

Schedule Analyzer forProject™

Make Schedules Better.



VERSION 4.2

- 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
- Ability to create **Custom Metrics Tabs**
- **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** 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 application window. The title bar reads "Schedule Analyzer forProject". The main window displays the "ACME Artillery System IMS (2023).mpp" project. The "Status Date" is 3/31/2023. The "Completion Task" is "477 - RMA Report Update". There are four tabs: "DCMA 14 PA Metrics", "DCMA DECM Metrics", "Additional Health Checks", and "My Metrics". The "DCMA 14 Point Metrics" tab is active, showing a list of 14 metrics with their counts, percentages, and status indicators (green check, red X, or yellow triangle). Below this is a "DCMA General Counts" section showing totals for tasks, completed tasks, incomplete tasks, baseline count, and BEI baseline count. At the bottom, there are buttons for "Toggle: Filter", "Export", "Settings", and "Close". A status bar at the very bottom indicates "Critical Path Test failed: 2785 - Propelling Charge Gun Tests Material".

DCMA 14 Point Metrics	Count	Percentage	Status
01 - Missing Logic	23	1.43%	Green Check
02 - Leads (Negative Lag)	260	10.81%	Red X
03 - Lags	695	28.89%	Red X
04 - Relationship Types	186	7.73%	Green Check
05 - Hard Constraints	0	0.00%	Green Check
06 - High Slack	1094	68.12%	Red X
07 - Negative Slack	0	0.00%	Green Check
08 - High Duration	1176	73.23%	Red X
09(a) - Invalid Forecast Dates	2	0.10%	Red X
09(b) - Invalid Actual Dates	0	0.00%	Green Check
11 - Missed Tasks	23	4.74%	Green Check
12 - Critical Path Test	1		Red X
13 - Critical Path Length Index (CPLI)		1.00	Green Check
14 - Baseline Execution Index (BEI)		1.00	Green Check

DCMA General Counts	Count	Percentage	Status
DCMA Total Tasks	2091	100.00%	
DCMA Completed Tasks	485	23.19%	
DCMA Incomplete Tasks	1606	76.81%	
DCMA Baseline Count	485	23.19%	
DCMA BEI Baseline Count	485	23.19%	

Key Features

- Simple, one-click operation saves time and effort and provides instant 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 v4.1/4.2

- Support for latest DCMA EVMS Compliance Metrics (DECM), including seventeen (17) automated schedule metrics
- Support for NRO Schedule Execution Metrics (SEM), including:
 - Baseline Execution Index (BEI)
 - Baseline Progress Index (BPI)
 - Baseline Realism Index (BRI)
 - Forecast Realism Index (FRI)
- 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
 - Current Execution Index (CEI) - Start
 - Current Execution Index (CEI) - Finish
- Ability to create **custom metrics tabs**
- Support for Summary Level Planning Packages and user identification of Critical Path 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
- 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 2016, 2019 (or later), including Project Online and Project Online Desktop Client*
- *Windows 10, 11 (or later) - both 32-bit and 64-bit support*
- *Microsoft Excel 2016, 2019 (or later) and Office 365*



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