



# **Veritas InfoScale™ Solutions Licensing Guide**

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# Veritas InfoScale™ Solutions Licensing Guide

## Purpose of this guide:

This document is primarily to serve as a licensing reference guide on options available for Veritas InfoScale products that include InfoScale Foundation, InfoScale Storage, InfoScale Availability, and InfoScale Enterprise. All pricing and SKUs should be obtained from the current appropriate regional price list. Veritas reserves the right to change this document at any time without notice.

## Table of Contents

<b>Product Overview</b> .....	<b>3</b>
<b>Licensing Meter</b> .....	<b>4</b>
<b>Per Core for Linux, Unix, and Windows</b> .....	<b>4</b>
<b>Per Server for Unix</b> .....	<b>4</b>
<b>Licensing for Virtual Server Environments</b> .....	<b>4</b>
<b>Licensing Models</b> .....	<b>5</b>
<b>License Upgrades and Transfer</b> .....	<b>5</b>
<b>Version Upgrades</b> .....	<b>5</b>
<b>Cross-grades</b> .....	<b>6</b>
<b>License Keys</b> .....	<b>6</b>
<b>Permanent License Keys</b> .....	<b>6</b>
<b>Keyless Licensing</b> .....	<b>6</b>
<b>Evaluation</b> .....	<b>7</b>
<b>Support and Maintenance Service Offerings</b> .....	<b>7</b>
<b>Contacts</b> .....	<b>7</b>

# Veritas InfoScale™ Solutions Licensing Guide

## Product Overview

Veritas™ InfoScale addresses enterprise storage management and IT service continuity needs. It draws on Veritas' long heritage of storage management and availability solutions to help IT teams realize reliable, predictable, and high performing operations across their physical, virtual, and cloud infrastructures. It incorporates the technologies underlying the Storage Foundation High Availability family and provides software-defined storage and resiliency for critical services across the data center infrastructure. The solution provides high availability and disaster recovery for complex multi-tiered applications across any distance.

**Veritas InfoScale™ Foundation** delivers basic heterogeneous storage management while increasing storage utilization and enhancing storage I/O path availability for physical and virtual environments.

**Veritas InfoScale™ Storage** enables organizations to provision and manage storage independently of hardware types or locations while delivering predictable Quality-of-Service, higher performance, and better Return-on-Investment.

**Veritas InfoScale™ Availability** helps keep an organization's information and critical business services up and running on premise and across globally dispersed data centers through local clustering and disaster recovery to remote sites.

**Veritas InfoScale™ Enterprise** addresses enterprise IT service continuity needs. It provides resiliency and software defined storage for critical services across your datacenter infrastructure.

The Veritas Storage Foundation and High Availability product functionality is included in the InfoScale products as follows. For details, please visit the [SORT](#) web site.

SF HA Product	InfoScale Foundation	InfoScale Storage	InfoScale Availability	InfoScale Enterprise
Dynamic Multi-Pathing	✓	✓		✓
Dynamic Multi-Pathing for VMware	✓	✓		✓
Storage Foundation Basic	✓	✓		✓
Storage Foundation Standard	*	✓		✓
Storage Foundation Enterprise		✓		✓
Replicator Option		✓		✓
Cluster File System**		✓		✓
Cluster File System HA**				✓
Cluster Server (HA and HA DR)			✓	✓
Storage Foundation for Oracle RAC**				✓
Storage Foundation for Sybase ASE CE**				✓
Storage Foundation HA for Windows				✓

\*A subset of Storage Foundation Standard features; \*\* Linux and Unix only

# Veritas InfoScale™ Solutions Licensing Guide

## Licensing Meter

Veritas InfoScale products are available on two licensing meters: per Core and per Server (Server-Tiers).

### Per Core for Linux, Unix, and Windows

- One license is required for each “Core” where a Veritas InfoScale product is deployed and running, regardless of server models and processor architecture.
- A “Core” is defined as a functional unit on a processor that reads, interprets, and executes computer instructions, including instructions from the licensed software.
- A "Core" refers to the processor or execution core contained in the same integrated circuit within a computer’s central processing unit, whether such Cores are virtual or physical.
- A multi-core processor is a single computing component with two or more independent "Cores".
- Only cores that are in use need to be licensed. Cores disabled at the kernel level do not require licenses.
- Available for Linux, Unix, and Windows.

### Per Server for Unix

- One license is required for Server.
- Hardware servers are assigned to 12 server tiers based on relative performance.
- Available for Unix only.

### Licensing for Virtual Server Environments

Customers running InfoScale products in virtual server environments are required to acquire licenses only for the Cores that are running the products, regardless of the virtualization platform. The process for counting cores for virtual machine (VM) deployments is as follows.

