Data Management & Exchange Ltd

Database design and development

Database development and data management is our core business. Unlike many other companies who do database development as one of many services, we are specialists in databases and database development.

We have a wide knowledge of the various databases available which means that when we recommend a database system it is because it is the best solution for your business needs, not because it is the only one we can use.

What database services do we provide?

1. Platform independent data analysis and logical database design.
    Having found out what information is to be stored, and how it will be used, we produce a logical design for a database that is efficient, flexible and extendable. At this stage the design is platform independent and can be implemented on any database system.
2. Database development using Oracle, Access, SQL Server, or other DBMS.
    We discuss which DBMS is most appropriate for your needs, based on the amount of data, the number of users, whether you already have existing databases, security or networking requirements, etc. We then build the database using the chosen database management system.
3. Development of forms, reports, stored procedures etc. within the DBMS.
    It is no good having all your information in a database if you cannot access it in a convenient way. We work with you to design and write screen based forms and hard copy reports that fit with your requirements and workflow to allow you to make best use of the stored data.
4. Optimisation and tuning of databases and applications.
    Many database systems are running very inefficiently, taking far longer to process information than is necessary and causing untold frustration to the users. A database needs to be tuned differently for different tasks, e.g. data query, data entry, data editing etc. Most automatic code generators produce very inefficient code which needs to be edited to make it efficient. It is often possible to increase performance by a factor of 10 or more by making some very minor changes, thus saving you the cost of developing a new system.

DMXL your North Wales ORACLE® specialists

Oracle is the worlds leading database, and is used by many top companies across all industrial sectors. DMXL staff have been working with Oracle databases for over 10 years and have built up considerable expertise over this time. If you need Oracle development done, why look further?

Data Management & Exchange Ltd.
Coedlyn,
Rowen,
Conwy
LL32 8YL

Tel: 01492 650651
Fax: 01492 650651

Email: info@dmxl.co.uk
Web: www.dmxl.co.uk