Section 13

Set Up Diagrams

13.1   Stand Alone System Layout
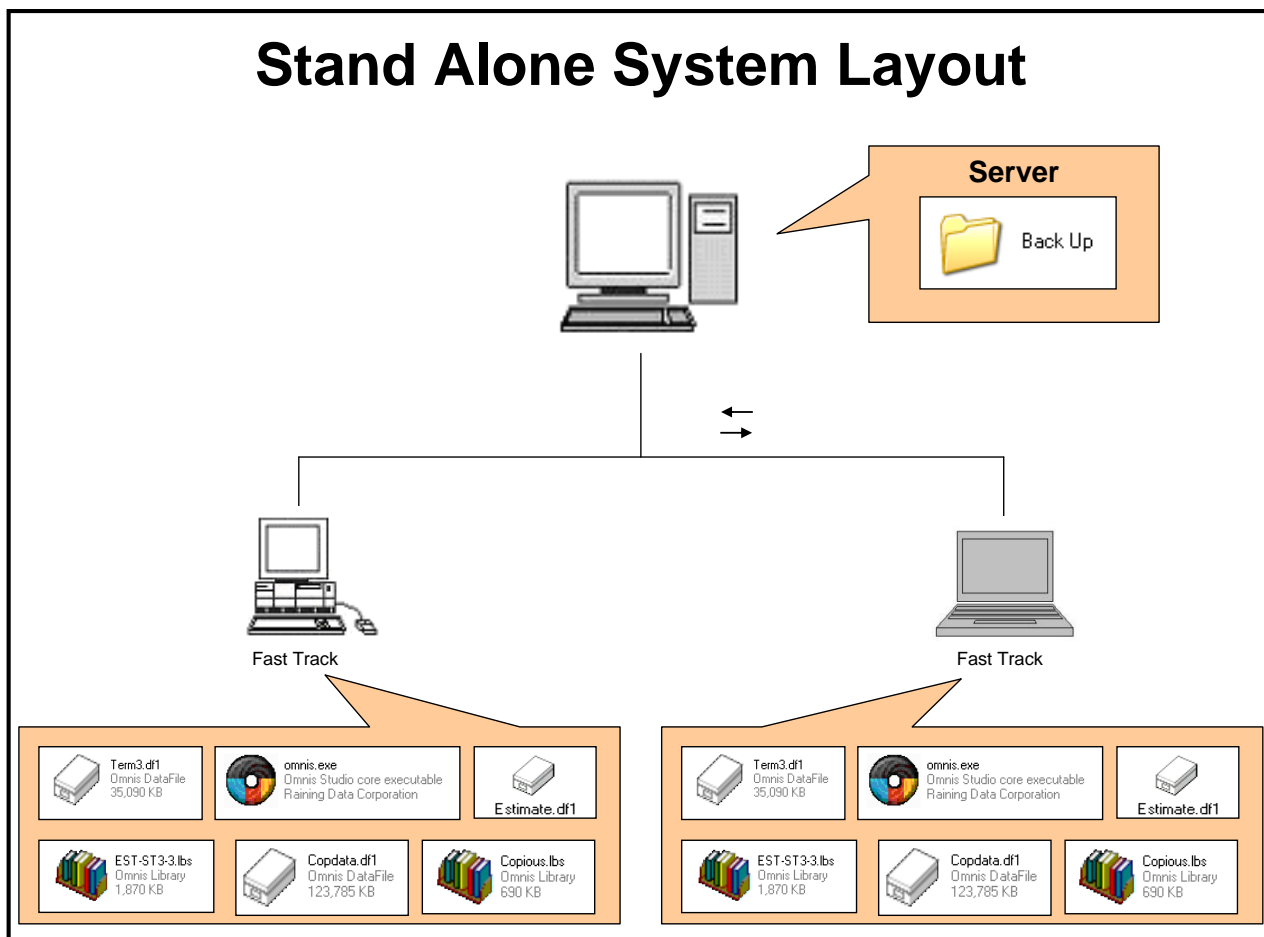
