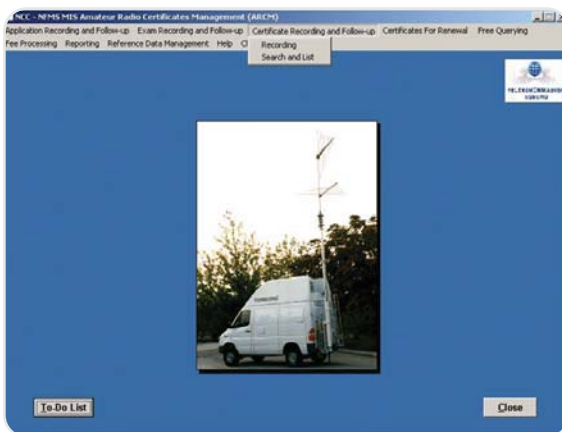


automated spectrum management information system

There is no doubt that achieving a high level resource utilization and performance in administrative tasks of a regulatory agency carries a vital importance. Overrating this need, Communications and Spectrum Management Research Center (ISYAM), on the basis of its long-standing involvement in studying spectrum engineering in telecommunications applications, has developed Automated Spectrum Management Information System, which is an integrated set of subsystems tailored for automation of all administrative tasks of a regulatory body.

ASMIS provides the following subsystems in an advanced level for a complete, coherent, ITU-compliant and easy to use turn-key solution to spectrum management activities:

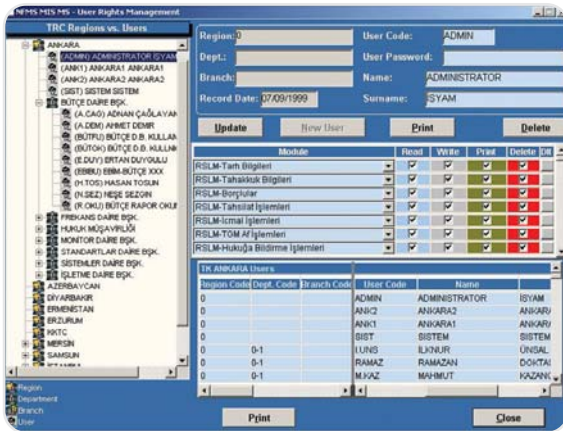


- Radio Station Licenses Management
- System Control Management
- Amateur Radio Station Licences Management
- Citizen Band Radio Certificates Management
- Radio Operator Certificates Management
- Amateur Radio Certificates Management
- Foreign Amateur Radio Certificates Management
- Interference Complaints Management
- Equipment Standards & Authorization Licences Management
- ASMIS Management Support – Security and Diagnostics
- Fee Management

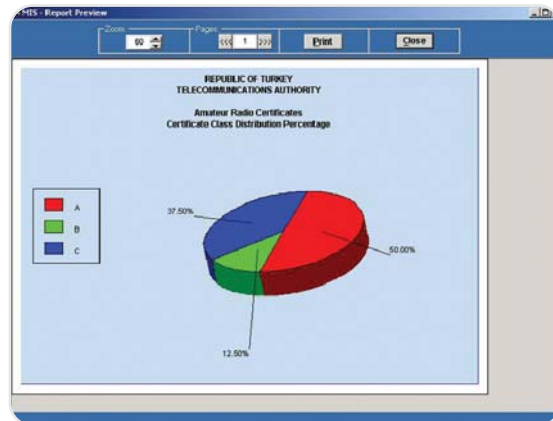
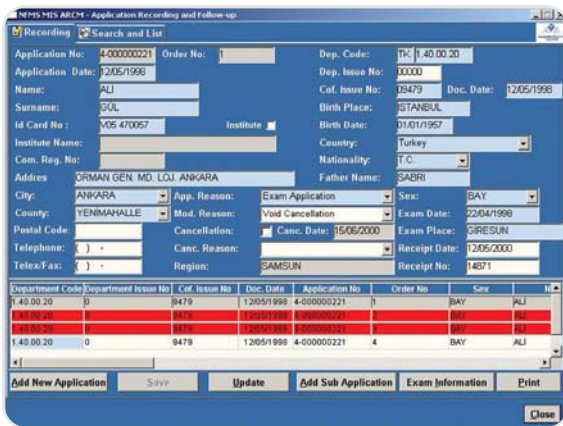
with outstanding key features:

