

Schedule Analyzer forProject™

Simple, comprehensive schedule health checks
for Microsoft Project



VERSION 4.1

Schedule Analyzer forProject offers:

- *Simple, one-click access to DCMA 14 point Assessment and EVMS Compliance Metrics (DECM)*
- *Over 150 additional metrics and counts to check and improve schedule quality*
- *Toggle filters and visual stoplight indicators to quickly identify problems*
- *Export to Excel for reporting and communication*
- *Built-in XML export for IPMR Format 6 (IMS) in UN/CEFACT XML format and IPMDAR Schedule Performance Dataset in JSON format*

This simple, easy-to-use add-in to Microsoft Project enables users to quickly identify and correct potential schedule problems, to meet contract requirements and to make schedules better.

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The Defense Contract Management Agency (DCMA) has developed a 14-point schedule assessment and DCMA EVMS Compliance Metrics (DECM) that are intended to quickly and consistently highlight potential schedule problems. This analysis is required on many US government contracts with an Earned Value Management (EVM) requirement.

However, performing these analyses can be a time-consuming and difficult process for even experienced schedulers.

Schedule Analyzer forProject™

Schedule Analyzer forProject is an add-in for Microsoft Project that simplifies and saves your team time in preparing the DCMA 14-point assessment, DCMA DECM metrics and over 150 additional schedule health checks.

The screenshot shows the 'Schedule Analyzer forProject' window for a project named 'ACME Artillery System IMS.mpp' with a status date of 4/30/2021. The 'Completion Task' is '479 - RMA Report Update'. The interface includes checkboxes for 'DCMA 14 PA Metrics', 'DCMA DECM Metrics', and 'Additional Health Checks'. A table displays the following metrics:

Metric	Count	Percentage	Status	Action
Dangling Starts or Finishes (06A204b)	8	12.121%	Red X	None
Lags (06A205a)	27	40.909%	Red X	None
Summary Tasks with Logic (06A208a)	1	0.114%	Red X	None
Hard Constraints (06A209a)	7	10.606%	Red X	None
LOE Task with Discrete Successor (06A210a)	0	NA	Green Check	None
Out-of-Sequence (06A212a)	16	NA	Green Check	None
Critical Path (06A401a)	0		Green Check	None
Missing Baseline Dates (06A501a)	0	0.000%	Green Check	None
Actual Start Changed (06A504a)	0	0.000%	Green Check	None
Actual Finish Changed (06A504b)	0	0.000%	Green Check	None
EV % Complete > 0 with no Actual Start (06A505a)	0	NA	Green Check	None
EV % Complete = 100 with no Actual Finish (06A505b)	0	NA	Green Check	None
Invalid Actual Dates (06A506a)	0	0.000%	Green Check	None
Invalid Forecast Dates (06A506b)	44	66.667%	Red X	None
Forecast Dates Riding the Status Date (06A506c)	2	3.030%	Red X	None
SLPP with Duration <= 1 Day (08I101a)	0	NA	Green Check	None
PP with Duration <= 1 Day (10A303a)	0	NA	Green Check	None

At the bottom, there is a 'Critical Path Test failed: 2035 - Mag #4, Final Assembly, Delivered (SYND05/03/11)' message. The interface also includes a 'Toggle: Filter' button, 'Export', 'Settings', and 'Close' buttons.

Key Features

- Simple, one-click operation saves time and effort and provides immediate feedback to the user
- Supports DCMA 14-point assessment metrics and schedule-related DCMA EVMS Compliance Metrics (DECM)
- Over 150 additional schedule counts and quality metrics based on widely accepted scheduling methods and best practices
- Built-in toggle filters allow quick isolation of problem areas
- Red/Yellow/Green stoplight indicators with configurable thresholds
- Integrated, detailed Help explains each metric and option
- Export results to Excel for reporting and communication
- Built-in IPMR Format 6 export in UN/CEFACT XML format and IPMDAR Schedule Performance Dataset in JSON format

New in v4.1

- Support for latest DCMA EVMS Compliance Metrics (DECM), including seventeen (17) automated schedule metrics
- Over 75 new schedule health metrics and counts including:
 - Primary, secondary and tertiary critical path
 - Baseline dates changed
 - Actual dates changed
 - Finished more than 30/60/90 days late
 - Forecast to Finish Late
 - Forecast to Miss Deadline
 - Planning Package in Rolling Wave Window
 - Start before authorized Period of Performance
 - Finish after authorized Period of Performance
 - Baseline Execution Index (BEI) - Current Period
 - Current Execution Index (CEI) - Start
 - Current Execution Index (CEI) - Finish
 - Baseline Progress Index
 - Baseline Realism Index
 - Forecast Realism Index
- Support for Summary Level Planning Packages and user identification of Critical Tasks
- Import tool to import prior period values from a copy of the project
- Supports export of Integrated Program Management Data Analysis Report (IPMDAR) Schedule Performance Dataset in JSON format
- Ability to customize names of metrics and tabs, and to easily activate/de-activate and skip metrics
- New administrative tools to control changes to standardized settings
- Optimized Excel Export to reduce memory usage for very large projects
- Expanded Help—over 300 Help topics to explain metrics and settings

Compatibility

- *Microsoft Project 2013, 2016 and 2019 (or later) - both Standard and Professional editions*
- *Support for Project Server 2013, 2016 and 2019, and Project Online*
- *Windows 8.1 or 10 (or later) - both 32-bit and 64-bit support*
- *Microsoft Excel 2013, 2016 and 2019*

Silver
**Microsoft
Partner**

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