Relyence Reliability Prediction is a powerful tool for performing your MIL-HDBK-217, Telcordia, 217Plus, ANSI/VITA 51.1, and China’s GJB/z 299 reliability predictions, and includes the NPRD/EPRD databases. The streamlined front end is coupled with an accurate calculation engine, providing an impressive reliability prediction platform. The robust feature set rounds out our best-in-class solution: device libraries, BOM importing, what-if? studies, mission profile analysis, visual system diagrams, flexible report generation, graphical dashboards, API functionality, and much more.

Complete MTBF Analysis. Relyence Reliability Prediction supports the worldwide accepted standards for MTBF prediction analyses: MIL-HDBK-217F Notice 2, Telcordia SR-332 Issue 4, 217Plus 2015 Notice 1, ANSI/VITA 51.1, China’s GJB/z 299C, and includes the NPRD/EPRD databases. All facets of the standards are supported, including the full part stress calculations, parts count calculations, hybrid modeling, early life dropout calculations, and the incorporation of laboratory, test, and field data. Relyence Reliability Prediction allows you to extend features from one standard across all, as well as combine standards in one analysis, enabling you to most accurately model your product.

Streamlining Reliability Predictions. Known for our streamlined, rapid data entry and quick, accurate calculations, Relyence Reliability Prediction also enhances efficiency with our built-in component libraries, the ability to directly import BOM data, and support for API functionality. Our built-in library can be augmented with your own component database, and our auto-searching mechanism offers quick access to part data.

Robust Feature Set. Along with full reliability prediction standards support, Relyence Reliability Prediction offers a complete feature set to provide a best-in-class solution: powerful library search, default data values, importing and exporting, flexible and customizable reports, mission profile analysis, what-if? studies, visual system diagrams, integration with other analyses such as RBD and FRACAS, and much more.

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

Deployment Choice. Relyence Reliability Prediction is built on the Relyence Platform - a highly adaptable, browser-based, mobile-friendly framework designed with today’s workplace in mind. Relyence Reliability Prediction can be installed on-premise at your location, hosted in the Microsoft Cloud, or hosted in your own private secure cloud. All platforms offer the same features and functions. The choice is yours!
Streamlining MTBF analysis with rapid data entry and accurate calculations.

- Graphical and Tree Views of System Model
- Component Libraries with Auto-Search
- Extensive Help including Videos
- Collapsible Sidebar Menu
- System Model & Parts List
- Customizable Parts Table
- Account Management
- Top Ten Highest Failure Rate Components
- Detailed Parts Form
- Parts Form & Pi Factors
- Failure Rate Percentage Pie Chart with Drilldown
- Failure Rate vs. Temperature Graph
- Example Prediction Dashboard

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