- Compliance with the latest ITU recommendations and guidelines
- Modularity for satisfying future requirements as well as the existing ones
- Extensive customization, upgradability and development structure to achieve and maintain world quality products and services that meet and exceed customer's requirements
- Multi-level security structure plus application level user rights management
- Relational database management system assuring data integrity, consistency and security
- Comprehensive graphical reporting at subsystem level
- Customized report generation add-on





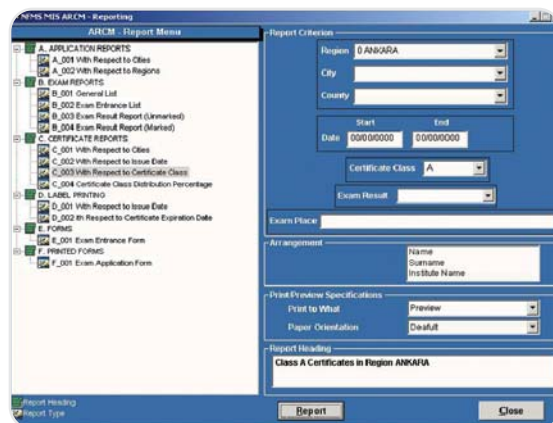
and timely data access turns out to be the key to every regulatory body's ability to meet growing demands. Easy-to-use reporting modules that come in handy with ASMIS subsystems help you generate informative, graphical or text, decision-ready standard reports without any need to know the database language to understand how to access your data. Going beyond standard reporting, free querying interfaces help you generate custom queries, obtain, print and export the results. Moreover, you can search and list the records satisfying your search criteria at each module, generate list reports and even obtain single entity full reports located in this way.



- Context sensitive on-line help support
- Reference data management at subsystem level
- Powerful customizable querying and result exporting
- Client-server architecture
- Easy-to-use, user friendly GUI
- Locating the records via advanced search and list functionality at every module level
- User customizable licenses, certificates, notifications
- Seamless integration with Spectrum Engineering System
- Software development and documentation with latest technology under ISO 9001:2000 certification scope

IS IT ONLY REPORTING or MORE?

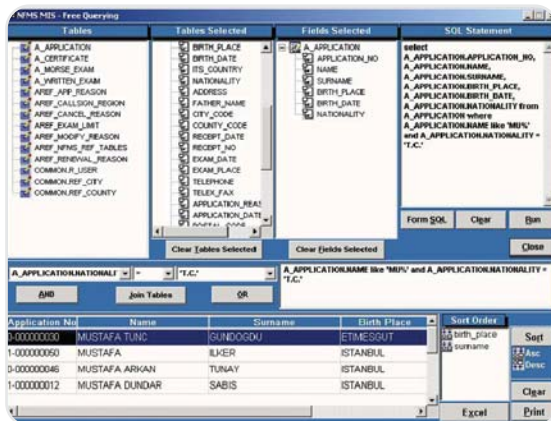
Spending time to develop complex reports may usually mean costly delays in making decisions,



If not enough, add-on tools put you quickly in touch with the information you need via the templates for instant report layout, both graphical and text, seamless connectivity to databases,



and point-and-click query construction. Adding the customized reports created in this way to your standard set of reports brings up a distinguished power. Corporate data becomes clearer, more readily available, and more visual.



AUTOMATION SHOULD MEAN...

- Effective and efficient management system in terms of your human, time and environmental resources
- Easy to use software
- High security, not only for all the data, but also for the applications without any exception
- Input validation for all types of data without any exception

- What you see must be what you get
- Easy, extensive and reliable handling and reporting of all:
 - licensing/certification operations ranging from application, validation, certification exam follow-up, approval/rejection and renewal to producing notices and license/certificate print-outs
 - equipment type-approval and related operations ranging from test equipment delivery, test reporting, standart equipment follow-up and authorization certification to import/export/manufacture certification, trader follow-up and equipment inventory for all
 - on-site system inspection operations ranging from periodic controls and inspection planning to on-site reporting and recording fines
 - interference application, reporting and resolving operations
 - fee management operations ranging from fee and fine (re)calculations, accruals to payments and receivables.

This is how ASMIS software perceives automation of spectrum management activities.