



METROPOLIS

CORPORATE MAP DATABASE FOR LOCAL AUTHORITIES



In a Local Authority, almost every department relies on map information. Using existing paper maps it is impossible to maintain accurate records and to co-ordinate these with other departments. Until MetroPOLIS that is! Laser-Scan's MetroPOLIS is a software package specifically designed for the mapping needs of Local Authorities.

MetroPOLIS is a corporate solution, potentially serving all the Authority's departments, providing a database which allows each user to store and retrieve specific information against a common map base.

The database at the heart of the system is INFORMAP.

In fact, an Authority has the ability with MetroPOLIS to carry out a number of vital information gathering and processing functions. The versatility of using on-screen spatially related map data becomes apparent when you consider the possible applications. Compiling maintenance schedules, accident statistics, drainage records, workload planning, site planning, environmental and social services studies, recreation and leisure facilities management and land records. Multiple users from engineers to social service

workers can "window in" on a named street, neighbourhood or individual feature and extract the information they need.

Installation is straightforward and MetroPOLIS can communicate with the authority's existing hardware, so there's no unnecessary expenditure. MetroPOLIS runs on standard, unmodified DEC workstations and industry standard graphics peripherals.

MetroPOLIS helps Local Authorities to increase efficiency and shorten response times. Which means better administration and more control.

No other company is showing Laser-Scan's commitment to the real needs of Local Government. This makes MetroPOLIS unique and perhaps the most innovative and effective Local Authority database available.

Laser-Scan

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Laser-Scan is a member of The Imtec Group Plc.

TECHNICAL SPECIFICATIONS

LASER-SCAN'S APPROACH

We offer, uniquely, the total solution:

- Project Management
- Data Acquisition
- Consultancy
- Bureau Services
- Hardware and Software
- Support
- Training

No other organisation is capable of making this total commitment to the customer. Laser-Scan's unique pedigree in digital mapping ensures the highest quality in software support and by using DEC hardware, support can be provided from the DEC office local to the customer site.

HARDWARE CONFIGURATIONS

MetropoLIS is offered on standard, unmodified DEC workstations, with industry standard graphics peripherals. This has two vital benefits:

The mapping database can communicate with the Authority's existing computer hardware, ensuring that the new system is an extension of the Information System strategy in which so much has already been invested. Indeed, features on the maps will usually represent data permanently stored on a corporate mainframe.

The DEC solution allows workstations to be networked to each other, so that "the network is the computer." This allows an organic growth (small incremental investments, when necessary, and a small start-up cost if necessary) and physical distribution of the workstations (and the data) around the organisation.

THE DATABASE STRUCTURE

This consists of three components:

- Basemap
- Foreground
- Applications

Basemaps can be Ordnance Survey digital maps or the equivalent created by LSL's bureau. Both these can be updated by MetropoLIS when necessary and shared by all users of the system.

Foreground consists of the asset/event information specific to the user department. The collection of this data is the most onerous part of the project, so again LSL is able to undertake this for the customer.

Applications are the individual department's requirements to view, analyse, report on or process the organisation's data. These will be undertaken by

system procedures tailored to that department's specifications.

FACILITIES

MetropoLIS gives a comprehensive range of manipulative facilities, unrivalled by other products:

- A Continuous digital map – Not sheet based
- Scale free
- Random access via a gazetteer – window in on a named street, premise or neighbourhood
- Multi-user access in real time
- Manipulation of alphanumeric attributes of a map feature – to analyse or report
- Distributed database

In addition, MetropoLIS delivers application-specific procedures (under menu control) for use by departmental specialists, for example:

- PUSWA Notices
- Street furniture inventory
- Accident statistics
- Community Charge administration
- Drainage records
- Leisure facilities
- Direct Labour Organisation workload planning
- Social services studies
- Land terrier records
- Route planning (e.g. Refuse collection, School buses, etc ...)
- Surveying updates and potentially others

BENEFITS

How do you afford all this?

- Eliminate duplicated record-keeping effort
- Information distribution via computer network
- Use of graphics to improve comprehension and planning
- Improved productivity
- Decision support via robust and fast analysis and reporting

Our consultants will be pleased to work with you to identify, evaluate and report on an attractive implementation plan for your organisation.

Laser-Scan