Endless
peace of mind.

Empowered by Innovation for uninterrupted
customer satisfaction.

"We had a server failure but
thanks to ExpressCluster X,
we recovered our entire
investment by preventing a
single day of business loss."

Pradip Nepal
Head of Information Technology
ACE Development Bank

Business continuity protection that ensures minimal downtime.

Business goals	Results
• Ensure high availability with minimal user and customer disruptions. • In case of data loss, the data should be restored quickly within the recovery time and recovery point objective.	• Minimum business disruption in case of any failure or disaster. • Zero data loss and quick recovery within minutes.

Empowered by Innovation   **NEC**

EXPRESSCLUSTER X

Ultimate Availability and Disaster Recovery solution for the Banking sector in Nepal.

Nepal's BFI sector comprises 32 commercial banks, 90 development banks, 67 finance companies and 25 micro-finance development banks. A wide array of new financial services such as Electronic Banking, Tele-banking, Electronic Funds Transfer, Electronic Money, Smart Cards, Debit Cards and Credit Cards have been started with the introduction of IT in the BFI sector.

Pradip Nepal
Head of Information Technology
ACE Development Bank

The Challenges

Disasters have urged banks to look for appropriate solution ensuring high availability of their business critical applications. Most companies were using traditional methods for disaster recovery such as backups. Server failures often resulted in hours and sometimes even days of downtime. This was especially critical for companies in the Banking sector where funds are directly involved and customer expectations are high. These inefficient disaster recovery methods were also unable to meet compliance requirements set by various authorities.

The Solution

NEC rose to the challenge by filling this gap within the sector. Working with Mercantile, a leading IT company in Nepal that commands top market share in core banking, NEC was able to implement ExpressCluster X and develop the solutions required.

High Availability Clustering System uses multiple servers to prevent downtime. When a failure is detected, the system quickly falls-over the operations to a standby server in the Mercantile data centre located 300km apart. The entire operation is so seamless that it goes unnoticed by end users. It is this level of efficiency that has made it the system of choice for many banks in Nepal. By ensuring business continuity, NEC ExpressCluster X also prevents or minimises the loss of business opportunities due to maintenance or disasters.

Moreover, customers were able to use existing servers as disaster recovery servers without the need for additional hardware investment.

By leveraging on the existing Pumori-Banking application, NEC together with local partners IEC and Mercantile, were able to provide a comprehensive and well-tested solution that offers network, hosting, software licensing and software implementation and support services.

Setting the benchmark in disaster recovery, NEC ExpressCluster X has achieved top market share* with over 10 years of proven innovation in mission-critical system protection and recovery.

*Sources:
Asia/Pacific (Excluding Japan) Availability and Clustering Software 2010-2014 Forecast (AP2670310S)
Japan System Software 2010-2014 Forecast and 2009 Analysis (J10450103)

Testimonials

"We are extremely satisfied with ExpressCluster and have avoided downtime at multiple instances. The software is easy to use, efficient and does not consume system resources."

Roshan Regmi
Head of IT, NMB Bank

"We chose ExpressCluster after extensive evaluation as it was the only software that was able to seamlessly integrate with all Pumori Plus Modules and flexible enough to meet various customer infrastructure requirements."

Surendra Bajracharya
Sr. Manager of Software Division, Mercantile Office Systems

ROI Achieved

Applications ran smoothly 24/7 and are fully backed up and available online in case of major disasters. When faced with a failure or planned maintenance, downtime was successfully prevented or greatly minimised. Companies were able to continue their business operations without interruption while preventing data loss. The assurance that all data are kept safe was successfully achieved.

Partners:

IEC INTERNATIONAL ELECTRONICS CONCERN P. LTD.

MERCANTILE OFFICE SYSTEMS PVT. LTD.

Pumori Enterprise
A Mercantile product

To learn more about our solutions, visit www.nec.com.sg

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NEC Asia Pacific Pte Ltd
(APAC Regional Headquarters)
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