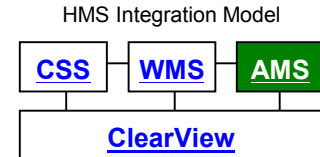




Asset Management Systems

The Dynamic GIS Connection for ESRI

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



HMS has successfully achieved this integration with a product called **GIS+Link** ESRI.

The **GIS+Link** ESRI interface is designed specifically for organisations using the ESRI suite of GIS tools, 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 **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.

Interfaces to MapInfo and GenaMap GIS products are also available.

Technical Specifications

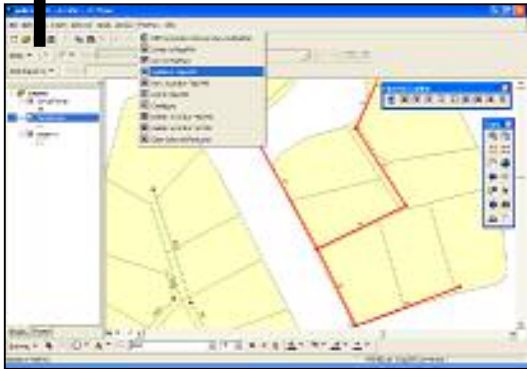
Hardware: Celeron 366MHz or higher CPU, 128MB RAM (min), 100 Mbit network card & 3D graphics card desirable

Software: ArcView 3.2 or ArcMap 8.3 / 9.0, Windows 95 / 98 / NT / 2000 / XP, MSDE or SQL Server 7.0 / 2000



Flow Process

1



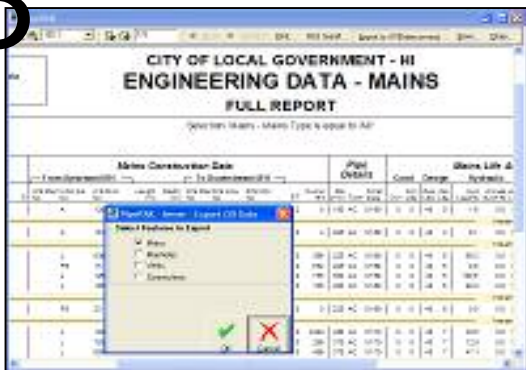
Six pipe sections are selected in ArcMap. Update in PipePAK is chosen from the PipePAK menu.

2



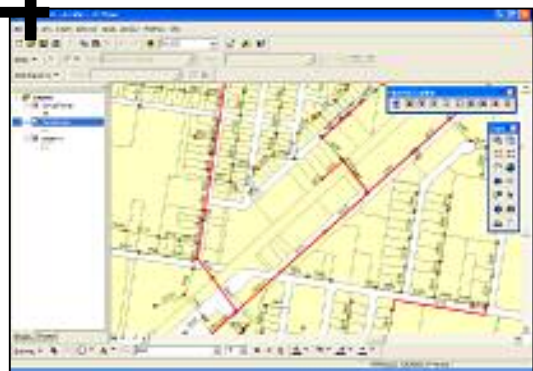
Focus is automatically switched to PipePAK. Six records are opened for updating based on the selection in ArcMap. The user can then drill-down on these records to modify them.

3



A report showing all 'AC' pipes is generated in PipePAK. Export to AV8 Interconnect is chosen from the toolbar, 'Mains' is selected and the OK button clicked.

4



Focus is automatically switched to ArcMap. All 'AC' Mains are highlighted on the map for subsequent review or editing.

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