Stand Alone System Layout
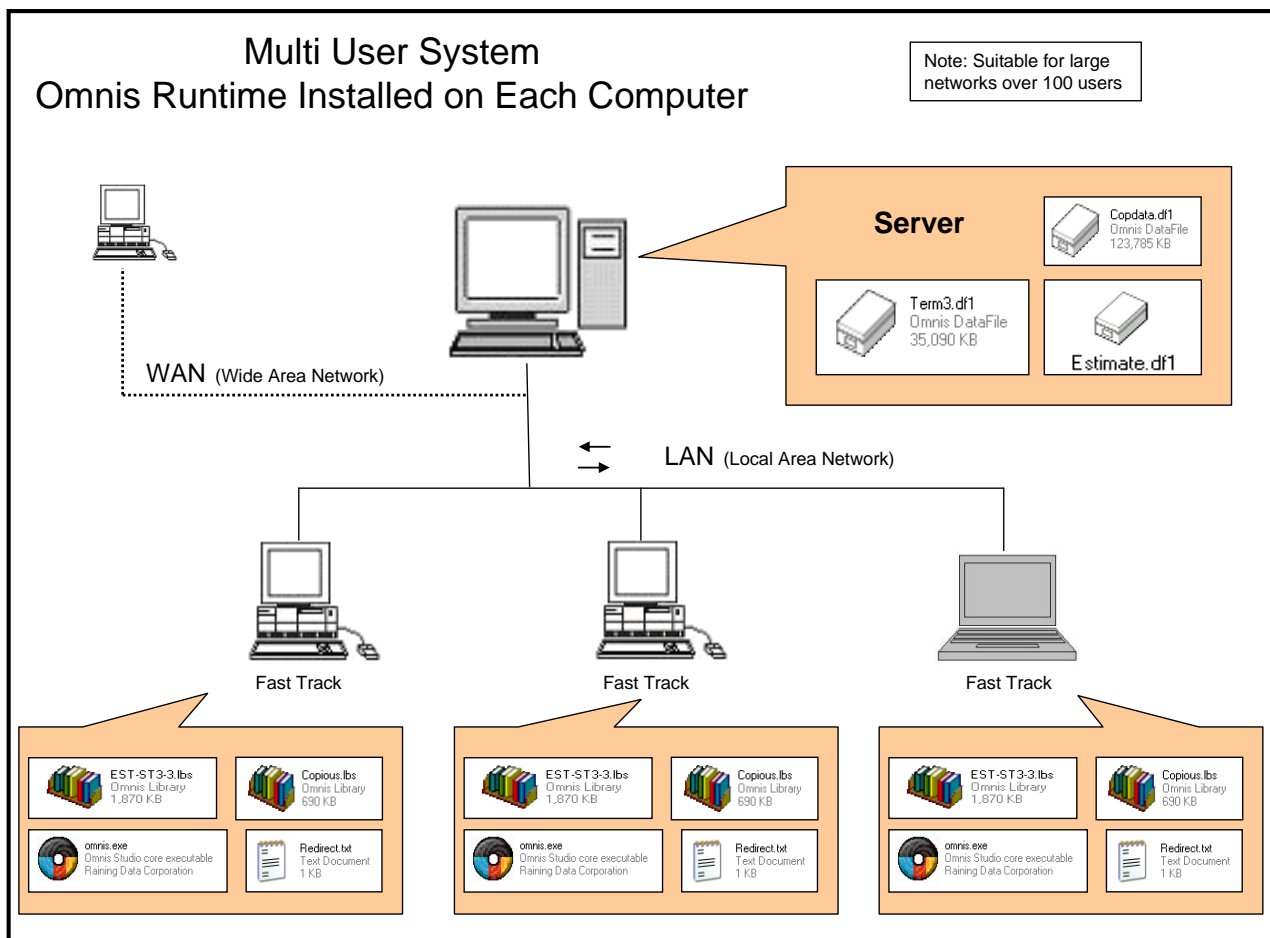

