

# Maxava and IBM i Solution Editions provide leading high availability and disaster recovery



*Integrated functionality delivers rapid recovery,  
ease of use and cost savings*

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## Highlights:

- Provides a comprehensive solution for companies looking for ways to improve the efficiency of data replication and disaster recovery
  - Reduces failover time for fast access to critical data and applications
  - Helps ensure uninterrupted access to systems—no more maintenance shutdowns and lost productivity
  - Saves time and helps lower IT costs with an easy-to-use, web-based monitoring tool
  - Scalable to the most demanding enterprise environment
  - Offers remote monitoring of the IBM® i and Maxava High Availability® Enterprise solution from phones and other handheld devices
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If a company's information systems go down due to a natural disaster or outage, employees throughout the organization are likely to feel the consequences. A major event can set in motion a domino effect that hurts customers, business partners and the bottom line.

To protect against disasters and other outages, many companies choose to back up critical data to a remote recovery site. But these traditional, tape-based disaster recovery solutions can require as much as 48 hours for restoring data—much too long when a company's workforce is waiting for mission-critical systems to become available. Another potential drawback of traditional systems is that tape solutions often store only point-in-time backups, which can be days behind current data.

Companies with critical information to protect require a more robust solution that is both efficient and effective, with data recovery and a failover time counted in minutes, not hours or days. They are also looking for solutions that do not require excessive time and effort for already busy IT staff to implement and administer. Maxava High Availability® (Maxava HA) Enterprise edition software, optimized for the IBM® i operating system and i Solution Editions, is designed to deliver the fast data recovery, ease of use and cost savings that companies require.

## Maxava minimizes data risk with real-time software replication for the midmarket

Maxava has a long history of providing dedicated software and services for IBM i users. The Maxava HA Suite, together with the IBM i Solution Edition for Maxava, can protect data and applications by providing a real-time copy of production data that is always available, minimizing the risk of data loss while protecting business operations from unforeseen events. Maxava HA can be configured with virtually unlimited data streams to help ensure replication occurs in seconds.





Maxava HA Enterprise includes the web-based maxView Monitor tool, which provides real-time feedback about replication status and key IBM i system information. If a threshold is reached on disk utilization, a communications link fails or a problem occurs with a file being replicated, this information is immediately available. The monitoring tool has an intuitive GUI interface that can be read at a glance from any location. Upon receiving an alert, users can then drill down to find the cause.

Another advantage of deploying the solution is the responsive support provided by the Maxava organization. High-quality U.S.-based technical support is backed up by a 24x7x365 international support team in New Zealand, the United Kingdom and Japan. As a result, customers can contact Maxava support at the end of the day, if necessary, and often have the issue taken care of by the time they come in the next morning.

### **IBM servers deliver power and reliability for fast recovery**

The Solution Edition for Maxava enables a high-availability IBM Power Systems™ server to function as the replication target. The Maxava HA software replicates data from an IBM Power Systems server at the primary data center environment to a second IBM Power Systems server located at the recovery

site. Any data changes are continually journaled on the second server, so the organization always has a real-time copy of the changes on another physical system. In case the company has to shut down at its headquarters site, it can quickly recover by bringing up critical applications at the backup location.

IBM i provides the integrated operating environment for many critical applications that run the business. By including a relational database, security, web services, networking and storage management capabilities, IBM i forms a broad and highly stable software foundation for efficiently deploying enterprise resource planning (ERP), customer relationship management (CRM) and other applications that Maxava ensures are always available with highly efficient data replication and recovery.

Companies of all sizes need a cost-effective way to reduce data restoration times and eliminate the risk of data loss in a disaster. Maxava High Availability® Enterprise software and the IBM® i Solution Edition can dramatically speed recovery and simplify administration. Flexibility and scalability also provide ample room for growth.

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*“Our customers need data protection but would rather focus on their business than on IT. Maxava HA on the IBM Power Systems platform allows them to do just that, while having confidence that protection is in place.”*

—Simon O’Sullivan, Vice President of Sales, Maxava

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IBM Power 720 Express (tower)

IBM i Solution Editions are designed to help businesses take advantage of the combined experience and expertise of IBM and independent software vendors (ISVs) in building business value with IT investments. The Solution Editions are built on IBM POWER7® processor-based systems, which represent a true leap forward to more intelligent systems that reduce complexity, decrease energy consumption, minimize downtime and drive down operational costs. Coupled with the total integration delivered by IBM i and the Solution Edition system discount, these solution offerings deliver the performance today’s businesses need along with low cost of ownership. Each Solution Edition provides a simplified, easy-to-manage, high-performance IT environment for core business applications.

Solution Editions are offered through an extensive, highly skilled worldwide network of IBM Business Partners that is backed by the trusted services and support infrastructure of IBM. The IBM i Solution Editions are available for the IBM Power 720 Express and IBM Power 740 Express.

### **Maxava HA on IBM speeds recovery, reduces downtime and is simple to implement and monitor**

The combined Maxava HA and IBM solution can reduce failover time for the IBM i system to minutes. Maxava software on IBM Power Systems also helps minimize downtime for system and application upgrade projects and routine maintenance. Companies can increase production time for the primary system by moving nightly backups to the secondary server, and can transparently move users to the backup system while installing patches or upgrading third-party software on the primary site. Increased production processing time and minimizing downtime for migrations translates into tangible financial benefits.

The ease of monitoring and administering the Maxava HA software can deliver substantial time and cost benefits. Organizations often do not have the IT resources to continuously monitor one application, even something as critical as disaster recovery. With the web-based maxView Monitor tool included in Maxava HA Enterprise, administrators can run a five-minute health check to confirm that Maxava is working and then turn the monitoring over to the maxView tool—saving time, helping to reduce support costs and freeing IT staff for other tasks.

### The bottom line

Together, IBM and leading ISVs provide solutions that combine the power of IBM Power Systems and IBM i with the strengths of business applications, along with superior services and support. IBM i Solution Editions can help businesses achieve:

- Increased insight for more assured decision making
- Improved productivity, efficiency and responsiveness
- Reduced costs through increased flexibility
- Adaptability to business change
- Higher productivity
- Competitive total cost of acquisition and proven total cost of ownership



IBM Power 740 Express (rack-mount)

### For more information

To learn more about the IBM i Solution Editions, please contact your IBM marketing representative or IBM Business Partner, or visit [ibm.com/systems/power/hardware/editions/solutions.html](http://ibm.com/systems/power/hardware/editions/solutions.html) or [maxava.com](http://maxava.com)



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