

# Marratech Security & Network Overview

## Security

With sensitive data being passed over the internet, or even company networks, it is imperative that a suitable security policy be implemented, to ensure that all information remains available only to the relevant parties.

To ensure maximum security and data integrity, Marratech have developed the following security features:

- Username & Password Authentication
- 128 bit SSL Server-Client connections
- Encrypted Challenge Response Scheme
- 256bit AES Encryption for all communications
- LDAP Integration
- VPN
- DMZ
- Buffer Attack Prevention Mechanism

With a deep understanding of security vulnerabilities in modern communications and computing, the number of features available within the Marratech solution, Marratech is unrivalled in the market of real time group collaboration.

For a more detailed breakdown of the security measures available to Marratech users please see the following document:  
[http://www.marratech.com/pdf/eng/Marratech\\_Security\\_Overview\\_Letter.pdf](http://www.marratech.com/pdf/eng/Marratech_Security_Overview_Letter.pdf)

## Firewalls

It is inevitable that any corporate network, or even home network, is now protected by a firewall. Marratech has taken every measure to enable seamless integration into a protected network.

Marratech has been developed to communicate over corporate networks and the public internet, hence Marratech have a number of measures to facilitate this:

- VPN
- DMZ
- Dynamic Allow/Return Rules
- Fully configurable port ranges (TCP & UDP)
- NAT Traversal
- Identical port communication
- Server Clustering

For a more detailed explanation please see 'Network Firewalls' in the following document:

[http://www.marratech.com/pdf/eng/Marratech\\_Security\\_Overview\\_Letter.pdf](http://www.marratech.com/pdf/eng/Marratech_Security_Overview_Letter.pdf)

## Network

Marratech understands the importance of managing available bandwidth, if not managed correctly this could impact the day to day performance of a network.

The Marratech solution was developed to operate under standard networking environments, whether utilising corporate bandwidth or that of remote users connecting over the public internet.

Marratech considers it key that a number of features be available within the solution to ensure simple and manageable integration into a current network infrastructure.

A number of features have been developed to allow this integration:

- Fully customisable bandwidth per media
- Fully customisable bandwidth limit per meeting
- Automatic congestion control
- Individual bandwidth control
- Server clustering
- Unicast / Multicast Support
- Control of simultaneous connections

With the feature rich configuration capabilities and flexibility of the Marratech solution, you can be rest assured that real time group collaboration across your current infrastructure is possible.

If you would like to read a more in depth analysis of Network bandwidth please see the following document:

[http://www.marratech.com/pdf/eng/Letter/Marratech\\_Installation\\_Planning\\_Letter.pdf](http://www.marratech.com/pdf/eng/Letter/Marratech_Installation_Planning_Letter.pdf)

If you have any questions relating to these topics or would like to discuss these further please contact [support@marratech.com](mailto:support@marratech.com).

