



Extreme SCSI

Features List

New Features...

1. New Spec-based Command GUI provides full byte/bit representation of commands
2. New Buffer Window provides multiple ways to view data replies, including the new Structure method which makes interpreting the data easy.

I. SCSI Commands

1. Issue any SCSI command to any device
2. Create and save a library of your own custom commands
3. Watch as the commands are executed to each device, view the status, sense data and error descriptions in real-time.
4. Save command histories for the last several commands, up to 32,768 commands can be saved in sequence order at once.

II. Buffer Viewing/Manipulating

1. View Read, Write and Sense buffers for any drive in either Hex or Structured mode which interprets data according to reply definitions.
2. Fill buffer ranges with constants or advanced patterns.
3. Copy buffers from one device to another, or copy Read buffers to Write buffers and back
4. Fill buffer windows for outgoing commands by using a spec Structure for intuitive and easy buffer preparation
5. Load and Save buffers for later use

III. Device Setup

Microcode Download

Download firmware to hundreds or thousands of devices simultaneously using burst mode or segmented downloads!

Interactive Mode Select

1. Query any mode page on any device using a graphical interface.
2. Modify mode page settings to hundreds or thousands of devices simultaneously.
3. Create and save your own custom mode pages (vendor unique etc.!) These pages will then be able to be manipulated graphically as if they were integrated into the software.

Interactive Log Sense

Same concept as Interactive Mode Select with Log Pages.

Interactive Inquiry

Same concept as Interactive Mode Select with Inquiry Pages.

Interactive Diagnostics

Same concept as Interactive Mode Select with Diag Pages.

Interactive Format

1. Format hundreds or thousands of devices simultaneously.
2. Modify capacity and block size to make devices exactly the same size for your RAID implementations.

III. Media Tools***Translate LBA***

Translate a list of Logical Block Addresses (LBA's) to physical (Cylinder, Head, Sector) representations on as many devices as you would like, simultaneously!

Defect List Manager

View and Graph the Primary or Grown Lists on your devices.

Corrupt

Create errors on your media! You can intentionally create recoverable or unrecoverable errors on your Direct Access Devices (hard disks etc.) at any location you desire. Extremely useful for testing the robustness of RAID adapters, switches, hubs, bridges and routers.

Media Viewer

View the contents of any single LBA (Logical Block Address) on any Direct Access Device (Hard Drives etc.).

Virtual Jukebox

Manipulate the robotics in your Medium Changers with this innovative tool. Allows you to select Transport Elements, Data Elements and Storage Elements and manually manipulate them.

IV. Canned Tests***Command Compliance***

Test for device compliance on any SCSI command. Test all commands simultaneously.

Reserved Bit Testing

Test for Reserved Bit compliance on any SCSI command. Test all commands simultaneously.

Random Command Testing

Randomly issue commands to a device.

Disk/Tape/Media Changer Verification

Write (random and sequential), Read (random and sequential) and Seek (random) for specified time limits on multiple devices simultaneously. Move elements and stress tape for changer verification.