

## Hitachi Storage Navigator Modular 2 for AMS V9.33 Release Notes (Rev.1)

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## About This Document

This release note document provides late-breaking information about the Hitachi Storage Navigator Modular 2 Storage Management Software (abbreviated Navigator 2). It includes information that was not available at the time the technical documentation for this product was published, as well as a list of known problems and solutions.

## Intended Audience

This document is intended for Hitachi Data Systems customers and authorized service partners who license and use Navigator 2 to implement a tiered storage solution and manage the data lifecycle on a Hitachi Adaptable Modular Storage (AMS) 2000 Family systems.

## Getting Help

If you purchased this product from an authorized HDS reseller, contact that reseller for support. For the name of your nearest HDS authorized reseller, refer to the HDS support Web site for locations and contact information. To contact the Hitachi Data Systems Support Center, please visit the HDS Web site for current telephone numbers and other contact information: <http://support.hds.com>.

## About This Release

This release covers version 9.33 of Hitachi Storage Navigator Modular 2 storage management software that manages the AMS systems.

## Key Product Features

Navigator 2 consists of a graphical user interface (GUI), and underlying software that is used to configure and manage the storage functions on the Hitachi AMS and SMS arrays. The general features and capabilities of Navigator 2 are described in the following table.

**Navigator 2 Key Features for AMS and SMS**

Function	Description	AMS	SMS
		Firmware support	Firmware support
Add Array	This feature uses a wizard to guide Storage Administrators through the discovery of the arrays.	✓ 0800/A and later	✓ 1800/A and later
Initial Setup	This feature uses a wizard to guide Storage Administrators through the configuration of the array for operation in their environment.	✓ 0800/A and later	✓ 1800/A and later
License Installation	This feature provides installation and management of array-based storage features software.	✓ 0832/A and later	✓ 1810/A and later

## New Product Features

Function	Description	AMS	SMS
		Firmware support	Firmware support
Create Logical Units	This feature is used to create and allocate volumes to hosts.	✓ 0832/A and later	✓ 1810/A and later
Performance	This feature provides output text file of performance and tuning parameter.	✓ 0800/A and later	✓ 1800/A and later
Update Firmware	This online feature is used to upgrade the array firmware.	✓ 0832/A and later	✓ 1810/A and later
Backup	This feature provides backup of the array volumes.	✓ 0832/A and later	✓ 1810/A and later
Monitor Alerts	This feature is used to monitor the health of the arrays.	✓ 0832/A and later	✓ 1810/A and later

## New Product Features

Navigator 2 adds the following new features to the storage management operations.

### Navigator 2 New Features for AMS and SMS

Function	Description	AMS	SMS
		Firmware support	Firmware support
Support Array	DF800E-XS iSCSI I/F is supported.	✓ 0893/B and later	N/A

## Improvement Features

None

## **New System and Hardware Requirements**

None

## **Fixed Problems**

None

## **Known Problems**

None

## **Notes on Installation**

None

## **Documentation**

### **Related Documents**

None

### **Documentation Update**

- MK-97DF8153-07 Hitachi Storage Navigator 2 Command Line Interface (CLI) Replication Reference Guide for AMS
- MK-97DF8039-08 Hitachi Storage Navigator 2 Advanced Settings User's Guide
- MK-97DF8019-02 Hitachi AMS 2000 Data Retention Utility User's Guide
- MK-99DF8208-02 Hitachi Storage Navigator Modular 2 User's Guide
- MK-97DF8147-06 Hitachi Storage Navigator Modular 2 Storage Features Reference Guide for SMS
- MK-97DF8039-15 Hitachi Storage Navigator Modular 2 Command Line Interface (CLI) Unified Reference Guide

### **Documentation Errata**

None