ISSBO Department Reporting Method

TELECOM DEPARTMENT

tecsidel

ISSBO Department Reporting Method

☞ Presentation

DEPARTMENT REPORTING

ISSBO is a department reporting tool that enables information on a business to be analysed and the outcomes assessed in a flexible, transparent and safe manner. Based on distributed architecture that obtains data from the sources where it resides, it integrates perfectly with an organization's existing standard tools and correlates significant information on any business parameter. Its interface is user-friendly so information can be accessed quickly and easily.

BASIC PLATFORM

The ISSBO system is designed to offer maximum access functionality without adding non-essential elements by default. The basic platform operates independently. If necessary, it can be adapted to integrate with other systems in a flexible manner. That is why the only function which is added to the basic ISSBO platform is the inclusion of a user maintenance module and access and visits licences, accessible via the Web.

OVERALL FEATURES

- End users can use Excel in a completely interactive manner.
- Information system managers have a low cost tool with easy integration and high connectivity to data sources.
- In big companies, it is useful as a complement to adapt and integrate into corporate reporting systems.

The ISSBO system adapts to the actual needs of environments that require data analysis on demand.

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☞ Client-server architecture features

1. ***Multiplatform***. It can be installed in all types of devices: Windows NT/2000, Linux, Solaris, etc.
2. ***Adaptable*** for access to any kind of non-resident information in databases. Small developments can be used to create methods for accessing other sources of information: text files, SNMP, FTP, without ever having to change clients, who will always keep the same interface.
3. ***Centralizes access*** to databases by keeping a pool of connections for each database (or a link to databases) that is required. Additionally, a maximum number of authorized connections for each link can be set. Given that the connections are shared by all of the clients, opening and closing times are eliminated. At the same time, the numbers of simultaneous live connections against the databases are controlled, thereby optimizing access.
4. ***Communication*** between the client and the server is supported by the HTTP protocol.

☞ Client-server architecture Functionalities

1. ***Control over user access.*** Users are entered into the system and they are assigned a series of permissions that control which sources of information they can access to make new reports.
2. ***Mecanisms*** for view definition.
3. ***Gateway*** between client requests and data sources (databases, as a rule, but not always), so all of the proprietary software needed to access sources of information only has to be installed in the ISSBO server.

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☞ Client-server architecture. Client access

❶ ***The only requirement*** is to have Excel 2000. No other installation is necessary, since all of the accesses to data are generated by the ISSBO server.

❷ ***Management*** of all communication with the ISSBO server (data request and recovery) from Excel documents.

❸ ***Data presentation*** using Excel's own mechanisms (graphics and pivots). The ISSBO client's only task is to recover information.

❹ ***Incorporation*** (depending on the user's permissions) of a report editor to show where and how to recover data.

Notes

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