



TECHNOLOGY OVERVIEW

The Yield Book over the Internet uses the power of Java combined with X-windows to run over the Internet using *secure connections* based on SSL, the Secure Sockets Layer, in addition to standard connections. Secure connections have these benefits:

No eavesdropping SSL encrypts all information before transmission.

No tampering SSL can check that a message hasn't changed between the client device and the Yield Book server.

No message forgery SSL requires that the server prove its identity to client devices before communication can take place, and also guards against replay attacks.

This protocol has been designed to transfer data securely over the internet, enabling users to run Yield book applications on our extremely powerful suite of servers from any location in the world & easily display the results locally on a PC or Workstation.

Clients initially authenticate themselves against the web server www.yieldbook.com, using HTTPS and all communications and passwords are encrypted before transmission using SSL. For users logging into the Yield Book using a web browser, the web browser's HTTPS proxy is determined and used automatically. The first time users connect they are prompted to download and install several Java archives, including a "Tarantella 3.x Proxy Java Archive". This archive contains a proxy finder applet, which determines the web browser's HTTPS proxy server and attempts to route traffic through it. Both user-defined and automatically configured proxy servers are supported. This proxy server is then used for both HTTPS and the Yield Book traffic. All connections are tunneled through the proxy server using HTTPS techniques.

The client Java applet always checks for a proxy server. If it can't find one it will attempt to connect directly to the Yield Book server. This may fail, or there may be an alternate route to the Internet that the corporate security policy allows.

NETWORK OVERVIEW

Salomon Analytics assumes that the clients will handle their own internal networking and connection to the Internet.

COMPUTER CONFIGURATION: The client's machine should be able to access the Internet & should have a browser that is Java Enabled (Preferred browser is Internet Explorer). It is also assumed that the connection to Internet is supported through both http (tcp port 80) and https (tcp port 443)

FILE ACCESS: Users can download or upload portfolios and reports using the MYDATA web application. Users can automate the upload and download functions using many common tools such as Visual Basic, Java, etc. All data transfers are encrypted.

SOFTWARE: The only software required to run The Yield Book application over the Internet is a java enabled browser.

PRINTING: The print jobs through Yield Book are routed via the application to the default printer on the users PC/Workstation. The printer needs to be postscript compatible to print through Yield Book.

In addition to hard copy, users can ask for the output to be electronically delivered in Adobe PDF format using internet mail.

DATA SECURITY: The Data flow between the user's computer and our servers over the Internet is encrypted using the secure hypertext transfer protocol (https).

INSTALLATION OVERVIEW

The following main tasks are usually part of a desktop installation of the Internet Access Yield Book:

- A systems engineer from Salomon Analytics will review the installation process with the customer's technical contact and provide assistance and updates via phone or email throughout the installation.
- Customer technician starts and tests The Yield Book.
- SAI account manager will call the user to confirm that the installation is complete and that the software is functioning properly.

CONTACT DETAILS

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