1. Determine the number of virtual Cores assigned to all VMs by the guest OS.
2. Determine the number of physical Cores available to the VMs.
3. Compare the total number of virtual cores assigned to VMs and the total number of physical Cores available to the VMs.
4. The number of Cores to license is the minimum between the number of virtual Cores assigned to all VM instances and the number of physical Cores available to them.

In a public cloud environment where the InfoScale products are deployed using a Bring Your Own License (BYOL) model, different CPU ratios may apply. The ratios are outlined below.

Cloud Platform	Core Ratio	Example
Amazon Web Services (AWS)	2:1	8 AWS vCPU = 4 InfoScale cores

# Veritas InfoScale™ Solutions Licensing Guide

## Licensing Models

Customers may purchase either perpetual or subscription licenses for the Veritas InfoScale products running in a Linux or Windows environment. Maintenance/Support is included in a subscription, which is available on 12-month, 24-month, or 36-month basis. Unix solutions are available through perpetual licenses.

## License Upgrades and Transfer

### Version Upgrades

Customers who purchased Storage Foundation High Availability solution perpetual licenses and have current maintenance/support for those licenses are eligible for upgrade to the InfoScale products at certain defined conversion ratios. Customers who do not have current maintenance/support have the option to reinstate maintenance/support and pay requisite fees in order to become eligible to upgrade to the current version.

Customers can utilize the [InfoScale Entitlement Calculator](#) in the SORT web site to calculate the conversion of the SFHA per SPVU or OS Edition tier license entitlements to InfoScale per Core entitlements. The calculation helps enable compliance analysis for the Per-Core pricing meter of the Veritas InfoScale product family. The tool also helps determine the InfoScale product entitlement after the transition to the InfoScale product family. The total number of licenses after conversion will be rounded up to the next whole number.

The screenshot shows the 'InfoScale Entitlement Calculator' web application. The navigation bar includes 'SORT', 'Downloads', 'Documentation', 'Assessments', 'My Systems', 'My Reports', 'Notifications', and 'Support'. The 'Assessments' menu is open, showing options like 'About Assessment', 'Install and Upgrade', 'Risks', 'Licenses', 'SPVU Calculator', 'InfoScale Entitlement Calculator', and 'VxExplorer'. The main content area has a title 'InfoScale Entitlement Calculator' and a description: 'This tool allows you to calculate the conversion of OS Edition tier license entitlement to InfoScale Per Core entitlement to enable compliance analysis for the Per-Core pricing meter of the Veritas InfoScale product family. This conversion tool will also help you determine the InfoScale product entitlement after transitioning to the InfoScale product family.' Below the description are input fields for 'Platform' (Windows), 'Product' (Dynamic Multi-Pathing), 'Tier Type' (SPVU), and 'SPVU' (400), along with a 'Convert' button. A 'Calculation Results' table shows the conversion of Windows Dynamic Multi-Pathing (400 SPVU) to InfoScale Foundation (20 cores). At the bottom, there is an 'InfoScale Entitlement Conversion list' with a 'Save as Excel' button and a 'Clear list' link. The list is divided into 'Per Core Licensing' sections for 'LINUX' and 'WINDOWS'. The LINUX section shows Storage Foundation for Oracle RAC Enterprise HA (780 SPVU) converting to InfoScale Enterprise (20 cores). The WINDOWS section shows Storage Foundation Standard (1 SPVU) converting to InfoScale Storage (24 cores).

Platform	Current Product name	SPVU	OS Edition tier	Entitled InfoScale Product	InfoScale Entitled Cores
WINDOWS	Dynamic Multi-Pathing	400	N/A	InfoScale Foundation	20

Current Product name	SPVU	OS Edition tier	Entitled InfoScale Product	InfoScale Entitled Cores
<b>LINUX</b>				
Storage Foundation for Oracle RAC Enterprise HA	780	N/A	InfoScale Enterprise	20
<b>WINDOWS</b>				
Storage Foundation Standard	1	1 SKUs of Tier 3 (Data Center)	InfoScale Storage	24

# Veritas InfoScale™ Solutions Licensing Guide

## Cross-grades

Cross-grade is defined as a license transfer of a “lesser” product to a more full-featured product that includes the “lesser” product’s functionality. Four cross-grades SKUs for the InfoScale products are available for purchase.

Lesser Product	More Full-Featured Product	License Transfer Ratio
InfoScale Foundation	InfoScale Storage	1 : 1
InfoScale Foundation	InfoScale Enterprise	1 : 1
InfoScale Availability	InfoScale Enterprise	1 : 1
InfoScale Storage	InfoScale Enterprise	1 : 1

## License Keys

Customers can choose either permanent license keys or keyless licensing to install and use InfoScale products, except for DMP for VMware for which permanent license keys are required.

