Home   Case Studies   AV Global Corporation Pvt

Case Studies

By Industry

By Region

By Products

By Solutions

AV Global Corporation Pvt

High Availability (HA) Solution for Global Logistics Companies

NEC's latest HA Solution "EXPRESSCLUSTER X" was equipped in the global leading logistics company to ensure disaster recovery and business continuity.

English

Mr. Vijay Mehta,
Managing Director,
AV Global Corporation
Pvt. Ltd.

"The solution provided by NEC meets our expectation, ensures business continuity and protects mission critical applications.
We have significantly benefitted from this solution."

Introduction

Downtime in any business results in loss of business opportunity. Hence corrective measures need to taken to ensure business continuity at all times. AV Global a leading logistics solution provider was faced with a similar problem. They needed a solution that could take care of system failures, application failures and OS. NEC EXPRESSCLUSTER software was chosen to achieve fast, automatic failover that ensured business continuity and disaster management.

EXPRESSCLUSTER family of integrated High Availability (HA) and Disaster Recovery (DR) software enables fast recovery and continuous protection of critical applications and data. This software observes system operations, detecting failures and automatically transferring operations to a standby server that continues to carry out application workloads. Unplanned downtime mitigation against hardware, software, and site failures and planned downtime mitigation against periodic hardware and software maintenance tasks that require system restart are also addressed.

Challenges

AV Global, a renowned logistics solution provider required a solution that could take care of downtime that resulted from system failures, OS & application failures.
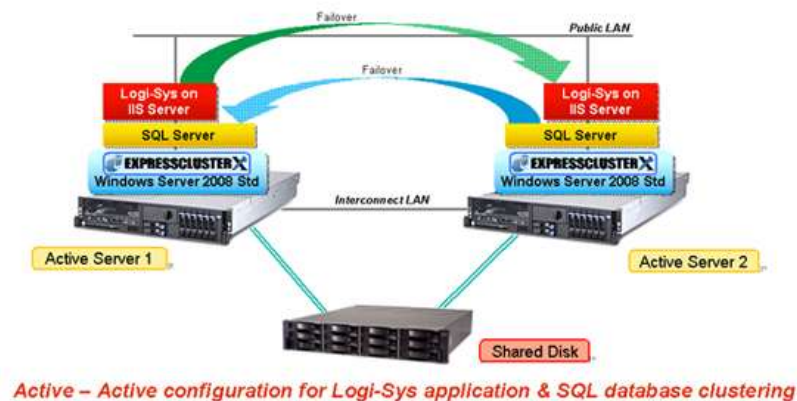
Implementing plans to ensure business continuity for IT infrastructure is an essential requirement for organizations today. Downtime of important applications is a costly proposition and extended downtime can even be fatal. Downtime in terms of system failures, application failures & OS result in huge revenue loss for a corporate.

To be a premiere logistics company it is important to provide quality service to the customer efficiently and cost effectively. Hence to ensure this, it is critical to have an IT solution that can meet not only current but also future IT requirements.

Solution

NEC's EXPRESSCLUSTER software was chosen to achieve fast, automatic failover & recovery of logistics applications in the event of OS, hardware and application software failure. EXPRESSCLUSTER provides protection against planned and unplanned failures of AV Global's IT infrastructure.

It act as a constant server monitor that detects the problem and provides automatic recovery to minimize the server downtime

Active – Active configuration for Logi-Sys application & SQL database clustering

NEC's EXPRESSCLUSTER X software provides:

Ultimate business continuity solution with scaling up to their future Disaster Recovery need.

Protection against planned and unplanned failures to AV Global critical IT infrastructure.

Acts as a constant server monitor that detects problem and provides automatic recovery to minimize the server downtime to 2 minutes.

The software's salient features include:

(1) Supports Non-disruptive Failover for Virtualization Systems: Enables coordination with virtualization software. Operations can quickly resume facilitating application workloads on virtual machines to restart activity in the same position as just prior to a failure.

(2) Accelerated Data Synchronization: Data synchronization gets significantly accelerated between active servers and standby servers during both a system's initial implementation and its recovery from a failure. This new function, which synchronizes only the actual data on a disk, can complete synchronization of a 1000 GB disk in approximately 10 minutes from initial implementation. Existing technologies require approximately 1,000 minutes carrying out the same task.

(3) Improved Management Interface: In terms of settings, selections appear automatically on screen following the input of a minimum amount of information by the user, which enables settings to be easily selected during the system's initial implementation. Furthermore, the management screen's graphic user interface (GUI) has been improved for greater usability.

Results

EXPRESSCLUSTER has deployed in the customer's site and AV Global enjoys the benefits of this product.

The Logistics system of AV Global is geared up to take peak workloads without experiencing downtime.

AV Global has not experienced a single interruption of service and has experienced assured business continuity.

AV Global met the challenges of providing 99.99% uptime to its business critical "Logi-Sys" system and centralized database running on SQL server.

Mr. Vijay Mehta, Managing Director, AV Global India said - "The solution provided by NEC meets our expectation, ensures business continuity and protects mission critical applications. We have significantly benefitted from this solution. We hope to see NEC empowering enterprises with more innovative technology solutions in future."

About

AV Global is a leading total logistics solution provider, well known in the industry for its dynamic and result oriented approach. With a well versed team of more than 200 employees, AV Global has its corporate office in Delhi and regional offices in Mumbai, Chennai and Kolkata.

The company provides customized logistics solutions & services like custom clearance, international freight forwarding, consolidations, door to door services, warehousing, customized transport solutions, value added services & consulting across India. They have an impressive clientele with a number Fortune 500 companies working with them.

Customer profile

AV Global Corporation Pvt. Ltd.

Type of business	Logistics	
Address	Corporate Office: 201, New Delhi House Barakhamba Road, New Delhi 110001	
URL	http://www.avglobal.in/index.html	

Related Links

EXPRESSCLUSTER

More case studies

    More about case studies on EXPRESSCLUSTER.

Contact

Top of this page

Products & Solutions

Industries

Solutions & Services

Products

Support & Downloads

Support

Downloads

News

Event Calendar

Press Releases

About NEC

Corporate Profile

Investor Relations

NEC Worldwide

NEC Vision for Social Value
Creation

NEC Online TV

NEC Official Linked in

NEC Official Facebook

NEC on YouTube

Terms of Use | Web Accessibility | Privacy Policy | Information Security | Contact Us