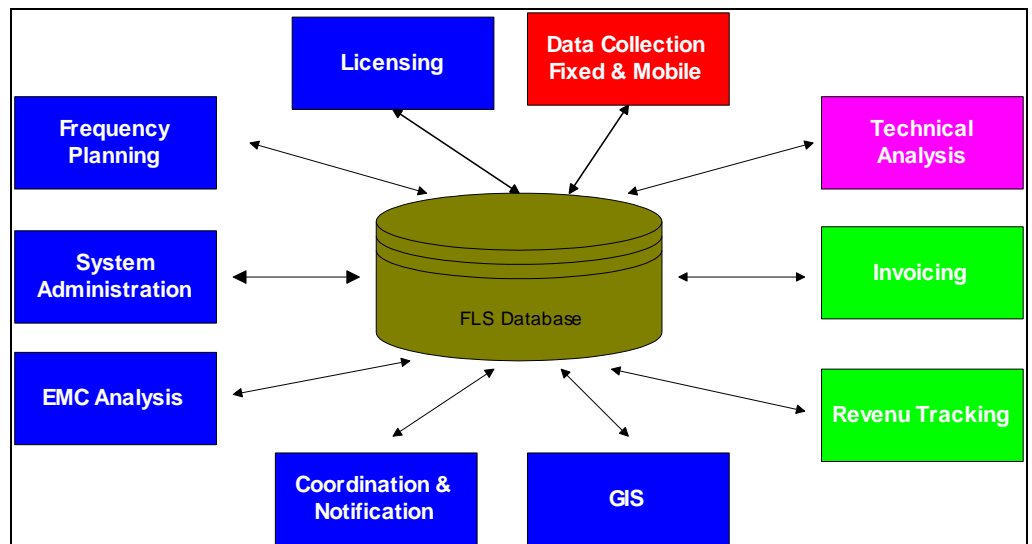# SID
Station Information Database

The Station Information Database is a modular approach to the growing need of a small efficient database capable of delivering the necessary functions to support the requirements of the frequency licensing process.

Based on Microsoft SQL server and the latest windows operating system, SID is a multi-user application that can run on multiple workstations to support the various tasks of the application.

Since the modules are independent, each module can be operated from a different department, SID was designed with the objective of assisting the frequency licensing authorities in the establishment of a frequency assignment database, while supporting the administration and the control of the frequency spectrum.

SID provides licensing, system administration, licensing and data collection modules, to allow the user to initiate a user database. Additional functionality may be added as required.

Major Features

SID assists spectrum regulators in their spectrum management activities by helping them perform tasks more accurately and efficiently. The following functions are fully implemented and supported:

- Data entry and storage
- Easy search functions and reporting to view client, station, frequency, equipment, and radio frequency user details
- Frequency band planning and license statistics
- Frequency license issuing and invoicing
- Coordination and notification
- Graphical information system displaying licensing and monitoring information on a map

SID

Using the capabilities of SID, regulators can establish a frequency assignment database and improve their working efficiency by performing tasks faster and more accurately. The application software has several security features. For example, user access control by name and password, detailed audit information on the record creation date, and identification of the last user who updated the record. The system administrator can set usernames and passwords with different access privileges to access different sections of the application and database. Users may have access to search only while others may add new records and change the parameters of the database.

Using the Aerosystems International SID database, operators can have direct access to the Aerosystems' spectrum monitoring systems to generate monitoring task plans and upload technical measurement results into the Technical Measurement and Reporting System (TMRS) database.

The SID reporting capabilities allow the generation of many reports. Reports may be customized according to clients' needs.

For more information on SID
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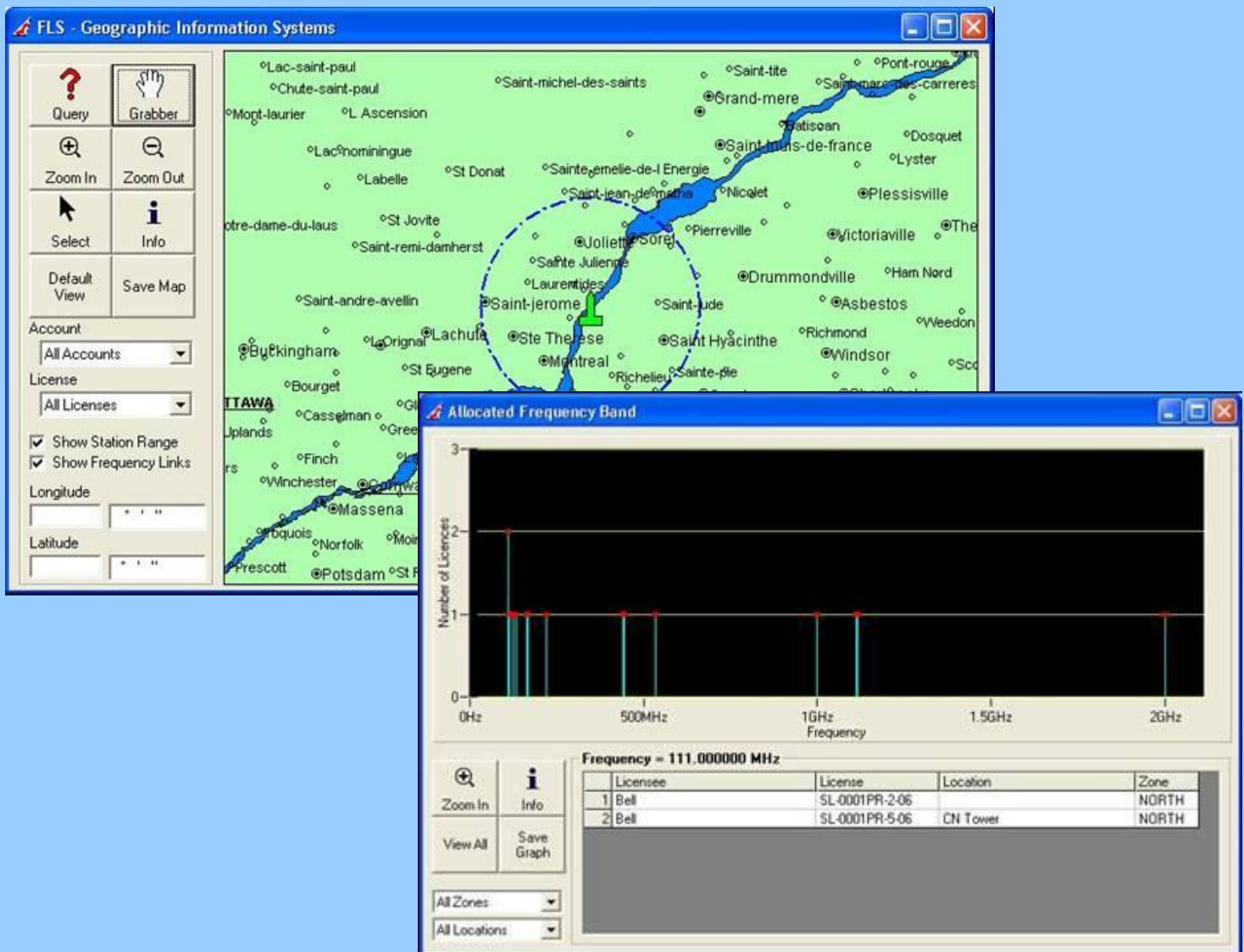3538 Ashby
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