Typical Stand Alone Layout

Advantages
The advantages are that the user can take out their own estimate numbers on their computer because the Term3.df1 and Estimate.df1 data file reside on the C Drive. Back-up can be done onto a server if available, a USB drive or similar. This system is mainly used by roving estimators.

Disadvantages
The disadvantages are if the computer is lost stolen or crashes the data cannot be retrieved.

13.2   Multi User System
Omnis Runtime Installed on Each Computer

Multi User System
Omnis Runtime Installed on Each Computer

Note: Suitable for large networks over 100 users

Server

Copdata.df1
Omnis DataFile
123,785 KB

Term3.df1
Omnis DataFile
35,090 KB

Estimate.df1

WAN (Wide Area Network)

LAN (Local Area Network)

Fast Track

Fast Track

Fast Track

EST-ST3-3.lbs
Omnis Library
1,870 KB

Copious.lbs
Omnis Library
690 KB

omnis.exe
Omnis Studio core executable
Raining Data Corporation

Redirect.txt
Text Document
1 KB

EST-ST3-3.lbs
Omnis Library
1,870 KB

Copious.lbs
Omnis Library
690 KB

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omnis.exe
Omnis Studio core executable
Raining Data Corporation

Redirect.txt
Text Document
1 KB

Typical Situation Where the Omnis Runtime is installed on Each Computer

Advantages
The advantages are that all information is stored on the server and thus the data is more secure.
All estimate information is compiled onto Term3.df1 and the Estimate.df1 data files.
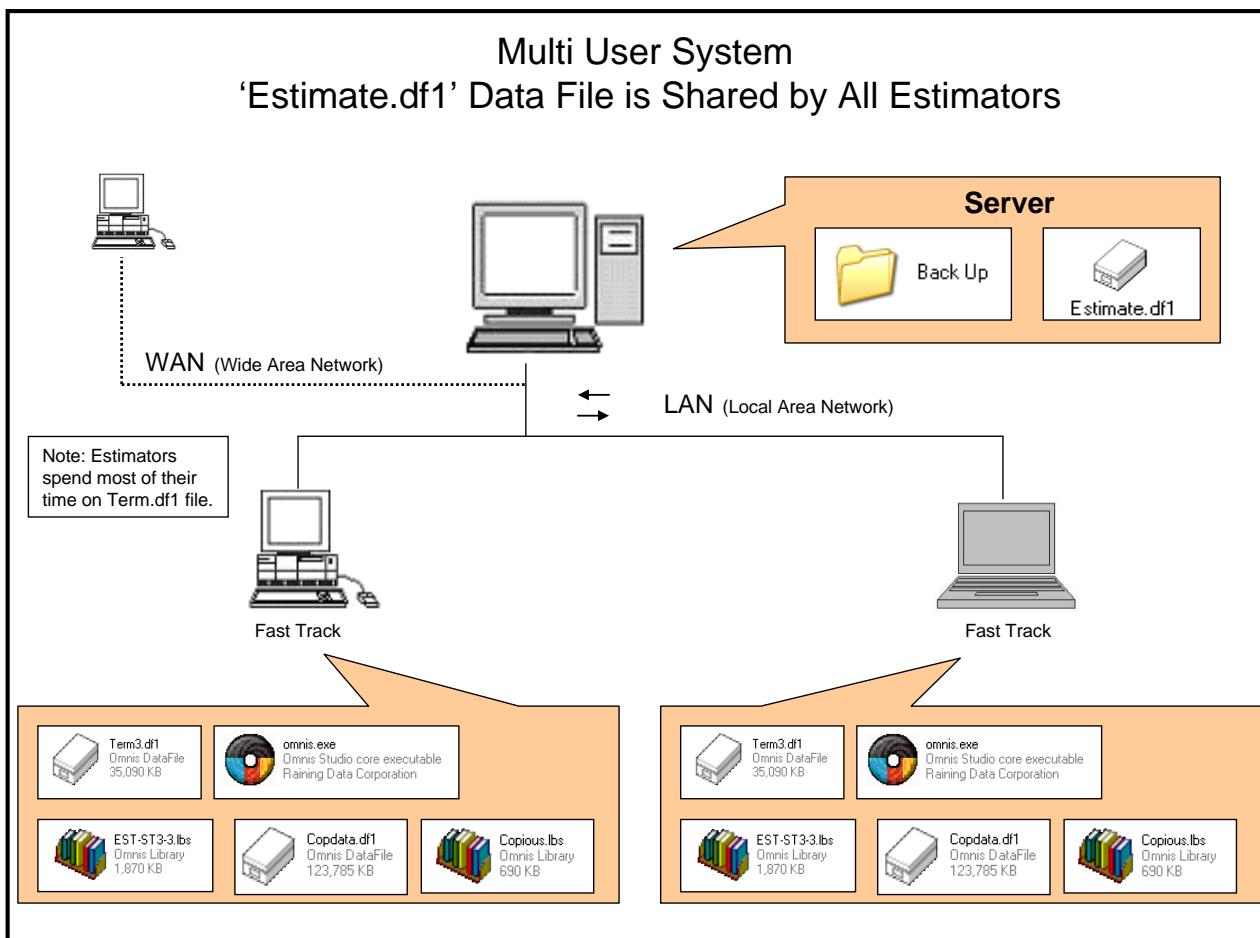Reports can be quickly done on all Estimates taken out on Estimate.df1 data file.

Disadvantages
The disadvantage is that the estimator is bound to the server and is not able to take the system home or on-site.

