SOFTWARE RELEASE NOTES

Products: Series 400® Power and Data Distribution System
Manufacturer: PRG
Subject: S400 Tools FX Software v6.0.9
Bulletin No: S400-013
Date: 11 January 2021

INTRODUCTION

Series 400 Power and Data Distribution System Software & Firmware Update

New software versions are available for the following Series 400® products:

+ S400 Tools FX (v6.0.9)
+ Super Node
+ S400 Break Out Box

See "S400-012" for a breakdown of all v6 Software Features.

Summary of Changes

+ Version number added to the software name.
+ Fix BOB universe coloring when BOB comes online
+ Update device key to include additional fields
+ Configuration columns Rack Input and Port Source default 'off'
+ Configuration table defaults are reset by Reset Defaults in settings
+ Fix issues with app left hanging by various quit methods
+ RDM universe table now uses alpha/numeric mode for display
+ Fix an RDM discovery issue with Breakout Box missing some devices depending on UID
+ Add beta support for S400 Tools FX RDM using Multiverse Wireless DMX devices.
+ Fixes for cell editing and name-sorting issues
+ Sources panel visibility defaults to On
+ Fix issue with startup slowdowns on Windows systems (Windows only version)
+ Added Shop Test features (Tools will auto-configure, Racks, BO Boxes, and all Nodes and generate DMX to test outputs)
+ Show live and saved S400 device counts in dashboard panel when devices are offline
+ Allow network interface selection of a non-10.66 subnet interface
+ Formats alpha universe input as uppercase
+ Checks user input for disallowed length for breakout/module names
+ Fix for invalid characters in configuration universe fields
+ Enable offline breakout naming and status coloring
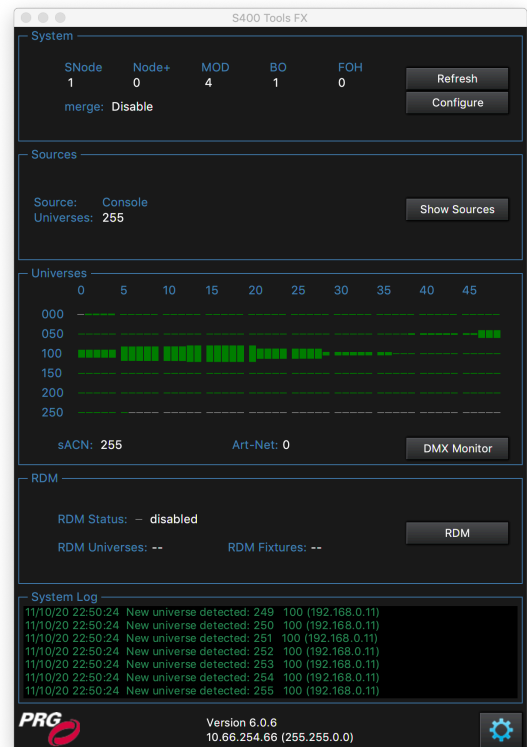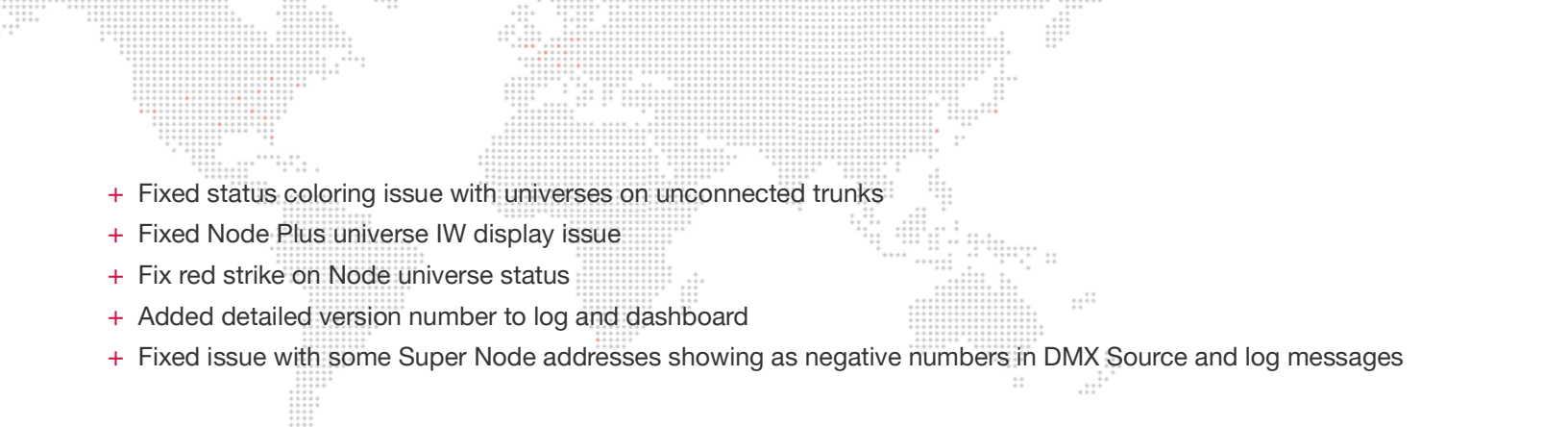+ Increased device timeout slightly to avoid bogus dropout messages in the log

