



FORENSIC SCHEDULE INTELLIGENCE • PRIMAVERA P6 / XER

Pinpoint where the programme slipped — and what it takes to recover.

A browser-based forensic diagnostics suite for major capital projects. Drop in a P6 XER and read a defensible verdict in seconds — EVM & Earned Schedule, DCMA / GAO / NASA quality scoring, critical-path and logic analysis, and two-update forensic comparison.

7,303 activities parsed

100% in-browser • 0 uploads

DCMA • GAO • NASA

Seconds

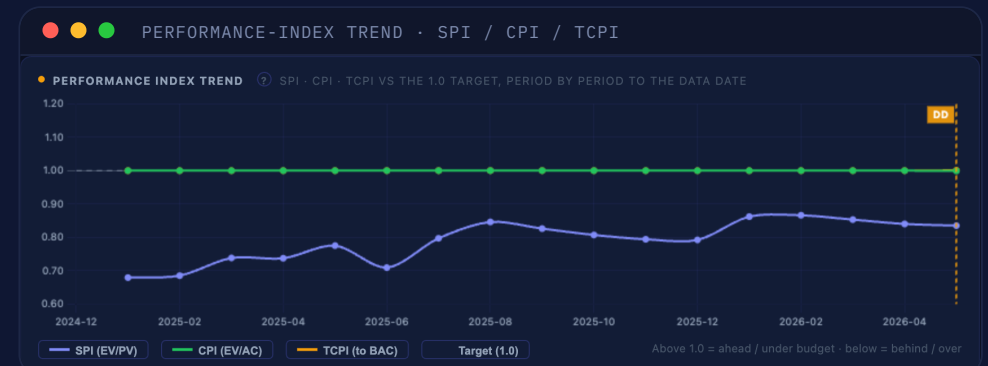
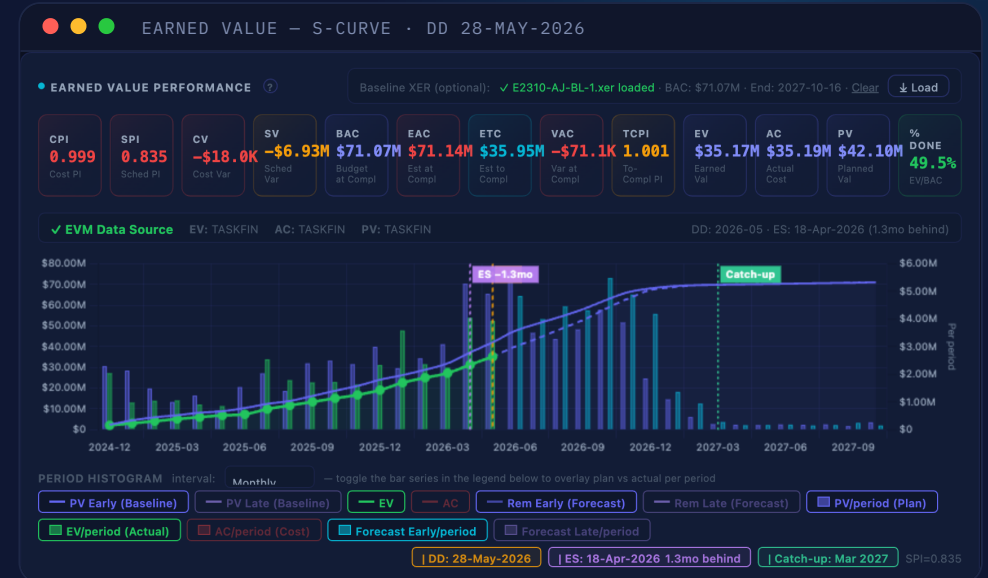
XER → VERDICT

Any P6 XER

VERSION-AGNOSTIC

PDF • XLSX • DOCX

BOARD-READY EXPORTS



From a raw XER to a defensible readout — in one screen.

Upload a single update and the Executive tab assembles the story a programme director, PMC or claims expert needs first: headline health, every KPI against the baseline, schedule-quality grade, milestone variance and the earned-value position — each number traceable to the XER it came from.



