

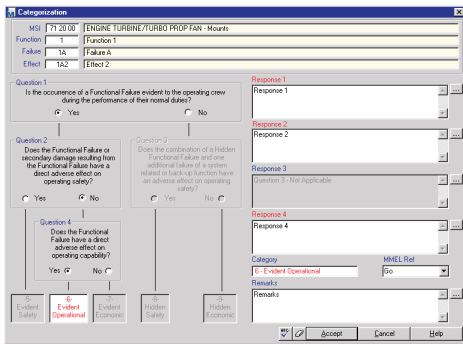


# MPC3

An MSG-3 Compliant Maintenance Program Creator

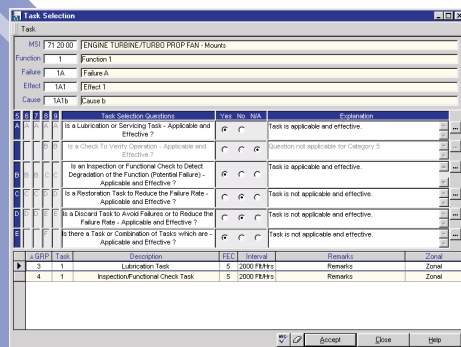
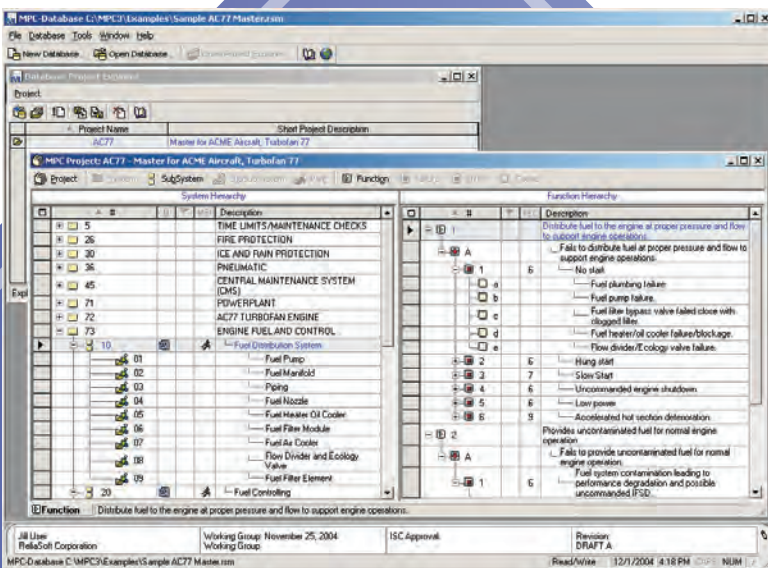


**ReliaSoft's MPC 3 is an MSG-3 compliant maintenance program creator designed for the aerospace industry. The software automates, manages and controls the entire MSG-3 systems and powerplant analysis process, from the initiation of the analysis to the automated creation of final report documents, with built-in features for the management and control of data and documents for multiple projects.**



**Developed in conjunction with Honeywell Aircraft Engines & Systems (and based on Honeywell's MSG-3 Creator 2.0 software), MPC 3 provides powerful interface enhancements and new features. The application has been designed to assist engineering teams to accurately and efficiently complete MSG-3 aircraft systems and powerplant analysis in accordance with the guidelines of the Air Transport Association's**

**ATA Operator / Manufacturer Scheduled Maintenance Development (MSG-3) document, accepted by the FAA as a guideline for development of Maintenance Review Board (MRB) reports.**



<http://MPC.Reliasoft.com>

# FACILITATES THE ENTIRE PROCESS FOR MSG-3 SYSTEMS AND POWERPLANTS

From the identification of maintenance significant items (MSIs) through the analysis of functions, failures, effects, causes and tasks, to the generation of the final report document, ReliaSoft's **MPC 3** software guides you through the entire MSG-3 process for aircraft systems and powerplant analysis.