13.3   Multi User System
'Estimate.df1' Shared by All Estimators

Multi User System
'Estimate.df1' Data File is Shared by All Estimators

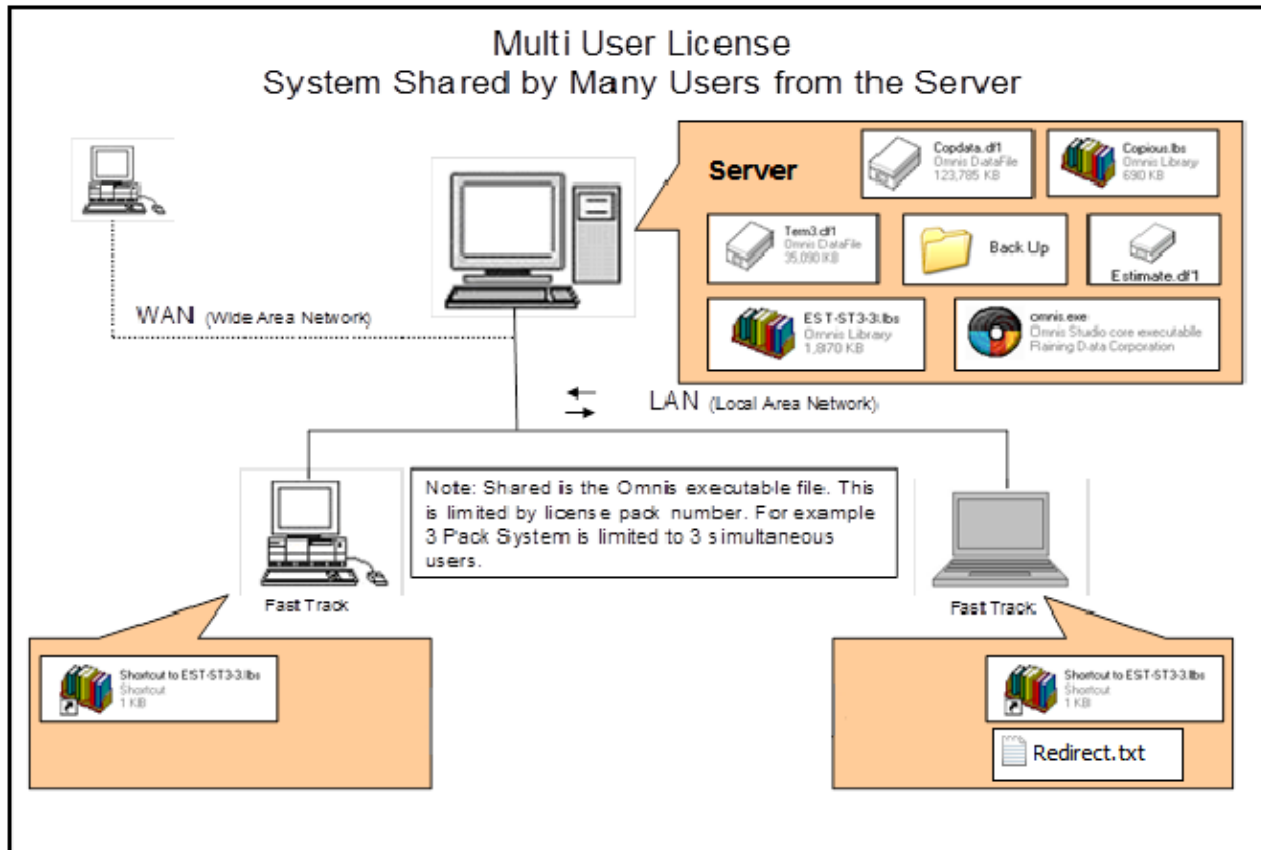**Typical Situation Where the 'Estimate.df1' is Shared by All Estimators**

Advantages
This is the most commonly used setup, and the advantages are that information such as the Front Sheet and Estimate data stored in the Estimate.df1 data file remains secure on the server, including the Term3.df data file backup. The Estimate.df1 data files enables reports to be quickly produced and Estimates to be taken out on Estimate.df1 data file. This allows the estimator the freedom of movement.

Disadvantages
The disadvantages are that the estimator can not take out a new estimate without it being connected to the server. This is a minor disadvantage because the estimator can take a few spare numbers if they are going to be needed.

13.4 Multi User License
System Shared by Many Users from the Server

Typical Situation Where the Multi User License is shared from the Server

Advantages
The advantages are that all information is stored on the server and the data is more secure. A short cut and some fonts can be placed onto any computer and this enables that person to become an estimator of Fast Track. This is limited by the multi user pack number. This means if a '3-pack' is installed then only three users can be on the data file at the same time.
This makes IT maintenance easy as any updates can be installed once and all users are updated simultaneously