Instant, deterministic diagnostics

No setup, no servers. Every figure is computed from the XER on the spot — repeatable and audit-ready.



Maturity score across 8 dimensions

Logic, float health, resourcing, constraints, durations, OOS and baseline — rolled into a graded verdict.



Built for EOT & claims work

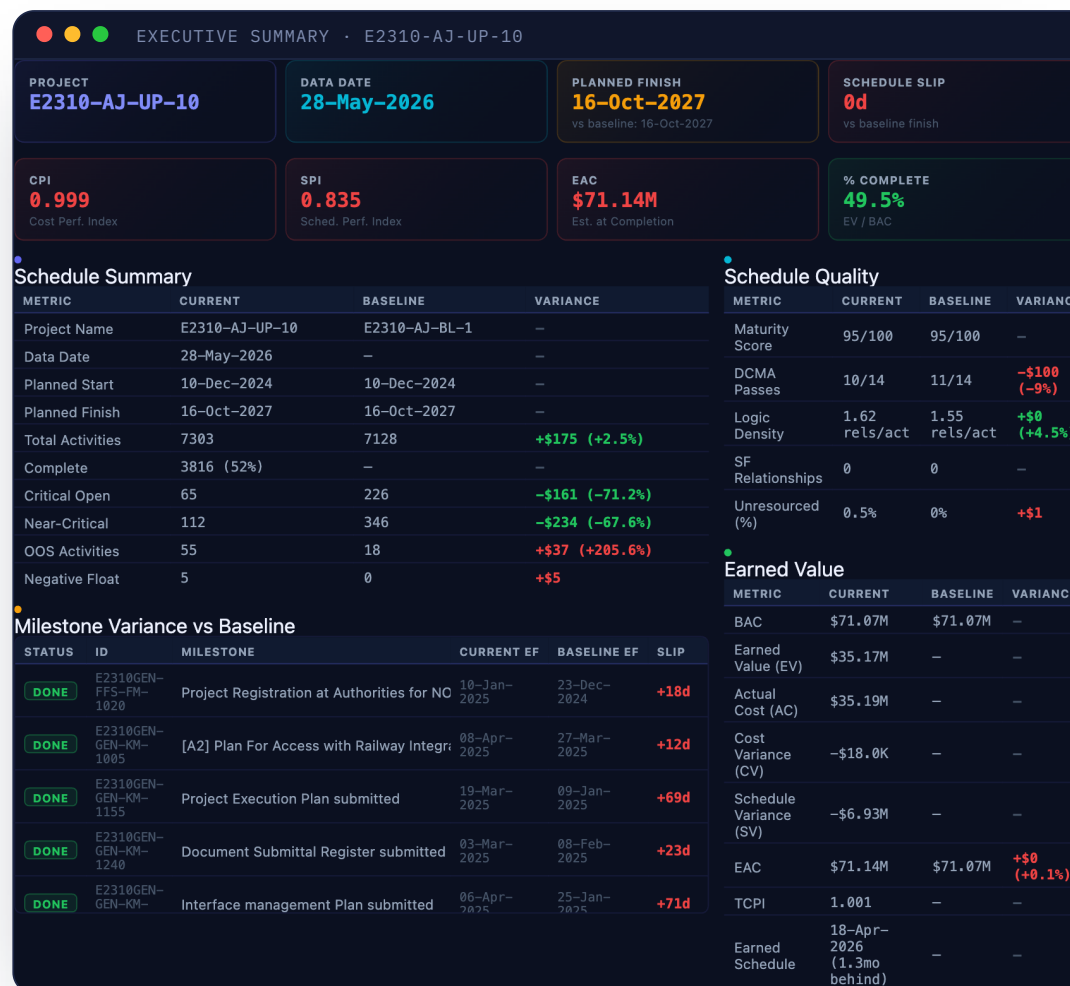
Variance versus baseline on every milestone and KPI, with completed dates honoured over the data date.

