

## **BPL CASE STUDY**

### **BPL Infrastructure**

1. No of users – 1800
2. Branch locations - 4
3. No. of servers - 7
4. Mail server – Exchange 2003
5. Active Directory – Configured (All branches)
6. Backup server – Veritas backup server

### **Customer Requirement**

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1. Anywhere and anytime access: All the users should have access to their mail from any location.
2. Security: The computing environment given to user should be secured, i.e. users should not get unauthorized access to other resources.
3. Unified Messaging system - Across the location all the users should have a same messaging environment. BPL was using Lotus Domino, Exim servers (Free BSD Unix based servers).

### **Pain Areas -**

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1. Management of Exim servers was very complex and support was not available.
2. Mail performance problem in terms of delayed mail etc.
3. Different messaging environment such as Domino, Exim servers.

### **Offered solution**

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1. Windows 2003 and Active Directory: The Windows 2003 server and the Active Directory was proposed and configured which has helped organization to manage the users and also provided the secured authentication mechanism.
2. Exchange 2003 as a mail server: Exchange 2003 has provided the organization a secured messaging environment. With the combination of Windows 2003 and Exchange 2003 provided a structure for traveling users who travels across the location. They can access their mails by just connecting the laptop to the network.
3. Front End – Back end Exchange architecture – This provided the Internet users secured access to their mails through Outlook Web and Mobile Access.

## Challenge

1. Server side migration – Migration and coexistence between Exim and Domino server was a huge challenge as there was no support was available for Exim server.
2. Client Side migration – BPL users were using Netscape, Lotus Notes client for accessing their mails. The biggest task was migrating the local mails from these different mail clients to outlook 2003.
3. Consolidation of Mail sub domains – BPL was having 5 different sub domains representing their circles. These domains were consolidated to a single domain (@bplmail.com).
4. Migration Planning – As the BPL branches were spread across different states it was very complex to design and rollout of the client migration.

## Network Diagram

