

Stratus Avance Software

Cost-effective uptime assurance for small and medium businesses



Automatic
uptime

Simple
deployment

Highly
affordable

Uptime assurance. For small to mid-sized businesses.

Designed to prevent downtime and data loss, Stratus® Avance™ software is an integrated, easy-to-use, solution that reinvents high availability (HA). Its fundamental advantages, automatic uptime and operational simplicity deliver a lasting benefit you won't get from other HA solutions — lower IT costs. From its one-step installation to its single management console to its low purchase price and ownership costs, Avance brings immediate value to small and mid-sized businesses. Like yours.

Instant high-availability for x86 servers

Avance software delivers automatic uptime that is far superior to clusters or standby solutions. Designed to configure and manage its own operation, this highly automated software makes setting up application environments easier and more economical than ever before. With just a few key strokes, Avance software transforms a pair of standard x86 servers into a high-availability platform that shields applications from the high costs of downtime, data loss and reduced productivity.

Businesses with limited IT resources soon discover that cost-effective Avance solutions are even easier to live with. Built-in predictive features automatically identify, handle and report faults. And full resource sharing among the x86 server pair allows the system to use unaffected components if a hardware or software error is imminent. As a result, your applications continue to run uninterrupted — without any extra effort on your part.

Benefits to your business

■ Automatic Uptime

- >99.99% availability: less than one hour of downtime per year on average
- Prevents unplanned downtime and data loss
- Reduces planned downtime

■ Simple Deployment

- No specialized IT skills required
- Automated 24/7 monitoring, fault-handling and call-home notification
- Lights-out management: manages its own operation with little user intervention
- No application customization needed
- Supports heterogenous environments, Windows® and Linux® operating systems

■ Highly Affordable

- Low acquisition and management costs
- Nothing else to buy: no SAN, no third-party management software is necessary
- Enables server consolidation



The German Automobile Club (ADAC) diagnostics unit requires high-availability

“We needed a solution that we could run reliably without a lot of training and constant administration.”

– **ULF Farger**, Project Team Leader, ADAC

Automated, advanced features that no other solution offers.

Human error is the number one cause of IT downtime. The highly automated features found only in Stratus Avance software minimize your exposure to operational error and free up your valuable time and resources.

Cost-effective infrastructure

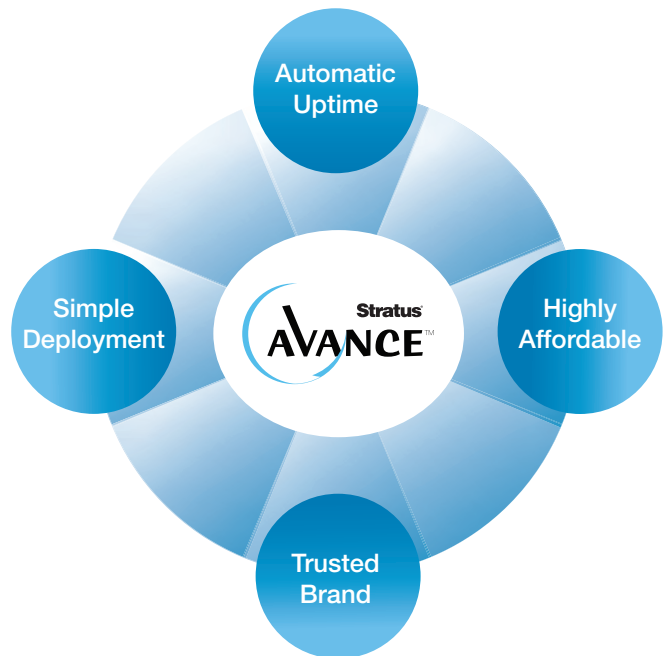
Avance software eliminates the specialized hardware, storage area networks (SAN) and trained technical teams required for cluster implementations. A pair of x86 servers with embedded storage is the only infrastructure you'll need to set up and run an Avance high-availability solution. Integrated no-cost virtualization provides for additional configuration flexibility and server consolidation.

Simple to set-up and use

If you can set up an industry-standard server, you can install Avance high availability. You benefit from >99.99% uptime and comprehensive data protection as soon as you load Avance software onto a pair of x86 servers. There are no clusters or standby servers to configure and test, no failover scripts to write, and no changes to make your applications cluster-aware. And, unlike other solutions, identical servers are not required.

Predictive fault handling

Avance software automates fault detection and error handling. Applications ride through most causes of system interruption, including disk and network subsystem failure. As a result, you avoid the processing blackout, data loss



Industry-leading uptime — backed by Stratus' 30 years of availability innovations and expertise — make affordable Avance solutions the best HA option for your business.

and user disconnects that a traditional cluster failover or server outage entails.

Trusted brand

Your Avance solution is backed by the industry leader in IT availability. Avance breakthrough software is based on Stratus' 30 years of technology innovations — proven in the world's most demanding application environments.