0.999 CPI

0.835 SPI

95/100 Maturity

49.5% Complete

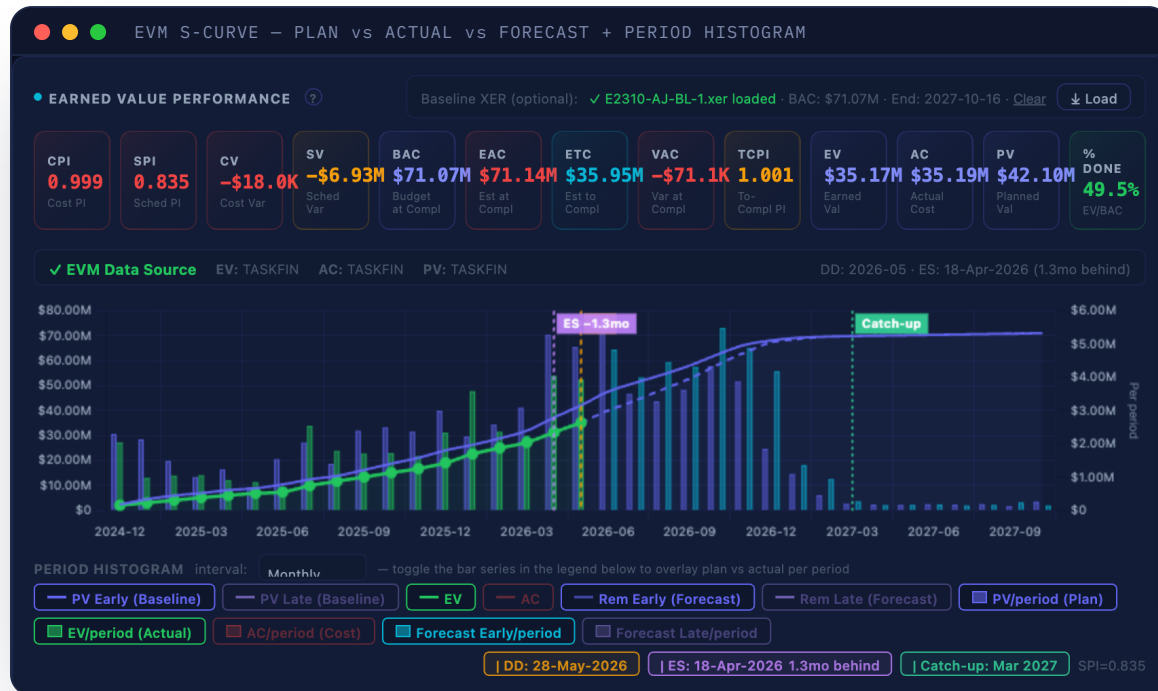


Cost and time performance, reconciled on one curve

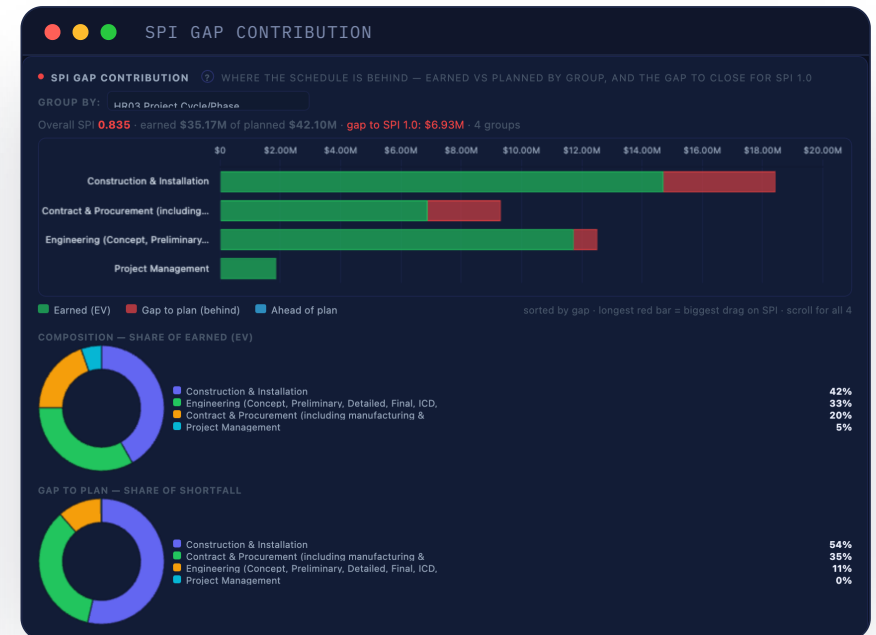
0.835 SPI

18-Apr-26 Earned Sched · -1.3mo

Mar-27 Catch-up



One reconciled curve. Planned value, earned value and actual cost as cumulative lines over a per-period histogram — the EV line ceases at the data date and hands off to the early / late forecast, with Earned-Schedule and catch-up markers.



