System Scalablity

CrossFire's scalability is accomplished by taking advantage of its modular design, its multiple data base capabilities and its security features.

- **Modular design**

    CrossFire is comprised of several processing functions. The modular design of the system allows for individual system functions to be installed depending upon the needs of the CrossFire client. For example, a large corporate travel agency would require all processing modules. A small agency may not require the Report Writer feature or Internet reporting module. A single user may need access only to the report printing function.

- **Multiple Databases**

    Multiple *CrossFire* databases can be controlled in a single installation by installing multiple "data base views". A database view is a separate physical travel data base that contains information from a specific source or time period. A single CrossFire installation can manage an unlimited number of database views. For example:

    - A separate data base can be created to store current year data. This minimizes the number of transactions and improves the efficiency of report production.

    - Separate databases can be created for prior years' information so that reports can be created when required. Storing prior year information in separate databases improves system performance while allowing an unlimited number of years of historical data to be available for reporting.

    - A database view can be created for pre-travel informantion. Information from the mid-office system can be stored in a separate database. Any of the reports created by the CrossFire Report Writer can be processed on the data stored in the pre-travel database.

    - A database can be defined to store information provided by other travel agencies. *CrossFire* users can provide data consolidation services for its clients without incurring the cost of data consolidation services.

    - A database can be defined to store information for selected clients who have been authorized to access their own data either via a dial-up or web-based interface. This provides additional protection from unauthorized access to travel agency and corporate information.

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- **System Security**

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System Scalablity

The Security system employs User Ids and passwords to control access to the installed modules and database views User Ids can be defined which allow individuals to access specific processing functions and to be restricted to viewing data only for specified subsets of data.