Avance HA collects weather data 24/7/365 in Barrow, Alaska

“The remoteness was a big concern. The servers were going to be in a data center, but there was no full-time engineer on site. A server outage could knock out the system for several days, at least.”

– **Tim Rettig**, President, INTRUST GROUP

Comprehensive unbeatable uptime for all applications.

Built-in 24/7 monitoring

Avance software continually monitors server operation and applications heartbeat — automatically predicting events and handling faults 24/7. Our built-in prognostic tools identify and address most hardware and software problems before they occur.

Real-time data synchronization

Data is automatically mirrored in real time to the secondary server node. If a server node is repaired or upgraded, Avance software re-synchronizes the node automatically upon its return to service. This ensures you of maximum protection against loss or corruption of business data.

Automated live migration

Upon sensing a problem in one server, Avance software seamlessly migrates applications to the unaffected server where processing continues uninterrupted. In the event of a complete server failure or natural disaster, Avance software generates an automatic “rapid restart” that lasts just seconds. The built-in prognostic tools isolate the problem to the component level and “call home” for repair.

No administrative intervention or specialized hardware is required to initiate any of these features, making Avance software ideal for businesses with little or no on-site IT expertise.

Notification and Alerts

Avance e-mail alerts, notification tools and call home capabilities keep your staff and Stratus’ global support organization constantly informed with up-to-the minute information that enables rapid problem resolution.

Disaster recovery

To ensure minimal downtime and rapid recovery from localized disaster, Avance split-site deployment allows you to separate server nodes up to three miles apart. Unlike traditional disaster recovery solutions that simply keep a copy of data in backup, your Avance solution continues to replicate data to the second location in “real-time”.

Remote management

Your Avance solution presents a streamlined single-system image that is easy and cost-effective to manage. Support professionals can remotely monitor and manage the servers, virtual machines, and network interfaces from the integrated web-based Avance management console.

Online upgrades

Avance live migration features also help you minimize planned downtime for upgrades and system maintenance. Production is transferred to the other member of your server pair before the upgrade process. When the system is brought back online, the nodes are automatically resynchronized without missing a beat.



Leading regional daily paper relies on Avance to publish the news

“Including the additional hardware requirements, a classic virtualization solution would have cost about 40% more and a cluster solution would have cost about 50% more.”

– **Walter Hoffmann**, Head of IT, Stader Newspaper

Support geared to the needs of small-to-medium businesses.

Avance Software Support Services

Service Component	Coverage
Access to software advice	• 24/7
Critical problem engineer response time	• 60 minutes
Access to availability engineers to address critical problems	• 24/7
Web-based support portal access	• 24/7
Software update subscription	• Included
Remote monitoring	• 24/7
Secure remote access	• Internet bi-directional
Contract term	• 1, 2 or 3-year contract terms available

24/7 software support coverage

Our 24/7 support services are second to none for uptime protection. You can count on Stratus for fast relief from high-impact issues, timely incident resolution, quality fixes and prompt attention to routine support requests and maintenance updates.

High-priority service model

Stratus' high-priority service model ensures around-the-clock remote monitoring with engineer response time to critical calls within sixty minutes of notification. Avance software's built-in monitoring, fault-detection and call home features provide the detailed information we need to keep your HA environment running at peak performance.

This comprehensive blend of technology and personal attention is just one of the reasons why Avance software is the ideal solution for small to medium businesses with minimal IT resources.

Professional and managed services

Stratus and its partners can supplement your IT resources with solutions that are fully customized for your business. These complementary solutions services encompass a range of technology-enabled services, including comprehensive support for recovery services, change management, performance management, security and virtualization as well as management of multi-vendor IT infrastructures.

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Compare the Stratus Avance software difference.

	Features	Standby Servers	Clusters	Avance Software
Uptime	Unplanned downtime*	• 87 hours / year	• 9 hours / year	• 1 hour / year
	Failure recovery time	• Hours	• Hours	• Less than 40 sec
	Recovery effort	• Manual	• Requires failover scripting, testing	• Fully automated
	Fault detection	• No	• No	• Yes; automatic
	Planned downtime	• Extended	• Requires restart	• No planned downtime
Deployment	Set-up time	• Hours	• Days to weeks	• Less than 1 hour
	Administration	• NA	• Complex and manual	• Simple / automated
	Expertise / training	• Yes	• Significant	• None
Cost	Initial purchase price	• Low cost	• High cost	• Low cost
	Maintenance costs	• Low	• Very high	• Very low
	SAN	• Not required	• Required	• Not required
	Built-in Management	• No	• No	• Yes

* Approximate yearly average

Take the next step

- Arrange a demo
call: 1-800-Stratus or email: AvanceDemo@stratus.com

Learn more at: www.stratus.com/avance