Where the time is lost. The \$6.93M gap to SPI 1.0 split by activity group, with share-of-earned and share-of-shortfall donuts — drill by any activity code.



Labour, materials & equipment bundled by category, anchored at the data date.

DCMA 14-point, GAO & NASA — scored, not just listed

10/14 DCMA pass

Grade A Maturity

COMPLIANCE · DCMA 14-PT · GAO 9-PT · NASA									
DCMA 14-POINT SCHEDULE ASSESSMENT									
PASS	1. Logic: Missing Predecessors	0 (0%)	B:0 (0%)	PASS	=	Thr:0			
PASS	2. Logic: Missing Successors	0 (0%)	B:0 (0%)	PASS	=	Thr:0			
PASS	3. Relationship Leads (Negative Lags)	0 (0%)	B:0 (0%)	PASS	=	Thr:0			
PASS	4. SF Relationships	0 (0%)	B:0 (0%)	PASS	=	Thr:0			
PASS	5. Hard Constraints (>5% of schedule)	0 (0%)	B:0 (0%)	PASS	=	Thr:<5%			
PASS	6. High Duration (>44d)	114 (3.4%)	B:131 (1.9%)	PASS	=	Thr:<5%			
PASS	7. Invalid / Missing Dates	0 (0%)	B:0 (0%)	PASS	=	Thr:0			
PASS	8. Activities Missing Resources	15 (0.5%)	B:0 (0%)	PASS	=	Thr:<5%			
FAIL	9. Missed Activities (past due, not started)	524 (0%)	B:5407 (0%)	FAIL	=	Thr:0			
PASS	10. Critical Path Length Index (CPLI)	1.000	B:1.000	PASS	=	Thr:>=0.95			
FAIL	11. Baseline Execution Index (BEI)	0.789	B:0.000	FAIL	=	Thr:>=0.95			
FAIL	12. Negative Float Activities	5 (0.1%)	B:0 (0%)	PASS	↓	Worsened	Thr:0		
FAIL	13. Out-of-Sequence Activities (open)	55 (1.6%)	B:18 (0.3%)	FAIL	=	Thr:0			
PASS	14. Total Float: Critical Path Float	0d	B:0d	PASS	=	Thr:0d			
GAO SCHEDULE ASSESSMENT GUIDE (9-POINT)									
PASS	G1. All Activities Captured	7303 activities	B:7128 activities	PASS	=	Count credible for project scale			
PASS	G2. Activities Properly Sequenced	1.62 rels/act	B:1.55 rels/act	PASS	=	Target: >=1.5 rels/activity			
PASS	G3. Resources Assigned	15 unresourced	B:0 unresourced	PASS	=	100% resourced			
FAIL	G4. Durations Reasonable	114 >44d	B:131 >44d	FAIL	=	Threshold: 44 working days			
PASS	G5. Critical Path Validated	65 critical open	B:226 critical open	PASS	=	Should be 5-40% of open activities			
FAIL	G6. Reasonable Float Distribution	5 neg, 67 zero	B:0 neg, 42 zero	PASS	↓	Zero float: 2% of open			
FAIL	G7. Schedule Risk Analysis (Baseline)	No baseline data	B:No baseline data	FAIL	=	TASKPREV table			
PASS	G8. Schedule Regularly Updated	2026-05-28	B:2024-12-10	PASS	=	Manual verification required			
PASS	G9. WBS Traceability	1296 WBS nodes	B:1269 WBS nodes	PASS	=	Horizontal traceability via WBS			
NASA / BEST-PRACTICE CHECKS									
PASS	Schedule Density (rels/activity)	1.62	B:1.55	PASS	=	Target: 1.5-3.0			
WARN	FS Relationship Dominance	79%	B:86%	PASS	↓	Target: >85% FS			
PASS	Near-Critical Activities (TF<=5d)	112 (3%)	B:346 (5%)	PASS	=	Target: <15% of open			
PASS	Dangling Activities (fully isolated)	0	B:0	PASS	=	Activities with no pred and no succ			
FAIL	Long Lags (>5d)	40	B:40	FAIL	=	Replace lags with activities			
PASS	Retained Logic (Schedule Option)	Enabled	B:Enabled	PASS	=	Must be Retained Logic			
PASS	Overall Maturity Score	95/100	B:95/100	PASS	=	Credible			
CONSTRAINT BREAKDOWN									
CS_MSOA								1	
CS_MEOB								2	

