

Release Notes

software release **3.1.0**

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2000NET
NETWORK INTERFACE MODULE

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Online User Documentation — Current versions of product catalogs, brochures, data sheets, ordering guides, planning guides, manuals, and release notes in .pdf format can be downloaded.

FAQ Database — Solutions to problems and troubleshooting efforts can be found by searching our Frequently Asked Questions (FAQ) database.

Software Downloads — Software updates, drivers, and patches can be downloaded.

Version **3.1.0**
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2000NET Network Interface Module Release Notes

Introduction

This document provides information on the latest release of the network interface software for use with the 2000NET Network Interface Module for controlling the Kameleon 2000 Series frames. Read this document completely before attempting to download the latest software.

Pertinent reference documents are available on-line or hard copies can be ordered from Thomson Grass Valley.

These documents detail:

- New software features and operation,
- Important Notes for this release,
- Software downloading, and
- Accessing Reference Documents.

Version 3.1.0 Software Release Features

2000NET Software Version 3.1.0 adds the following features:

- Slot memory for media modules,
- Control Panel interface, and
- Interface with NetConfig application.

Operational changes have been made to the following web page displays:

- Frame Configuration

New features in this release are outlined below.

Slot Memory for Media Modules

Some enhancements have been made to the configuration function that allows a media module slot in the Kameleon 2000 Series frame to be stored in 2000NET memory and loaded to another module of the same type installed in the slot. The revised Slot Config web page is shown in [Figure 1 on page 5](#).

The slot configuration for each media module is automatically saved periodically (once an hour) to the 2000NET module in that frame. You may now select the **Learn Module Config** button at any time to save the current configuration for this slot. The configuration is saved on the 2000NET module. If the 2000NET module is removed or powered down, the stored configurations are not saved.

When the **Restore upon Install** box has been checked, the current configuration saved to this slot is saved as slot memory. When the current module is removed and another module of the same type is installed, the configuration saved to the 2000NET module will be downloaded to the new module. The box must be checked before the current module with the saved configuration is removed.

Figure 1. Slot Configuration Page

Slot Config
Model: KAM-AV Description: Kameleon Module
Frame Location: not assigned , Slot 2

Slot Identification
Name:
 Restore upon Install

Locate Module

Hardware Switch Controls
Module Status Reporting Enabled Asynchronous Status Reporting Enabled

Slot SNMP Trap Reports

	Slot Fault	Module Removed	Signal Loss	Reference Loss
Enabled	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Trap Severity	Alarm	Warning	Warning	Warning

Callouts on the left side of the page:
- Name the module slot (points to the Name field)
- Check box to restore saved config when new module installed (points to the Restore upon Install checkbox)
- Learn module configuration to this slot (points to the Learn Module Config button)
- Enable/disable module locator function (points to the Locate Module dropdown)
- Read-only status of 2000NET module hardware settings necessary for enabling SNMP Trap Reports (points to the Hardware Switch Controls section)
- Enable/disable specific SNMP reports for the slot (points to the Slot SNMP Trap Reports table)
- Read-only severity level assigned to each event (points to the Trap Severity row in the table)

Control Panel Interface

2000NET module software now allows interfacing the Kameleon 2000 Series frame modules to an external control panel through the local network for controlling a number of configuration and control parameters.

Refer to the documentation that accompanies the control panel for specific installation and operation instructions. Control panel mnemonics for each type of media module are included in the instruction manual for each module.

NetConfig Interface

With this software release, Kameleon 2000 Series frames can interface with NetConfig (Network Configuration Tool) when it becomes available. NetConfig is a PC software tool for configuring and setting up NetConfig-enabled Thomson Grass Valley devices.

Note NetConfig applications with software version 1.8 and later will operate with the 2000 frame with version 3.1.0 software as described in the NetConfig manual.

Frame Configuration Web Page


The Frame Configuration page has been revised as shown in [Figure 2 on page 7](#).

Save/Load Frame Configuration

To save a frame configuration file, type a filename in the **Enter Filename** field and click on the **Save To** button. Follow the file download instructions for saving the file. This file can be recalled on this or any other networked 2000 frame to create a duplicate configuration.

Use the **Browse** button to locate a saved file or enter a file name into the display. Select the **Load** button to load the selected configuration to the frame.

Figure 2. 2000 Frame Configuration Information

Configuration  Screen Refresh button

Model: 2000T3N Description: Module Frame
 Frame Location: not assigned

Locate Frame

Flash Off

To locate the 2000 frame in your facility, flash the bi-color Status LED on the 2000NET module. It is visible through the Status lens on the front cover.

Save/Load Frame Configuration File

Save the current frame and slot configuration to a file

Save to... Browse...

Enter filename: Enter a path and filename to a saved frame configuration file (file name is a default and cannot be changed)

Load the selected configuration file

Frame Identification

Name the frame

Frame Name:

Enter an index number for use in SNMP networking tables (not required)

Frame Index:

Enter a location name

Frame Location:

Enter IP Address for online manual server

Documentation Server Address:

Frame SNMP Trap Reports

Enable or disable the status reports used in SNMP network monitoring system

	Frame Bus Status	Fan Status
Enabled	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Trap Severity	Alarm	Alarm

Note: To enable a report, on-board switches must also be enabled

Important Notes

Important notes concerning any known software and operating issues in this release have been included in [Table 1](#).

Table 1. Known Software and Operating Issues

Area	Issue	ID
NetCentral	Accessing the Kameleon web browser interface and downloading software from within NetCentral does not work properly in the current release. For best results, access a frame by entering the Frame IP address directly in the browser address line. Download software as described in the current 2000NET manual. See Acquiring Software below.	29603, 31036
Slot SNMP Trap Reports	Slot SNMP Trap Report enables and disables on media module slot config and power supply configuration pages cannot be changed. Frame and Net Card SNMP Traps work properly.	31230

Acquiring Software

The latest software for the 2000NET module is available from the Thomson Grass Valley ftp site at the following URL:

www.thomsongrassvalley.com/downloads/

Update the 2000NET module software as described in detail in the 2000NET Instruction Manual available online.

Accessing Reference Documents

For on-line access to any of the reference documents referred to in this Release Note, return to the Thomson Grass Valley home page and select the links described below.

- On-line access to instruction manuals in PDF format is available at <http://www.thomsongrassvalley.com/docs>. For this module, select Modular Products/Kameleon AV Media Processing System Products/Control and Monitoring, then select the 2000NET Network Interface Module link.

All of the documents referred to may also be ordered in hard copy from any Thomson Grass Valley Sales or Customer Service source. Refer to [Contacting Grass Valley Group](#) at the front of this document.



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