direct on-console routing control for any Dante-enabled device, providing complete AoIP resource sharing from an audio-centric GUI.

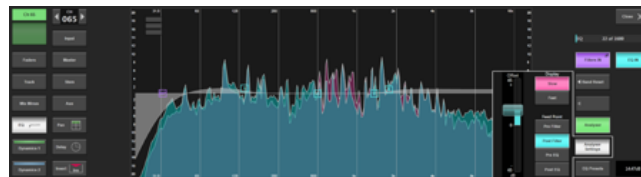
DDM integration allows system designers to add a software-based security layer with user authentication, defined guest, operator or admin roles, plus complete audit logging – a full-stack approach to AoIP technology integration.

## Sample rate conversion

Support for Network I/O Dante HC SRC, plus SB 32.24 and SB 16.12 SRC capability has been added to facilitate mixed sample rate or separate clock domain use. Scenarios that require audio sharing – without exposing networks to either team – can be achieved directly on the stage boxes or across a high-capacity 256-channel bridge.

## Graphical FFT analyser overlay

A graphical FFT analyser overlay is now available on the EQ and Filters GUI for channels and buses. This allows an engineer to quickly identify problem frequencies from within the tools they would use to resolve them. The fixed-point-per-octave analyser has equal resolution across the entire frequency range, providing high resolution even at low frequencies. The FX rack instance of FFT analyser adds a spectrogram view, graphically showing frequency content over time as a heat map.



## Matrix Mixer

Version 2.3 brings further additions and updates to the onboard FX rack, with a Matrix Mixer providing summing and level control for all formats from stereo to 7.1.4, plus 4, 8 and 12 wide versions. This flexible FX utility can be used for downmixing, level-based up-mixing, submixing and PA matrix mixing. As an FX rack module, no processing power is taken from the channel and bus processing capabilities.



## Dynamic EQ

The Dynamic EQ module benefits from a full graphical redesign and additional functionality including per-band threshold trigger function.



## T-SOLSA

T-SOLSA provides System T control software for standalone computers or virtualised servers. T-SOLSA is designed for use as an active remote-control, a training tool, or an offline setup application. Multiple GUI apps can be shown across multiple screens – v2.3 adds full screen mode for each app, allowing large engineering ‘dashboard’ capabilities, or feeds into multi-viewers for overview and FX rack metering.



# Solid State Logic

OXFORD • ENGLAND

International HQ: Begbroke, Oxford, OX5 1RU, England

Tel +44 (0)1865 842300 · [sales@solidstatellogic.com](mailto:sales@solidstatellogic.com) · [www.solidstatellogic.com](http://www.solidstatellogic.com)