

## ALICE SUMMARY

### **What:**

ALICE (Advanced Linux Internet Communication Environment) is a software solution incorporating a Mail Server with AntiVirus, AntiSpam, Filtering and Web Mail modules, Web Server, Firewall, Proxy Server implementing user/time/URI based rules, IPSEC VPN Server, DNS, and DHCP Server. ALICE is also capable of advanced routing between various interfaces and networks.

An SSL VPN can also be deployed on ALICE to enable remote access to secure systems. Other addons include solutions for Fax and Bulk Messaging.

In short, ALICE bundles all the software one would need to enable a network to connect to the Internet while keeping the private network secure.

### **Why:**

A normal installation of all the software components of ALICE would require individual deployment, setup, administration and maintenance of each of the component systems. This would need dedicated skilled personnel at each location such components are installed. Further each component would require sufficient user licenses of the OS and the software component. The total cost of all the components if deployed individually will be at least 5-6 times that of deploying a single ALICE.

ALICE is an integrated software solution with all its components interoperating seamlessly. This enables integrated administration of all the components possibly even remotely.

### **Who:**

Retort Software Pvt Ltd is a company promoted by a group of alumni of IIT Mumbai focused on developing software to deploy complex systems for easy use by lay persons. Retort has tied up with CMC Ltd for Marketing, integration, deployment and support of ALICE all over India.

### **Advantages:**

1. One Stop solution.
2. Single Vendor interaction.
3. Unlimited user license. Alice is licensed on a Per Server license and has no limitations on the number of users who are allowed to use the systems.
4. Ease of deployment and simplified administration reducing administrative overheads.
5. Remote Administration eliminating need for skilled manpower at remote locations.
6. Low to nil user learning curve as users continue to use their favourite front end software.
7. Nationwide installation & support network provided by CMC. Hardware integration by CMC.

**Mail Server:**

- SMTP, SSMTP, POP, IMAP, SIMAP server
- SMTP authentication for added reliability
- AntiVirus & AntiSpam modules
- Feature rich Web Mail module
- LDAP based address book
- System Wide and User Specific mailfiltering

**Web Server:**

- Ready to use web server
- php / java / perl etc for dynamic pages
- Robust RDBMS for your database needs.

**Firewall:**

- A “Deny by Default” firewall to ensure only allowed traffic gets through
- Intuitive handling to enable administration by lay persons.
- Capable of SNAT and DNAT

**Proxy Server:**

- User based, time based, URI based and source based rules to allow or deny access.
- Create and maintain lists of users allowed/denied browsing specific sites at given times

**IPSEC VPN Server:**

- Create encrypted tunnels between networks over the internet.
- Seamless secure access between the connected networks.

**DNS:**

- Full functional DNS capable of hosting any number of domains
- Internal and External views to provide appropriate replies to queries from the intranet and internet.

**DHCP Server:**

- A DHCP server to easily manage and configure network settings on LAN systems.
- Allow automatic detection of proxy settings.

## Partial Client List

### **Government Departments:**

- Naval Dockyard, Mumbai.
- Western Naval Command
- Lal Bahadur Shastri National Academy of Administration, Mussoorie.
- Wild Life Institute of India – Dehradun
- Forest Survey of India
- ONGC – Uran
- IOCL

### **Banks:**

- State Bank of India (International Division), Mumbai.
- SBI Mutual Fund, Mumbai.
- State Bank of India (CAG), Mumbai.
- Cosmos Bank Ltd., Pune.

### **Corporate:**

- Tata Power (SED) Ltd.
- Safexpress Logistics - Delhi
- Tata Housing Development Co. Ltd.
- Tata Auto Plastics.
- Gujarat Pipavav Port Limited.
- Kirloskar Copeland.
- Comau India Ltd.
- Kinetic Engineering.
- Kinetic Motors.
- 123india.com
- Dhamm Infotech Pvt. Ltd.
- Futurica Petrochemicals Pvt. Ltd.
- Bilcare Ltd. - Pune