Relyence Maintainability Prediction
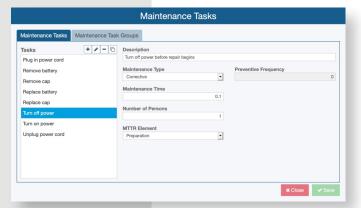
Maintainability Prediction per MIL-HDBK-472

Relyence® Maintainability Prediction provides an efficient framework for performing maintainability analysis based on the widely accepted MIL-HDBK-472 standard. Relyence's powerful features including an accurate calculation engine, quick search capability, integration with other software tools, and comprehensive reporting enable you to effectively organize and manage your maintenance policies and procedures.

MIL-HDBK-472 Compliant. Relyence Maintainability Prediction is based on the worldwide accepted standard for maintainability predictions – MIL-HDBK-472, and includes all the building blocks used to perform an analysis: Tasks, Task Groups, FD&I (Fault Isolation & Detection) Outputs, and Maintenance Groups. For maximum efficiency, Relyence Maintainability Prediction has built-in support for the MIL-HDBK-472 Task Library and enables you to create your own libraries of maintenance data. In addition, the handy Search Tasks feature provides quick and easy retrieval of your maintenance library data.

Maintenance Metrics. Relyence Maintainability Prediction's built-in computational engine offers a comprehensive set of metrics, including mean time to repair (MTTR), mean corrective maintenance time (MCMT), mean preventive maintenance time (MPMT), percent isolation to a single replaceable item, availability, Maintainability Index, and much more. Plus, you can compute results across any combination of Maintenance Levels.

Capabilities to Rely On. Not only does Relyence Maintainability Prediction capably support your analysis requirements, but it also includes an impressive feature set that adds the power and capabilities you expect in a best-in-class software package. Relyence Maintainability Prediction provides User and Group management for establishing role-based permissions, cross-module integration with other Relyence tools, support for revisions, detailed access control for your analyses, and much more. In addition, our device independent platform is browser-based and enables you to perform your predictions on your PC, Mac, tablet, or smartphone.

Dashboard. The Relyence Maintainability Prediction Dashboard provides an at-a-glance overview of your maintenance information. Combining all the data you need for quick assessment, the Dashboard offers the ability to monitor and manage your maintainability predictions with efficiency and effectiveness with a choice of customizable widgets. This focused overview enables you to quickly gauge system health, proactively maintain your objectives, and turn insight into action.

KEY HIGHLIGHTS

- **MIL-HDBK-472 support**
- **Procedures 2, 5A, 5B**
- **MTTR calculations**
- **Numerous repair metrics**
- **Tasks & Task Groups libraries**
- **FD&I Outputs**
- **Customizable maintenance levels**
- **Reliability Prediction integration**
- **Role-based permissions**
- **Revision control**
- **Dashboard overview**
- **Zero-client, browser-based**

Deployment Choice. Relyence Maintainability Prediction, as all Relyence software tools, is built on the Relyence Platform - a highly adaptable and mobile-friendly framework constructed with today's workplace in mind. Relyence Maintainability Prediction can be installed on-premise at your location, hosted in the Microsoft Cloud to take advantage of Microsoft's industry-leading Azure platform, or hosted in your own private secure cloud. All platforms offer the same features and functions. The choice is yours!

Relyence | Maintainability Prediction

Maintainability Prediction per MIL-HDBK-472

Ensuring full compliance with your maintainability predictions.

Quick Search for Maintenance Information

Integration with Other Relyence Tools

Hierarchical Tree Structure for Organization

Maintenance Data

Extensive List of Maintenance Metrics

Extensive Help including Videos

Account Management

Maintenance Tasks for Each Subsystem

Highest Maintenance Items

Calculations

MTTR, MCMT, and much more

Breakdown of MTTR Elements

Example Maintainability Prediction Dashboard

Configurable Dashboards

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