

Managed Services for SAP on IBM i

Solution Overview

Datanational Corporation, as an IBM Managed Service Provider, has the knowledge and experience to provide around-the-clock system management, monitoring, administration and data protection services for your SAP implementation on the IBM i (AS/400, iSeries) platform. For the past several years, Datanational has worked with the IBM SAP Competency Team out of Rochester, MN to deliver state of the art SAP configurations for the IBM System i platform. In addition to new system sizing and configurations, our solution portfolio includes:

- Remote to Disk Backup Service (eliminate tape backups)
- System Recovery and Remote Recovery Testing
- Dedicated Replicated Systems with High Availability Data Protection
- Production and Target System Management and Hosting
- Legacy Data Hosting – short and long term plans

Remote to Disk Backup

In the simplest form, we provide a remote-to-disk backup solution for SAP on the System i that provides a secured compressed incremental backup of your SAP data to a data vault in a data center here at Datanational in Farmington Hills, MI. This solution delivers a lower cost than in-house on site tape backup solutions provide, and at the same time meet the audit requirements for off-site storage.

Disaster Recovery for IBM System i

Since Datanational provides Hosted and Managed SAP solutions for the IBM System i, and is a Certified IBM Managed Services Partner (MSP), it is only logical that we provide Disaster Recovery solutions which deliver a higher level of personalized service at a lower cost than our nationally recognized competitors. We provide one week of annual testing with a second week available at no additional charge if needed. Our competition typically provides 48 hours for an annual test. They provide a bare metal system, while we provide a fully loaded system from your system save provided to us, and only require the latest copy of your data to load and begin testing. Our clients successfully test their DR strategy on a yearly basis so that we and they can sleep well, knowing that we have a solid B-plan in case of an unforeseen system event. We provide our DR services from a Tier 4 Data center where some of our competitors provide them from a hardware warehouse. We are prepared for the actual running of your production system if it were ever required, not just bare bones testing of your DR plan.



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High Availability

As many organizations standardize on SAP as a centralized solution, the requirement for a mature highly available ERP structure is emphasized. As an IBM Managed Service Provider, Datanational delivers replicated backup systems capable of full fail over from the primary production systems. This configuration includes a hot server with mirrored applications and data using Vision Solutions MIMIX HA replication software. Our standard offering includes remote to disk backup from the target (backup) system which optimizes the up time of the primary production server by eliminating production system downtime for backup. These robust and mature configurations are superior in up time reliability to any single site solution that can be deployed. These solutions also provide added benefit for testing new operating systems and can be used for system upgrades and migrations to new hardware. Our remote to disk backup solution adds value by actually using your target (backup) insurance on a daily basis to significantly reduce the downtime of your actual production system. These are world class solutions, meeting with the most rigorous of requirements for manufacturing and distribution applications.

System Hosting and Management

Our SAP configurations take full advantage of the new Solid State Drive (SSD) technology and deliver world class performance, fully managed by the latest features of the IBM i Operating System. What can be better than automated data management by the Operating System to ensure your SAP production data is fully loaded into memory? Nothing else even comes close, unless it involves a great deal of human intervention and management.

Datanational adds active and passive system monitoring and management on a 7x24x365 basis. We leverage our High Availability and Remote to Disk solutions to provide World Class up time to our SAP clients in robust configurations for lights out operation and highly reliable system delivery. Your company simply uses the application as delivered and focuses on their own business rather than maintaining and managing IT gear and application delivery. This approach frees up your IT Staff to focus on business requirements and process improvement rather than on gear and OS.



Legacy Data Hosting

Datanational's Legacy Data Hosting service is a Secured Cloud based IBM System i (AS/400) offering that delivers a lower total cost than can be delivered in-house. Our solution runs on the latest IBM System i hardware with full blown IBM Maintenance and the latest version of the Operating System. Our solution is designed to successfully move forward into the future, without disruption.

- Our robust solution is delivered at a low overall cost, and at a higher level of service delivery.
- Datanational's Legacy Data Hosting provides for 7x24x365 day active and passive monitoring to ensure system availability to your users.
- This service provides your company with one less thing to worry about so that your company is able to move forward with your business while we monitor and manage your old ERP system.
- We are a certified IBM Managed Service Provider servicing thousands of users across the globe.
- We are experienced (we have been exceeding our customers' expectations for cloud based IBM System i hosting and management solutions for nearly 10 years).



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