

## **Strategic Project For IBM® Lotus® Domino™ Environments**

### **The Permesssa Value**

- **Reduce project risks by making design and capacity planning decisions based on actual information not just guesswork.**
- **Lower TCO through better planning and design based on actual traffic patterns and usage.**
- **Reduce any impact on the business by proactively monitoring project execution and addressing issues before they affect end users.**
- **Improve Quality of Service by optimizing the overall performance of your Domino network.**
- **Lower staff costs by automating many manual tasks and reducing “fire-fighting” incidents.**

Today many organizations are experiencing major institutional changes such as reorganizations, down-sizing, mergers and acquisitions. In addition, technology – both hardware and software – is continually being upgraded to offer better business value. To support the business goals of your organization and to take advantage of the increased value offered by new technology, your Domino network needs to evolve. As a result, your IT staff is charged with executing strategic projects such as server consolidations, network mergers, network clean up and software upgrades/migrations, all while meeting increasingly tighter budgetary constraints.

These projects are not trivial. They are complicated, resource consumptive, costly and potentially risky for the business. Too often, much of the planning for these projects is done through guesswork (“best practices”), and progress is measured by the amount of “fire-fighting” that’s needed to keep the network operating.

Permesssa offers a series of consulting services packages designed to put your Domino projects on solid analytical foundations. We help you adequately plan your projects by providing comprehensive analysis of your existing usage patterns, network traffic and server loads. We then help you proactively monitor performance and track trends during the project to ensure that it stays on track and minimizes the impact on your organization.

### **STRATEGIC NETWORK PROJECTS**

#### **SERVER AND DOMAIN CONSOLIDATIONS, NETWORK MERGERS**

Whether consolidating replication or mail servers, merging two networks or consolidating domains, the Permesssa team can assist you with these projects. Specifically, we will:

- measure the current network performance and infrastructure traffic to provide a baseline.
- analyze both server-to-server and client-to-server traffic to assess the impact that the consolidation will have on bandwidth utilization and storage.
- analyze application usage to determine which applications should be migrated and which can be retired.

The Permesssa team will use this data to plan which servers to consolidate, which applications to migrate, and what the bandwidth and storage requirements will be after the consolidation. We will then implement monitoring solutions to assist in executing and troubleshooting the consolidation, and finally, we will analyze performance after completion to measure and report on its success.

#### **REPLICATION AND MAIL TOPOLOGY REDESIGN AND OPTIMIZATION**

Enterprise replication and mail routing strategies “get old.” When they do, they become inefficient and unreliable. Permesssa can re-design and optimize your routing topology to achieve optimal traffic flow and cost-effective use of infrastructure resources. To do this, Permesssa will:

- identify any technical or organizational constraints.
- analyze performance in the current environment to provide a baseline and identify any bottlenecks in the existing topology.
- analyze traffic to understand the loads that the optimized topology must carry.

The Permesssa team will then apply our proven methodologies to develop an optimized replication and/or mail routing topology design for the organization. After the design is complete, Permesssa will work with your staff to implement the design, monitor the implementation, and ultimately analyze performance after completion of the project to measure and report on its success.

## TCO REDUCTION PROGRAM

### EMAIL TRAFFIC OPTIMIZATION – ELIMINATION OF E-WASTE

The Permesssa team will analyze email traffic and mailing patterns across the enterprise to identify:

- inefficient routing schemes that are causing excessive bandwidth utilization.
- imbalanced mail server loads, bandwidth loads and storage utilization.
- wasteful mailing patterns by users and mail-enabled applications, which can cause substantial waste of bandwidth and storage.

The Permesssa team will recommend measures for more efficient load balancing of server capacity as well as bandwidth and storage utilization. In addition, Permesssa can help define policies to help reduce unnecessary or wasteful mailing patterns and will help you set up procedures for monitoring and enforcing these policies.

### DATABASE CLEANUP & DEPLOYMENT OPTIMIZATION

The Permesssa team will analyze usage patterns of your Domino applications to identify:

- databases that no longer are in use and wasting storage space.
- databases that are inefficiently deployed and wasting bandwidth.
- abandoned mailboxes and inactive user IDs, which can be recycled.

Permesssa will feed this information through a series of cleanup and optimization processes, including verifying activity and earmarking inactive databases, mailboxes and user IDs for quarantine and eventual removal or recycling. Permesssa will also recommend ways to optimize application deployment so that savings can be realized on storage and bandwidth costs.



## ABOUT PERMESSA CORPORATION

Permesssa Corporation (formerly DYS Analytics, Inc.) provides innovative products and services to manage today's top enterprise messaging platforms. Permesssa lets IT staff regain control of their IBM Lotus Notes and Domino, Microsoft Exchange, IBM Lotus Sametime and IBM Lotus Quickr/QuickPlace networks. Using Control!, administration costs are slashed, service quality is improved, user policies are created and enforced, security improved and delivery issues resolved. Permesssa's customers are large and small, global and local, including such firms as JPMorgan Chase, HSBC, Bank One, ABN AMRO Bank, Zurich Financial Services, IBM, CSC, Henkel, Novartis, Hewitt, PricewaterhouseCoopers, Schering, and Merck Serono, GlaxoSmithKline. For information about our products and services, visit [www.permessa.com](http://www.permessa.com) or send an email to [questions@permessa.com](mailto:questions@permessa.com).