CRITICAL PATH · DRIVING & NEAR-CRITICAL									
CRITICAL PATH REGISTER (65 OPEN ACTIVITIES)									
FILTER Activity ID: Search Name: Search Type: All Status: All X Clear									
65 rows									
#	ACTIVITY ID	NAME	TYPE	STATUS	ES	EF	REM(D)	TF(D)	
1	E2310GEN-FFS-PR-6120	Resubmission of MAR for Kerbs Materials - !	Task	NotStart	31-May-2026	11-Jun-2026	14d	0d	
2	E2310GEN-FFS-PR-6130	Approval of MAR for Kerbs Materials - Sohar	Task	Active	11-Jun-2026	18-Jun-2026	5d	0d	
3	E2310GEN-FFS-PR-6030	Manufacturing of Kerbs Materials - Sohar	Task	NotStart	18-Jun-2026	24-Sep-2026	294d	5d	
4	E2310GEN-FFS-PR-6040	Material Inspection of Kerbs Materials - Soh	Task	NotStart	26-Sep-2026	08-Oct-2026	15d	0d	
5	E2310GEN-FFS-PR-6170	Shipping of Kerbs Materials - Sohar	Task	NotStart	08-Oct-2026	08-Oct-2026	0d	0d	
6	E2310GEN-FFS-YN-1625	Kerbs for Road in Facility from 0 to 200m - \$	Task	NotStart	11-Oct-2026	20-Oct-2026	10d	0d	
7	E2310GEN-FFS-PR-6050	Supply of Kerbs Materials- Sohar	Task	NotStart	11-Oct-2026	01-Nov-2026	23d	0d	
8	E2310GEN-FFS-PR-6180	Clearance of Kerbs Materials - Sohar	Task	NotStart	11-Oct-2026	11-Oct-2026	0d	0d	
9	E2310GEN-FFS-YN-1630	Kerbs for Road in Facility from 200 to 400m	Task	NotStart	20-Oct-2026	29-Oct-2026	10d	0d	
10	E2310GEN-FFS-YN-1680	Asphalt Wearing course for Road in Facility 1	Task	NotStart	29-Oct-2026	02-Nov-2026	4d	0d	
NEAR-CRITICAL REGISTER (112 ACTIVITIES)									
FILTER Activity ID: Search Name: Search X Clear									
112 rows									



Critical path, even without a longest-path flag

Falls back to a total-float-derived path so the driving sequence is always visible — plus the near-critical band.



Logic & constraint hygiene

Open ends, leads / negative lags, redundant links, hard constraints and out-of-sequence work, flagged against thresholds.



Every check explained

Each rule shows the count, the threshold and the pass / warn / fail call — ready to drop straight into a report.

Two updates in. Every change out.

Load any two XERs and Compare / Forensic mode reconciles them activity-by-activity — the evidence base for a delay narrative or an EOT submission.



Added, removed & changed activities

Matched by ID, with progress and date deltas across the two schedules.



Relationship & logic changes

Links added, dropped or re-typed — and lag changes — surfaced between updates.



Critical-path & milestone slip

New vs cleared critical activities and milestone movement, side by side.

[Excel](#)[Word](#)[Branded PDF](#)[XER never leaves the browser](#)

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START NOW

Open a XER. Read the verdict.

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