Figure 1: S400ToolsFX System Monitor

+ Fixed status coloring issue with universes on unconnected trunks
+ Fixed Node Plus universe IW display issue
+ Fix red strike on Node universe status
+ Added detailed version number to log and dashboard
+ Fixed issue with some Super Node addresses showing as negative numbers in DMX Source and log messages

Latest Software and Firmware Versions

The current firmware/software versions are shown in the on-board Information menu or from the Configuration window on S400 Tools FX. The current versions are as follows: **(Bold = Update)**

FIRMWARE	SOFTWARE
Rack Module:	**S400 Tools FX:**
v6.0 r1 11/19/2019 8:38	**v6.0.9**
FOH Module:	Node/Node+:
v6.0 r49 11/19/2019 15:23	05/07/2010 16:00
Break Out Box:	**Super Node:**
v6.0 r28 12/08/2020	**11/04/2020 10:18**

Note: Virus and Firewall software on Windows computers can cause performance issues with S400 Tools FX. It is highly recommended to disabled all firewalls and virus software before opening S400 Tools.

Known Issues

Known issues with S400 Tools FX - read this section prior to reaching out to support.

+ RDM can only be active on one instance of S400 Tools FX within a network. Multiple instances of S400 Tools FX are allowed, but RDM issues can occur if RDM is Enabled on more than a single instance.
+ Apple M1 compatibility not yet verified.
+ User must press "Enter" after entering source value into Configuration window.
  - Work around: Disable Source column using the "Set Columns" button.
+ S400 Tools FX can lock up when Pathscape is also open.
  - Work around: Use separate network interfaces or only use one program at a time.
+ In most situations, clicking "cancel" or "x" on the Confirm Quit dialog will still exit the program.
  - No work around. Issue with current Java build.
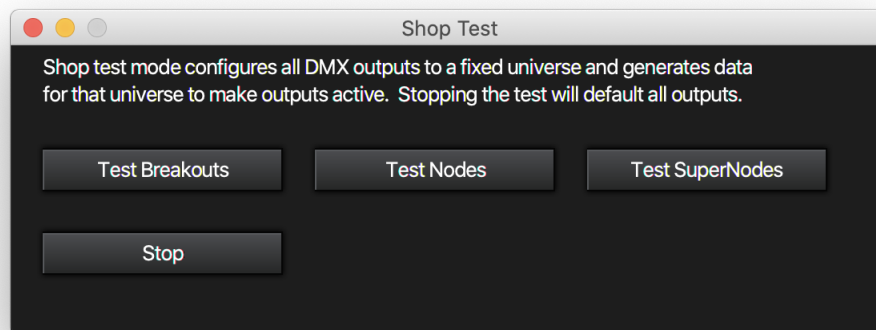
NEW FEATURE DETAILS

Shop Test Function

S400 Tools FX v6.0.6 introduces new shop test functions. When activated, all DMX outputs of all devices of the selected type are configured to universe 0 and generate DMX data to output from each port. This new feature allows for the data on each DMX Out and Ethernet Out port to be tested without additional gear.

Open the Shop Test window by pressing "Command+8" (Mac) or from the "Tool" dropdown.

When physical testing of each port is complete, press the Stop button. All outputs will default to -x-.

The Shop Test function generates Art-Net data for the DMX test function. All DMX ports for the selected device type will send 255 to all 512 channels. During the test other Art-Net sources should be disabled.

Note: Shop testing also requires users to verify device software versions and to reset defaults.

Network Interface Selector

S400 Tools FX can be utilized to monitor sACN and Art-Net traffic in a non-Series 400 network. Users can now select any available ethernet interface even when Series 400 control would not be supported

To reveal the Network Configuration window, click the IP address on the main S400 Tools FX window.