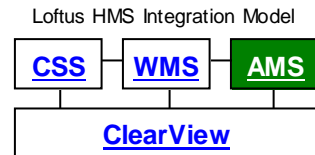


## Asset Management Systems

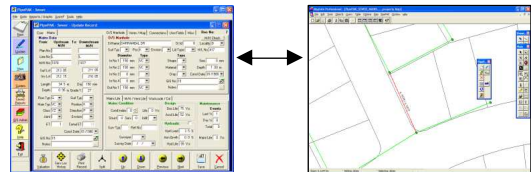
By combining the strength of the detailed asset register, comprehensive reporting and modelling facilities within the Loftus HMS Asset Management Systems with an external GIS application, a seamless integration between textual and geographical data can be achieved.



Loftus IT has successfully achieved this integration with a product called **GIS+Link**.

The **GIS+Link** is a GIS-specific interface designed purposely for organisations using GIS applications from:

- ESRI
- MapInfo
- GenaMap



... that have limited resources in GIS and/or asset management areas. It enables the user to maximise their efficiency by allowing them to tailor work practices to suit the task at hand.

### Features

- Allows your Loftus HMS **AMS** to share information in *real-time directly* with your GIS application
- Facilitates rapid creation and editing of geographical and textual asset data
- Specifically designed for organisations with limited resources, enabling users to create their own work flow processes
- *Low cost* yet powerful integration between your **AMS** and GIS
- One or more assets can be displayed in your GIS application based on any selection of **AMS** data
- Ability to create New records, or Update, View or Delete existing **AMS** records based on the selection of one or more assets in your GIS application
- Allows a standardised GIS application to be used enterprise wide
- GIS applications can be upgraded, modified or replaced without affecting **AMS** data or compromising the integration between the two
- No additional GIS training is required
- Utilises the powerful features of **AMS** and GIS applications

### How it works

The **GIS+Link** extension uses DDE (Dynamic Data Exchange) to communicate with the external GIS application. Some customisation may be required to communicate to your GIS application.

### Technical Specifications

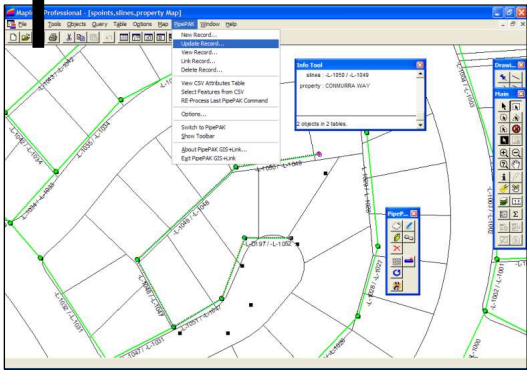
*Hardware: Celeron 366MHz or higher CPU; 128MB RAM (min); 100 Mbit network card & 3D graphics card desirable*

*Software: MapInfo 7.0 (or later); Windows 95 / 98 / NT / 2000 / XP / Vista; MSDE or SQL Server 7.0 / 2000 / 2005*



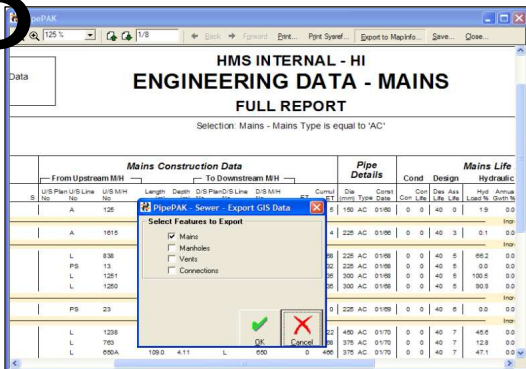
**Flow Process** (using PipePAK and MapInfo GIS as an example)

1



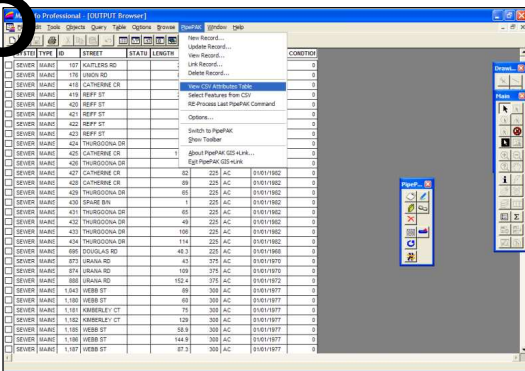
Six pipe sections are selected in MapInfo. Update Record is chosen from the PipePAK menu.

3



A report showing all 'AC' pipes is generated in PipePAK. Export to MapInfo is chosen from the toolbar, 'Mains' is selected and the OK button clicked.

5



View CSV Attribute Table is chosen from the menu in MapInfo. This shows base PipePAK attributes for the assets exported to MapInfo in Step 3.

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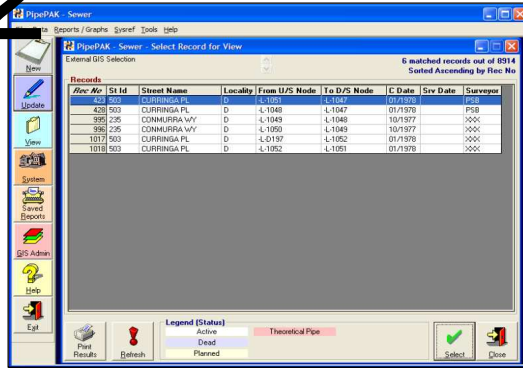
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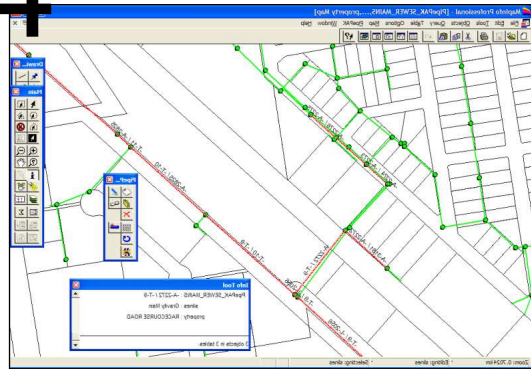
Dulwich SA 5065

2



Focus is automatically switched to PipePAK. Six records are opened for updating based on the selection in MapInfo. The user can then drill-down on these records to modify them.

4



Focus is automatically switched to MapInfo. All 'AC' Mains are coloured on the map in a user-definable colour and style.