Disadvantages
The disadvantages are that all estimators are bound to the server via the network. Some large networks can slow down Fast Track (300 Users).
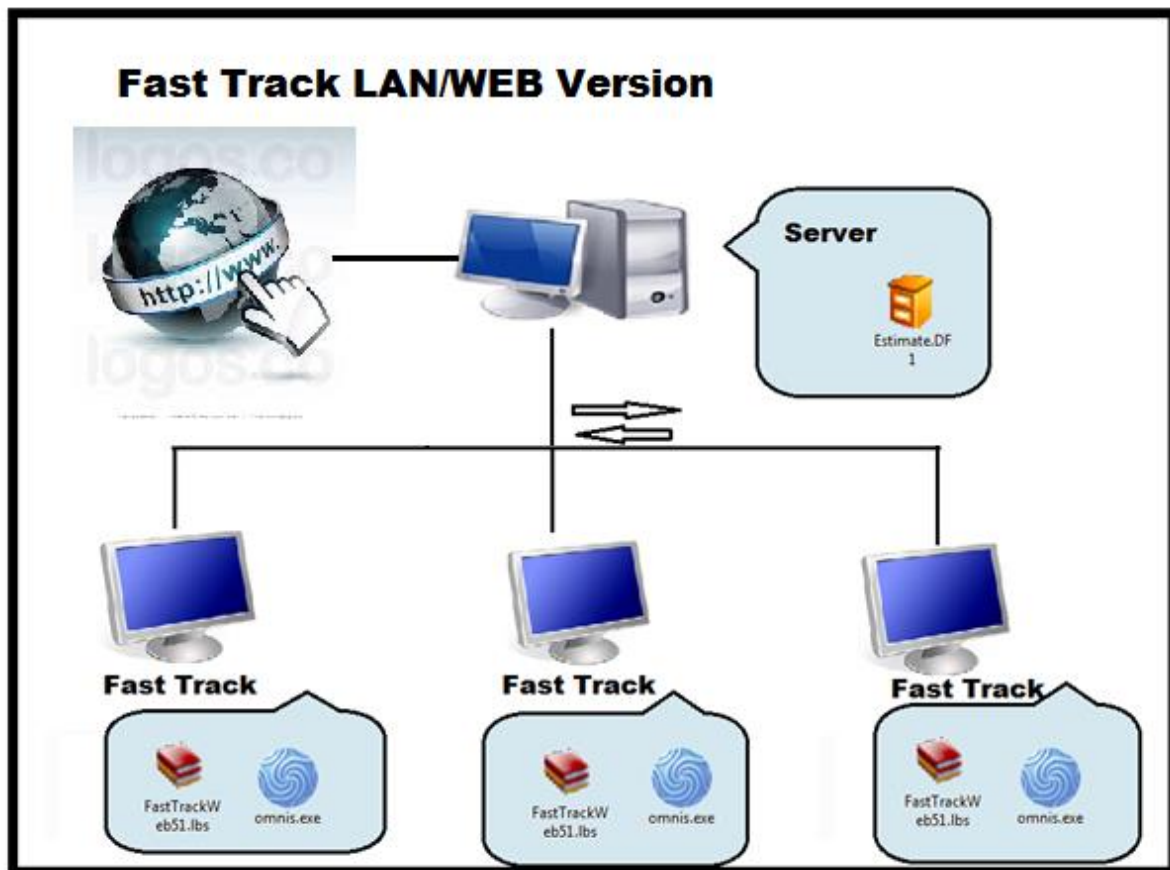
Summary

In summary there are many ways of networking a system and there are examples of companies using a mixture of both.

The Redirect Text File

The "Redirect.text" file enables the data file called "Term3.df1" to be located in another location on a server. This is when the system is set up for multi user access. The way the system works is that when Fast Track starts the "Term3.df1" data file it is usually located adjacent to the library file or "Omnis.exe" file. When the system starts and cannot find the "Term3.df1" it then goes to the "redirect.txt" file and looks for a path name and uses that to locate the "Term3.df1" data file. The text file can be altered using Note Pad. A copy of the file with another copy on the front isusually found in the 0SXXXRT folder.

13.5 WEB/LAN Version Setup

The WEB/LAN version incorporates both modes of operation. LAN for normal internal office operations and has additional components for using with a web version, with some additional modifications. This saves programming time because we are only having to maintain one system as many components are common to both.

The data files have been consolidated into just having one data file for all users. The difference between the WEB/ LAN and LAN versions are that the WEB/LAN only uses the Estimate.df1 as a common data file as opposed to having the Estimate.df1, Copdata.df1 and Term3.df1.

All data is now stored in the Estimate.df1 for more reliability and convenience.

In the LAN version each data file was necessary as each had certain information stored on them. Instead the WEB version uses just one with all information from each data file combined. It also means that all users are able to access all the same data at the same time as opposed to pieces of it.