TriBuild 1.41 – Diagnostics

TriBuild 1.41 includes the new Graphical Diagnostics with the existing Triguard for Windows ladder based configuration tools
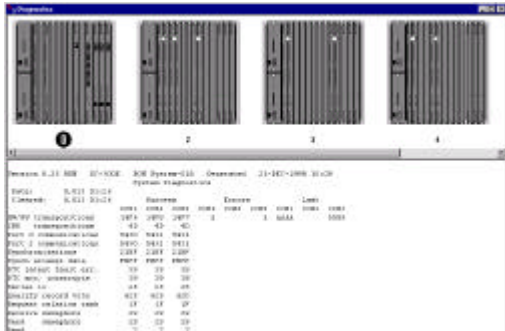
Graphical Diagnostic displays in the TriBuild work bench enable direct access to primary and consequential system faults.

Main Features

- Full 15 Chassis display
- Colour change indication of module fault
- Graphical filter to enable fault filtering
- Point and click interrogation of fault data
- Config, History and Data Reports

Description

The Advanced Diagnostics determine the location and type of error on any Triguard SC300E Safety Controller. The diagnostics interrogate the controller, downloading its configuration and displaying errors in an easy graphical format. A drilldown facility enables more details to be displayed.

Additional features allow the automatic periodical monitoring of the system, which automatically generates an alert to notify the operator of any new fault .

Problem Diagnosis

All Triguard SC300E system faults, can be diagnosed by using the following sequence:

Step 1. From the TriBuild main menu select
View-> Diagnostics

The Diagnostics window shows the actual system configuration.

Step 2. Request the Diagnostic data from the SC300E by using the Request option on the Diagnostics menu.

TriBuild interrogates the SC300E and retrieves the diagnostic data. Faults will appear in red on the graphics (unless filtered) and as text below.

This is just the top level of diagnostics, to retrieve more information on a particular problem you must perform a drilldown on a fault.
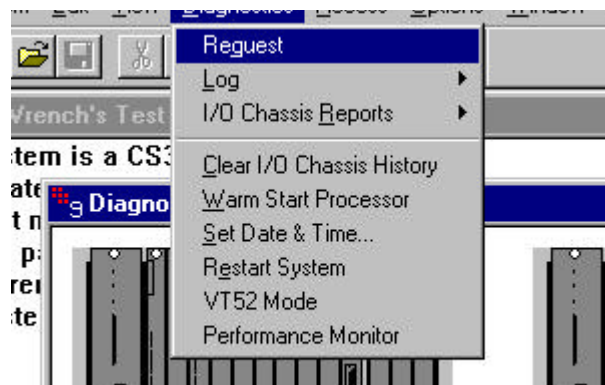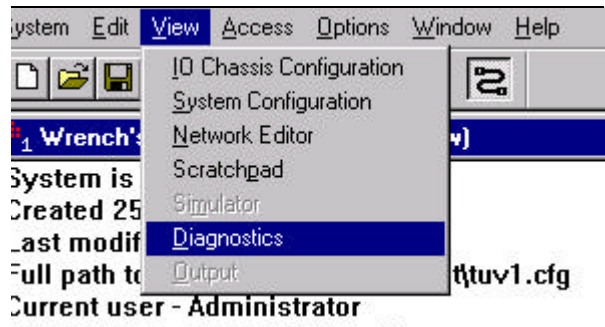
Drilldown

Drilldowns are performed by Double-Clicking on the line of text that contains the error, or Double-Clicking the Highlighted module in the graphics. Drilldown enables a detailed report on any Digital Input, Digital Output, Analogue Input or Analogue Output module to be obtained as shown below.
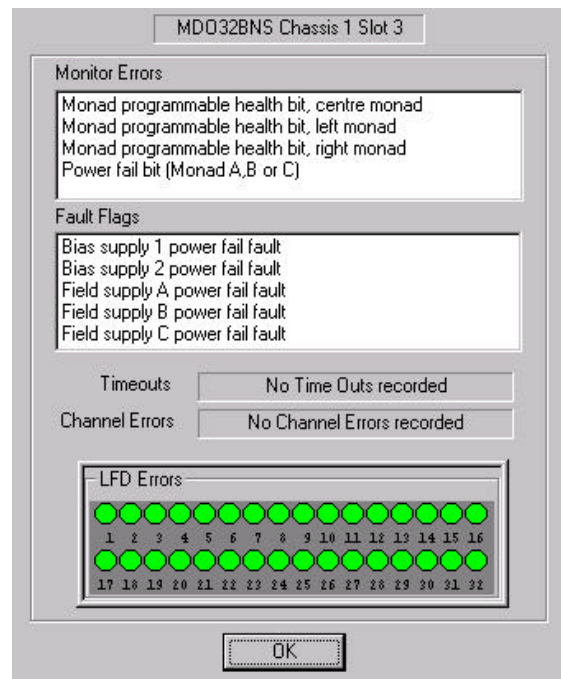
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