



D i n g o



Dingo Maintenance Systems
Brisbane, QLD Australia
Denver, CO USA

February 9, 2003

RE: MaintenanceGuy V 1.5 Release

Dear MaintenanceGuy user,

This note is to let you know of a new release of your MaintenanceGuy software which has been put into production today.

No action is required on your part to receive the new system - our .NET architecture checks your version of the software every time you log in and updates it as needed. This upgrade is free, and is included with your subscription. You will be able to log in to your system and use it as before. All your data has been converted into the new system.

There are some **great** new features in Release 1.5! Below is a detailed description of these. We hope these new features are useful to you and we welcome your feedback. Please send any comments to support@dingo.com or call us in the USA on 1-888-346-4630 or in Asia Pacific +61 7 3115 9000.

Thank you for your business.

Regards,

Paul Higgins

for the MaintenanceGuy Development Team

MaintenanceGuy 1.5 (MGV015R0037) Release Notes Feb 9, 2003

General Improvements

1. The details screens (where Asset, Component and Sample Point Information is stored) have been redesigned to look better and group relevant information visually.
2. Labels have been added to each screen to clearly indicate the function of the screen.
3. Names have been added to the buttons for easier identification, and they have been made significantly larger.
4. The new database runs faster and includes improvements to security like auditing, user session control and additional transaction control. It will also enable more rapid deployment of additional features going forward.
5. Additional fields have been added to provide better analysis by the lab and improved reports.
6. Main screen area now scrolls if window size is reduced.

Menu Changes

Added `File | Site Setup ...`

This menu allows a user to manage the name and address details of the site. Previously, these details were stored at the entity level, however user feedback indicated that having address information at the entity level was redundant.

`User` and `User Setup` menus are now combined in `File | User Setup ...`

A User can now edit their *UserID*. They can also select whether or not they will receive e-mail alerts. The language settings are taken at the time of login, so this redundant setting has been removed.

Tree View

The unmatched samples are now grouped under an unmatched equipment item. This means that if many samples come in from a lab that are unmatched then you only have to drag and drop once for the equipment and not for each individual sample.

Entity Details

The Entity screen has been simplified to record only *Entity*, *Description* and *Comments*. This was based on feedback from users that having address information at the entity level was confusing and added work. Address details are now entered once only for the site, in the `File | Site Setup ...` Menu.

Asset Details

Screen title bar added Asset: AX765

Asset Information heading added

Number field renamed *Asset*

Fluid field removed (Components contain the fluid information, so this was redundant)

Make and *Model* fields renamed *Asset Make* and *Asset Model* and grouped together.

Model fields are now a subset of *Make* fields eg: If CAT is selected as *Make*, only CAT models will display in *Model* dropdown.

Application field added for better analysis by the lab. The options are:

Automobile

Automobile

Aviation

Gas / Oil Field

Marine

Mining

Off Highway

Other

Plant

Railroad

Transportation

Component Details

Screen title bar added eg: Component: Final Drive

Component Information heading added

Grouped screen into 3 subsections: Component Details, Lubrication Information and Maintenance Information.

Components Information

Make and *Model* fields renamed *Comp Make* and *Comp Model* for clarification

Model datasets are a subset of *Make* eg: If Cummins is selected as *Comp Make*, only Cummins models will display in *Comp Model* dropdown.

Added *Comp Type* and *Comp Subtype* field. This data prints on the new sample label form to give more information to the lab to perform better analysis. These have each been set to a default value of Not Specified

Lubrication Information

Additional lubrication fields have been added to provide you with a place to record lubrication information for each component. This information also prints on the sample labels to enable the lab to perform better analysis.

Fluid field renamed to *Lubricant*

Grade field added

Filter Brand field added

Filter field renamed to *Microns*

Filter Type field added (Bypass, Full Flow, Bypass and Full Flow, Other)

Rating Field added (Absolute, Nominal)

Maintenance Information

Additional fields have been added to enable you to record the maintenance objective for each component

Objective field added (Basic, Breakdown Avoidance, Extended Component Life, Extended Drain, PDM, Reliability Centered)
Replacement field added. This field can help you record your plans for when to replace this unit. Choices are Scheduled, On Condition,
Life Expectancy field renamed to *Expected Life* and added field to enable life expressed in Dates or Meter Units

History

The history grid now can contain characters other than just numbers. Therefore if the lab sends <15, then that is what appears in the history grid. The database then converts this into a number using an algorithm in order to display a graph. This is useful for accurately displaying the actual results posted by the lab.

Reports

Sample Label Report redesigned to include more relevant information for the lab and to enable better processing of samples.

Old sample labels (MGOAP were removed from the system.)

Sample Label – MGOAP

Sample Label – MGOAP Small

Sample label

Sample Label - Small