### ***Permanent License Keys***

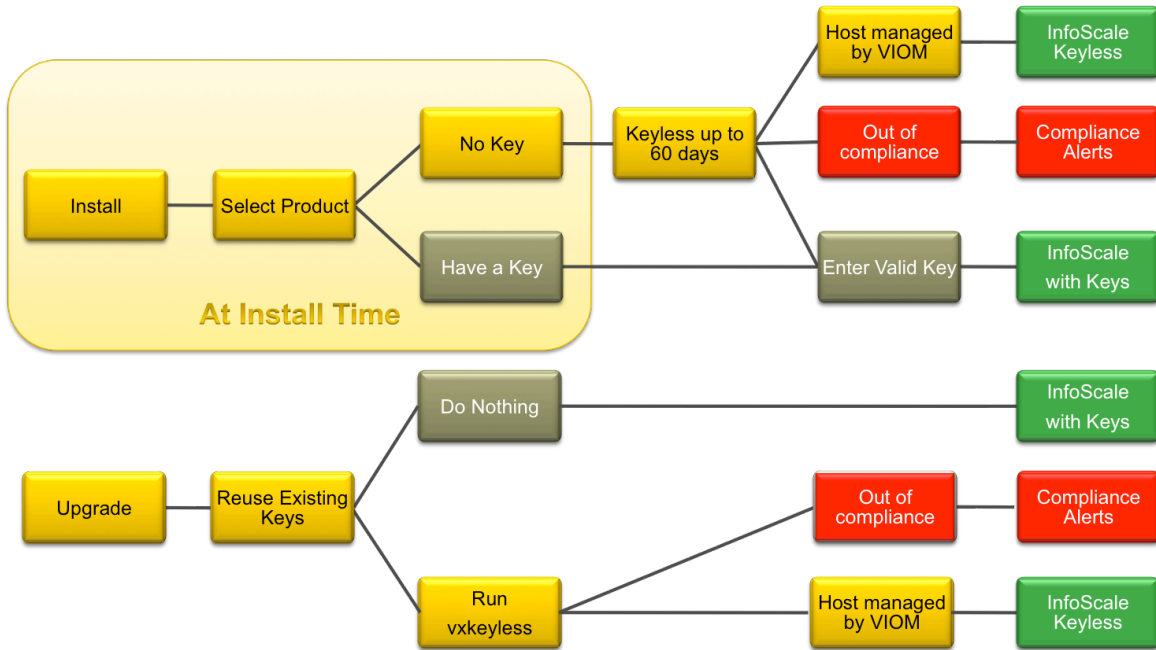
License keys can be obtained through either of the following options:

1. Download from [Veritas Licensing Portal](#). Within 60 days of choosing this option, a customer must install a valid license key corresponding to the license level entitled to comply with the End User License Agreement
2. Upon purchasing an InfoScale product, a customer will receive a License Key certificate. The certificate specifies the product keys and the number of product licenses purchased.

### ***Keyless Licensing***

With Veritas InfoScale Operations Manager, customers have the option to install Veritas InfoScale products without a license key, except for DMP for VMware for which permanent license keys are required. However, installation without a license does not eliminate the need to obtain a license to ensure entitlement and compliance. Within 60 days of choosing this option, customers must install a valid license key corresponding to the license level entitled, or continue with keyless licensing by managing the systems with Veritas InfoScale Operations Manager to comply with the End User License Agreement. For more information about keyless licensing, visit the [Veritas Licensing Support](#) website.

# Veritas InfoScale™ Solutions Licensing Guide



Full details and FAQ are available at the [Keyless Feature Enablement](#) page.

## Evaluation

Evaluation keys are created for all InfoScale functionalities, except for DMP for VMware that requires the evaluation key. Customers are encouraged to use the keyless mode for evaluation of the InfoScale products for up to 60 days.

## Support and Maintenance Service Offerings

Veritas Enterprise Support Services provides unmatched expertise, innovative support technology, and customer advocacy through a portfolio of flexible offerings designed to optimize IT infrastructure and manage IT risk.

Investment in Veritas products can be maximized by keeping them fully functional and up-to-date through Veritas enterprise support services - a vital component of a successful IT risk management program. For more information, visit [Veritas Enterprise Support page](#).

## Contacts

Team	Contact Information
Technical Support and Customer Support	<a href="https://www.veritas.com/content/support/en_US/contact-us.html">https://www.veritas.com/content/support/en_US/contact-us.html</a>