



## Success Story: Migration to Windows 2003 from Small Business Server

### Summary:

TerpSys migrated a client's applications and data from an outdated Small Business Server 2000 environment to a more robust, scalable and capable Windows 2003 platform.

### Client: Iditarod Systems

Iditarod is a Virginia-based management consulting and technology services company with offices in Seattle and Dallas, serving both a domestic and international clientele.

### Objectives:

- Enable an unlimited number of users to be added to the Iditarod Active Directory Environment
- Eliminate system bottlenecks and balance server workload
- Provide for a redundant Active Directory environment
- Allow users to access the additional features of Exchange 2003 environment



### Challenge

The project presented three principal challenges. First, there was no direct migration path from the SBS 2000 platform to the desired Windows 2003 platform. This meant that an indirect path for the migration had to be specially mapped, documented, and followed.

Next, the new system needed to eliminate the bottlenecks inherent in the then-current server environment. These choke points, caused by the fact that services were not distributed over multiple servers, had a significant adverse impact on system speed, efficiency and reliability.

Finally, the sweeping changes to be made to the server environment had to be effected in a manner which minimized system downtime so as to interfere as little as possible with the client's ongoing business operations.

### Solution

After conferring with the client, TerpSys proposed a comprehensive solution based on adding several new servers to the environment to accommodate the company's anticipated growth over the next three years. The proposed system was scalable, and, unlike the client's then-current environment, could accommodate an unlimited number of users.

The path determined was to complete an in-place upgrade from SBS2000 to SBS2003. Once that migration was completed and determined to be stable, a second migration was performed to migrate SBS2003 to a native Windows environment. This two-step migration allowed the client to continue its business operations without interruption.

TerpSys set up the additional servers as domain controllers, established a redundant Active Directory environment, created a full Exchange 2003 environment, and distributed system services across the multiple servers it installed.

### Results

- Implemented a native Windows 2003 environment meeting or exceeding all requirements, on time and on budget.
- Enabled access for an unlimited number of users to the client's Active Directory environment.
- Eliminated system performance bottlenecks by migrating services to multiple platforms.
- Accommodated significant growth in client staffing in the 12 months after project completion.