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## Neufelder Assessment Model

This assessment model correlates more than 156 software development practices to reliability which are matrixed to the **Quanterion Solutions HDBK-217Plus™: 2015, Notice 1** process grade factors.

- Users of Quanterion Solutions HDBK-217Plus™: 2015, Notice 1 can predict software failure rates using a subset of the process grade factors.
- As with the [Software Reliability Toolkit](#), this model predicts 7 possible outcomes from "distressed" to "world class".
- The software reliability assessment can be used for sensitivity analysis and tradeoffs.
- This model is recommended in the 2016 IEEE Recommended Practices for Software Reliability.
- Predict these things before the code is even written
  - Predicted software operational and testing defect density
  - Predicted software operational and testing defects
  - Predicted software defect pileup
  - Predicted software failure rate, MTTF, MTTCF, reliability, availability, reliability growth.
- SRE prediction models are recommended by the IEEE 1633 Recommended Practices for Software Reliability 2016.
- Generates predictions for each software LRU so that it can be integrated with the hardware component predictions
- Macro enabled licensed spreadsheet, single user license

## Related training course and services

IEEE 1633 Recommended Practices for Software Reliability 2 day training class is required for proper use of the Neufelder Assessment toolkit. Additionally we offer software reliability assessment and software reliability prediction services.

## Price and System Requirements

Product	Product code	Price	System Requirements
Neufelder Assessment Model	NAM	\$499 each – 1 single user licens	<ul style="list-style-type: none"><li>• Recent edition of Microsoft Excel (2013 or greater)</li><li>• Must be able to configure Microsoft Excel to enable all macros</li></ul>