



CASE STUDY : DAMODAR VALLEY CORPORATION - A GOVT. OF INDIA ENTRPRISE

SOLUTION AREA : ENTERPRISE, STORAGE MANAGEMENT, NETWORK MANAGEMENT
AND MAIL MSSAGING SOLUTION ON TIVOLI AND LOTUS SOFTWARE.

Client: DVC – A Government of India Enterprise	Country: India
Industry: Public Sector Unit	Status: Completed
Solution Area: Mail Messaging and Enterprise, Network and Storage management using Lotus and Tivoli Software	

Company Profile

DVC, a Government of India enterprise is engaged in the business of power production and distribution, Water management and soil conversion in eastern India with a large infrastructure which includes Dams, barrage, canal, power generating stations, sub-stations, receiving stations and transmission lines with a command area of 24,235 sq. km. The power production infrastructure has thermal power station, hydro-electric station and gas turbine station. DVC has a turnover of Rs.2500 crore and employee strength of over 12000.

Project Brief

DVC required a mail messaging system with high availability feature, Inventory and asset management and Software distribution solution for the organization and Centralized Network management and back up for Database, Mails and Files.

Role of WDC

WDC is recognized as one of East India's largest software Development Company with extensive experience in the field of e-business technology and Enterprise management systems solution. WDC is a Premier Business Partner (BP) of IBM India Limited (IBM). DVC subscribed for WDC's services, through Webel Technology Ltd, to implement and deploy the entire solution in IBM Lotus and Tivoli Software platform.

Key Issues

Challenges

Providing a solution to DVC, which is a very large organization with large Distributed IT infrastructure, such that, it can be controlled and managed centrally after the complete solution has been deployed.

Business Benefits

It is very difficult to troubleshoot network problems if the network can not be monitored centrally from administrator desk which reduce the up time of problem and reduce the productivity of business also. Managing the inventory manually is very difficult for a large enterprise like DVC. Deploying the Software in individual machine is a time taking jobs and it reduces the productivity of Business. In today's world mail massaging solution with lots of functionality, like collaboration, is a key business feature. DVC will overcome all the draw backs of their infrastructure after the deployment of our solution.

Solutions Overview

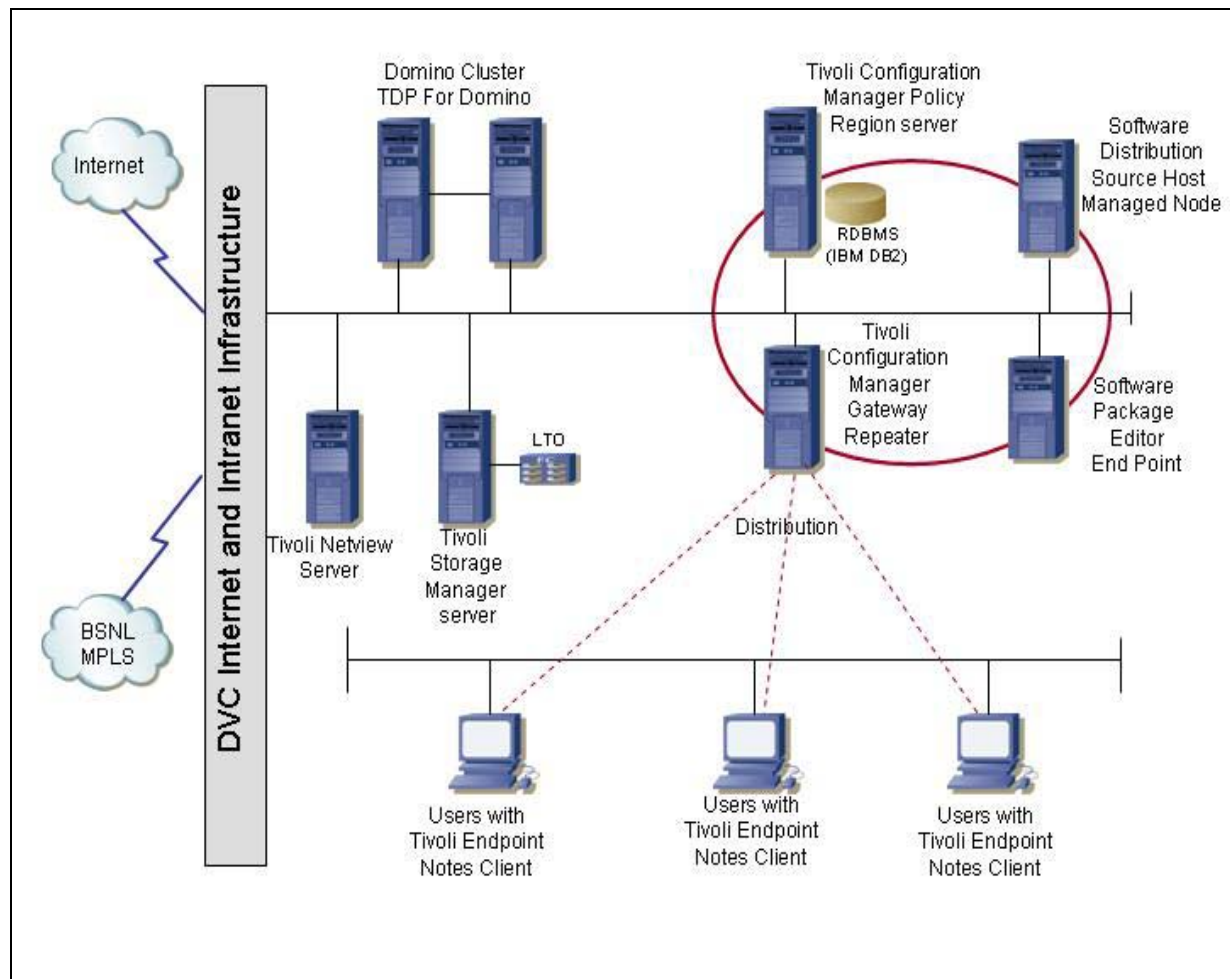
To address the DVC requirement IBM lotus Domino and Tivoli software has been used. The solution has been divided in

four parts-

- Mail messaging with high availability
- Enterprise Management for inventory, asset and software distribution
- Network management to monitor the network
- Storage management for centralized backup

IBM lotus domino enterprise server with Domino cluster has been deployed to achieve the mail messaging requirement. IBM Tivoli software is used for Enterprise management, Network management and Storage management.

Snapshot of Deployment architecture



Technology Specifications

Key Components	
Software Mail Messaging	<ul style="list-style-type: none">● IBM Lotus Domino 7 Enterprise Edition
Enterprise management	<ul style="list-style-type: none">● IBM Tivoli Configuration manager● IBM Tivoli Net view
Network Management	<ul style="list-style-type: none">● IBM Tivoli Storage Manager● IBM Tivoli data protection for Lotus Domino● IBM Tivoli Data Protection For Oracle
Storage Management	