## Identify Maintenance Significant Items (MSIs)

The **MPC 3** interface makes it easy to define and manage the systems, subsystems, subsystems and parts to be included in your analysis. The software contains the complete list of ATA system and subsystem numbers and descriptions for you to select from and also provides quick and easy utilities for defining subsystems and parts. The intuitive hierarchical structure makes it easy to manage and display this information. The software contains built-in logic, based on the ATA MSG-3 guidelines, to help you determine which components represent maintenance significant items (MSIs) in the analysis.

## Defining Functions, Failures, Effects and Causes

For each MSI, you can easily define and modify the related functions, failures, effects and causes. This information is also displayed in an intuitive hierarchy that is easy to navigate.

## Categorizing Effects and Selecting Maintenance Tasks

**MPC 3** includes built-in logic for determining the failure effect category and selecting the appropriate maintenance tasks. The software allows you to categorize effects as Evident Safety, Evident Operational, Evident Economic, Hidden Safety and Hidden Non-Safety.

**MPC 3** also guides you through the steps to select and assign Lubrication/Service, Inspection/Functional Check, Operation/Visual Check, Restoration, Discard or other maintenance tasks.

## Automatic Report Generation in Microsoft Word

After guiding you through the process to complete the MSG-3 analysis, **MPC 3** will automatically generate the complete maintenance program report document in Microsoft Word. This report can be generated automatically in a fraction of the time required to manually prepare a report and includes all required formatting, analysis results and attached "Description and Operation" (D&O) documents.

### Platform

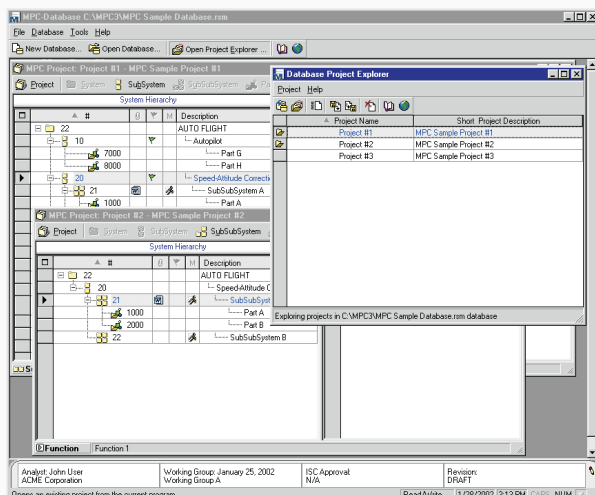
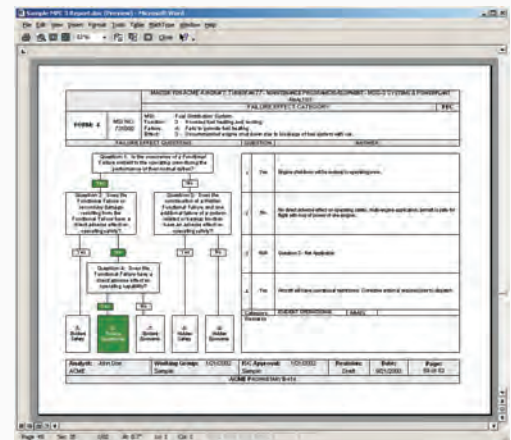
Windows NT, 2000, XP or Vista.  
Microsoft Word 97 or higher for report creation.

### Integration

Xfmea and RCM++.

### Support

ReliaSoft's unparalleled after-sale support includes free telephone, fax or e-mail support. Free minor version updates are also included.



## Teamwork and Project Management

**MPC 3** has been designed to allow multiple users and/or groups of users to work cooperatively on their MSG-3 analyses. This includes document control capabilities via check-in and check-out.

The software also facilitates the ability to re-use sections from other analyses, when applicable, by providing capabilities for import/export and copy/paste. For most text fields within the analysis, you also have the option to select a description from a list of existing entries for that field.

**ReliaSoft.**



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