



## Comprehensive Messaging and Collaboration Solution Delivers Increased Protection and Gives Anywhere Access to Opulent



**Company**  
Opulent Techno Pte Ltd

**Website**  
www.opulent-group.com

**Profile**  
Opulent Techno Pte Ltd, a leading provider and designer/ manufacturer of thermal solutions with site offices in the US, Europe and S.E. Asia has more than 20 years of industrial manufacturing experience.

Opulent offers value-added solutions from ideas to design to assembly in consumer electronics, computers, telecommunications, automotive and solid state lighting. PCBs, MCPCBs, IMS and LED assembly and system integration are just some of the products and services Opulent offers.

Opulent is UL certified, ISO 9000 certified, QS 9000 certified, ISO 14000 compliant and TS16949 certified.

**Project Size**  
Opulent Techno has total staff strength of over 100 spanned over US, UK, Singapore, Malaysia, China and Hong Kong offices.

**About Micro 2000**  
Micro 2000 Technology Pte Ltd was established in 1996 and is now ranked as one of the top Premium Business Partner of HP, IBM, Microsoft as well as Sun Microsystems.

Its business includes IT consultancy and integration services, support and maintenance services as well as turnkey solution. Through these years, Micro 2000 have proven their business efficiency, which led to various partnerships: Appointed Apple GOLD Authorized Service Center, HP Premium Solution Partner, SonicWall Medallion Partner, Cisco Certified Partner, Microsoft GOLD Certified Partner, to name a few.



*Opulent Techno Pte Ltd is a leading designer and manufacturer of thermal solutions. Until recently, due to globalization and the huge increased in staff strength, Opulent decided to take advantage of Exchange Enterprise's as an integrated platform to provide improved messaging and control the use of email with policy-based rules and ensure increased security.*

### The Situation

Due to globalization and the rapid growth of the company's staff strength as well as the need for clustering and high availability of messaging and collaboration. Opulent Techno wanted a more robust messaging and collaboration solution that could eliminate the memory and cache limitations on performance and the little scalability when mailbox sizes grow to accommodate employees' demands for more storage.

The company also required a unified communication tools for their employees in several region. Employees needed to receive their e-mail, voice mail, and faxes through a single inbox that can be accessed from anywhere.

### The Solution

To address the issues, Micro 2000 Technology proposed to Opulent Techno to migrate the current Microsoft Exchange 2003 Standard to Exchange 2007 Enterprise Edition.

The implementation of the Exchange Enterprise Server will be to support 4 clustering nodes that will be split into 5 server roles. Namely an Exchange Mail Server 2007, a Hub Transport Server, a Mailbox Active Node Server, a Mailbox Passive Node Server as well as an Edge Transport Server. This cluster terminology design undermines efforts in providing high availability.

### The Benefits

New data replication capabilities in Exchange Server 2007 drive increased availability at a lower cost. Employees now enjoy a rich and familiar experience based on Microsoft Office Outlook 2007 functionality. Best of all, it's all built in with centralized management and robust security, making rich anywhere access possible for the entire workforce instead of just a limited few.

The users easily get accustomed to the flexibility and integration offered by the Exchange Server 2007 and its range of tools to support messaging, calendaring, collaboration, policy-based rules as well as anti-virus and anti-spam security measures.

Mobility features also raise the bar on user experience and deliver improved manageability. Now desktop features such as support for rich HTML, quick flags, sophisticated calendaring, and fast search are available on mobile devices.

