RAID Interactive
Simulator 3 (Discrete RAID controller)
User’s Guide
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## Saving the configuration
Main Menu
Use this menu to navigate through different menus and windows of the simulator.
• **Advanced Software Options**
   MegaRAID Advanced Software Options enabled special functionality or features that may not be available in the standard configuration of the controller.

• **Controller Selection**
   A form where the user can select an adapter.
**Controller Properties**

A window where the Console Controller Information can be seen.

![Controller Properties Window](image-url)
• **Scan Devices**  
Select this function to scan and update devices present in the simulator.

• **Virtual Drives**  
Select this function to initialize, check consistency, and update parameters of the virtual drives.

![](image1.png)

• **Drives**  
Select this function to rebuild or set properties of drives present in the simulator.

![](image2.png)
• **Events**
  Select this function to view the sequence of events occurred in the past.

**Configuration Wizard**
Configuration Wizard guides the user through the steps for configuring the MegaRAID system easily and efficiently.

1. Drive Group definitions  Group drives into Drive Groups.
2. Virtual Drive definitions Define virtual drives using those drive groups
3. Configuration Preview Preview configuration before it is saved.

Please choose appropriate configuration type:
- Clear Configuration Allows you to clear existing configuration only
- New Configuration Clears the existing configuration. If you have any existing data in the earlier defined drives, the data will be lost.
- Add Configuration Retains the old configuration and then adds new drives to the configuration. This is the safest operation as it does not result in any data loss.
• Creating or Adding New Configuration
This function allows user to create or add new RAID configurations. The user can choose from Manual Configuration or Automatic Configuration.

Automatic Configuration
Automatically create the most efficient configuration.

Configuration Preview
Manual Configuration
Manually create drive groups and virtual drives and set their parameters as desired.

- Selecting Drives to Drive Groups
  The user adds drives to a series of array of drive groups.

  **Note:** Selecting multiple lines of drivers at a same time using Ctrl + Mouse click is not supported in this simulator.
• **Span Definition**  
The user selects arrays and adds it to the Span list

![Span Definition Image](image1)

• **Virtual Drive Definition**  
The user can set properties of a virtual drive.

![Virtual Drive Definition Image](image2)
• **Configuration Preview**
  Summary of the configured virtual drives

![Configuration Preview](image-url)
• Saving the Configuration

**Note:** Due to limitations of the simulator, the process of RAID Configuration Simulation concludes here. Clicking YES button will display a message box, Click OK to return to the main window and start all over again, click CANCEL to return back to your configuration.