

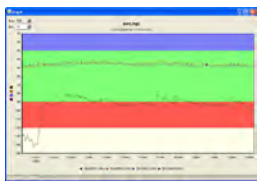
# Magpie 3

**M**agpie 3 is a Microsoft Windows compatible program used in all measurement systems designed and manufactured by Measurement Engineering Australia Pty Ltd (MEA). The software provides an easy-to-use tool for the collection and display of recorded information.

## Data Storage

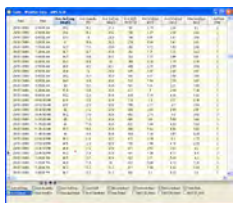
Magpie stores data in a continuous database using the industry standard dBase IV format. When unloading, Magpie retrieves only the data added since the last unload - "topping-up" the database as it goes - so unloads can be performed as often or as infrequently as required. Any part of this complete record of data can be selected and viewed as a Table or Graph.

## Graphical Data Display



Magpie creates new Graphs with just the click of a button. Magpie offers a variety of Graph customisations to help you to generate a Graph view most appropriate for the application. These customised Graphs can be saved as Favourites for fast recall at a later date.

## Tabular Data Display



Magpie's tabular data display is useful to track down specific times, events or values. Tables can be easily navigated to find the area of interest. A subset of the data can be selected and exported for further processing in third party applications.

## Dial-up Telemetry



For telemetry based systems, Magpie provides a manual dial / hang-up facility which allows you call a site, unload the data and even check the current sensor readings.

## FTP Uploading

Data can be automatically uploaded to an FTP server using a Packet Data Terminal, for easy porting to a website.

## Multi-User Access

Magpie supports multi-user access to the Scheme and Scheme data so information can be shared over a network.

## Scheme Building

Magpie also offers the power to generate a wide range of Logger programs, from simple to extremely complex allowing for a high level of system customisation when required.

The Magpie Scheme Editor displays Scheme components in an ordered, logical fashion (from simple to advanced), allowing you to pick and choose the functionality you require.

## A Framework For All Schemes

MEA provides a set of libraries with Magpie that allows you to further customise the behaviour of your system. Advanced users can even maintain their own custom instrument libraries and direct Magpie to search these libraries when building Schemes.

## What's New in Magpie 3?

Magpie 3 introduces several new features and improves upon some existing features from its predecessor, Magpie 2.

Several different Schemes can be combined to form a Magpie Project:

- Create Graphs with series data from several Schemes
- Quickly open any Table from any Scheme within the Project
- Simultaneously open Tables from different Schemes next to each other
- Unload all Schemes with the click of a button
- Direct access to every Favourite from every Scheme in the Project
- Benefit from the improved efficiency of Project automation
- Edit any specific Scheme from within a Project.
- Easily manage Projects with the new Project Manager

Other features include:

- The Magpie Helper to help you get started
- Many improvements to the Wind Rose module
- New automation commands
- Complete Windows Vista compatibility
- Various Graphical enhancements
- Support for 128 COM ports
- Magpie 3 Schemes are backwards-compatible with Magpie 2
- Drag-and-drop Schemes and Projects onto Magpie to open them

