Frontier Technology Inc.

Make the World More Informed, Productive and Secure

Life Cycle Management Solutions

Metric Progress Analysis Engine (MPAE)

Features

- ***Framework tailoring to support multiple metric processes***
- ***Define metric parameters, grouping, and documentation***
- ***Visualization of time series data, with data filters***
- ***Means to normalize measures, indicators, goals to a common index***
- ***Parameterization of measures for user defined categories, e.g., regions, ethnicity, gender***
- ***Exports worksheets for import of quantitative, survey, and expert opinion data***
- ***Automated search for strongly correlated measures***
- ***Define a correlation hypothesis for regression test***
- ***Easy import/export to exchange database via email***
- ***Publish reports to the Web***

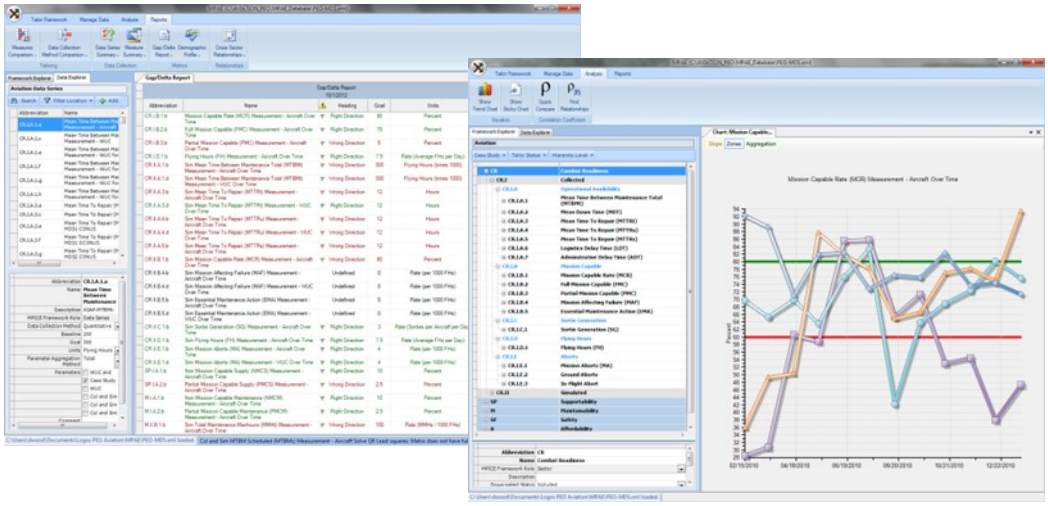
Benefits

- ***Meaningful comparisons of measures across sectors***
- ***Trace tailored measures back to measurement framework***
- ***Stakeholder coordination of analysis results***
- ***Systematically document progress over time***

FTIs MPAE tool enables effective metrics tracking and reporting to assess progress against established goals.

FTI's MPAE provides capability to track progress and understand trends to identify relationships between parameters. Hypothesis testing determines statistical validity of correlations. It displays cost, maintenance, and readiness data in one application. FTI's proven decision analysis infrastructure and algorithms support the correlation analysis and parameterized trend analysis to provide insights into cross-sector relationships and dependencies.

MPAE has been applied to NATO Training Mission –Afghanistan (NTM-A) to assess the progress of the Ministry of Interior Afghan National Police Development effort. The tool has also been applied to Army PEO Aviation maintenance metrics, Air Force Reaper reliability, availability & maintenance metrics, and Navy AN/SPY-1 radar obsolescence trending and prediction.



MPAE tool is well suited for metrics tracking and reporting of Navy Expeditionary Combat Command (NECC) datasets

- Evaluate effectiveness and identify areas for improvement of Casualty Report (CASREP) generation
- Evaluate current state and effect of possible improvements on 3M Analysis and Reporting processes
- Display of progress toward Deport Maintenance Management Too (DMMT) update

For more information, please contact ProductInquiry@FTI-NET..com

4141 Colonel Glenn Hwy, Suite 140 Beavercreek, Ohio 45431 http://www.fti-net.com

©2018 Frontier Technology Inc.

Printed in U.S.A.