



THE YIELD BOOK

Salomon Analytics Inc

The Yield Book is provided by an independent wholly owned subsidiary of Salomon Smith Barney, named Salomon Analytics Inc.

TECHNOLOGY OVERVIEW

The Yield Book uses X Windows, a protocol widely used on UNIX workstations for exchanging information between clients and servers. One of the main advantages of X is that it is a protocol that is designed to be transported over a network. This means that users can run the Yield Book application using the extremely powerful suite of servers located at our Data Center at 390 Greenwich in New York City, and easily display the results locally on their PC or workstation.

NETWORK OVERVIEW

Salomon Analytics assumes that the client will handle their own internal networking. The wide area connection between Salomon Analytics and the client site requires that a frame relay circuit, modem and router (supplied by Salomon) be installed at the client location.

LOCAL NETWORK: The client's local area network must support the TCP/IP protocol, which is needed to communicate with the Yield Book servers for x-hosting. The Yield Book Server does not log into your PC/workstation; however, once the front-end program (running on your PC/workstation) initiates communication with the Yield Book Server, the Server will need access for X-protocol and to an unprivileged port.

FTP ACCESS: In order for the Yield Book user to download or upload portfolios or to edit files, the Yield Book needs FTP access. The "ftpd" (ftp server) should be running on the PC/workstation that is running the Yield Book.

SOFTWARE: Salomon Analytics will provide the software that is needed to configure the X server with colors and fonts for the Yield Book. In addition, we will provide you with the x-hosting script to run the Hummingbird Exceed software, allowing access to the Yield Book

PRINTING: The PC/workstation that has the printer connected should be running the printer daemon (lpd) and be accessible to the Yield Book Server.

DATA SECURITY: The router provided by Salomon Analytics interfaces with the client LAN via Ethernet or token ring. The router supports frame-relay and TCP/IP only. If the client sets up a separate LAN specifically for the Yield Book, they need not take any further actions for data security. If the Yield Book desktop hardware is not on a separate network then the client can further enhance their data security by optionally installing an additional firewall as shown on the next page.

DESKTOP HARDWARE

PC Configuration

Machine/CPU:	Pentium
Memory:	32MB minimum
Operating Sys:	Windows 95, 98 or NT, 2000, XP
Software:	Hummingbird eXceed 5.1.3 or better
Video:	>=1024x768, >= 256 colors
Monitor:	Any monitor capable of >=1024x768
Network Adapter:	Ethernet or Token ring - TCP/IP
Printer:	Postscript compatible

UNIX Workstation Configuration

Window Environment:	X11.R4, X11.R5, or x11.R6
Manager:	OLVM, TWM, MWM, or 4DWM
Memory:	32MB minimum
Swap Space:	50MB minimum
Printer:	Postscript Compatible

INSTALLATION OVERVIEW

The following main tasks are usually part of a desktop installation of The 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.
- ✍ Salomon will ship the Yield Book Installation Package and call the customer technician to answer any questions.
- ✍ Customer technician will order any needed hardware and software including:
 - Ethernet cards for the PC desktops.
 - Latest version of eXceed for each Yield Book PC.
 - Postscript network printer.
- ✍ Salomon will order a WAN circuit connection, schedules CSU/DSU installation with a telecommunications provider, and ship a pre-configured router to the customer.
- ✍ Customer technician will connect the router to the CSU/DSU and the Local Area Network. Alternatively, an SAI or third party technician may be dispatched to complete this step.
- ✍ Salomon and customer technician will test the complete Yield Book circuit.
- ✍ Customer technician will install The Yield Book front-end on the desktops using software included in the installation package.
- ✍ Customer technician starts and tests The Yield Book.
- ✍ SAI account manager will call the user to confirm that the installation is complete and the software is functioning properly.

Diagram of Network Configuration

