

PROLOG Manager

Savings Analysis



Prolog is comprised of several application modules which deliver definite improvements in time, cost and risk. This example will focus on two of Prolog's business applications: Document Management and Field Administration, as well as show significant savings in claims reductions. You will see that by implementing Prolog, a construction organization like yours can realize more than \$40,000 in savings on a \$3,000,000 construction project.

For the purposes of this analysis, the example is based on a single project, assuming a twelve-month project timeline. Time results based on in-house estimates.

	Number of transactions	Excel (in minutes)		Prolog (in minutes)		
		Time per transaction	Total time	Time per transaction	Total time	
Document Management Module						
Closeout Log - warranties, guarantees, as-builts, equipment manuals	20	20	400	14	280	
Conversation Log - 10 conversations/month that should be recorded	120	15	1,800	11	1,260	
Drawing Packages - drawing packages, permit sets, bid sets, etc.	10	60	600	42	420	
Drawings & Specs - 200 drawing sheets to manage	200	30	6,000	21	4,200	
HotLists - 10 critical "to do" items every month	120	10	1,200	7	840	
Issues - major issues on a project impacting profitability	12	60	720	42	504	
Meeting Minutes - 1 meeting per week (48 weeks on the project)	48	60	2,880	42	2,016	
Requests for Information	100	20	2,000	14	1,400	
Submittal Packages - on average, 20 major submittal packages	20	45	900	32	630	
Submittal Register - items in the spec book that require a submittal	250	20	5,000	14	3,500	
Submittal Transmittal - transmittals for submittals	20	20	400	14	280	
Transmittal & Correspondence Log - on average, 5 transmittal record/week	240	20	4,800	14	3,360	
Total Time	Excel:	Prolog:	Total savings:	Average hourly cost per PM/Superintendent:		Total savings:
	26,700	- 18,690	= 8,010 minutes (133.5 hours)	x \$76.00	=	\$10,146.00

	Number of transactions	Excel (in minutes)		Prolog (in minutes)	
		Time per transaction	Total time	Time per transaction	Total time
Field Administration Module					
Daily Details - recording each day's temperature and weather conditions	240	15	3,600	11	2,520
Daily Work Journal - recording the Daily Report	240	30	7,200	21	5,040
Events - recording concrete pours, major events, etc.	10	15	150	11	105
Field Work Directives - 5 new field orders/month	60	30	1,800	21	1,260
Inspections & Tests - on average, 5 inspections or tests/month	60	30	1,800	21	1,260
Material Inventory - on average, 8 major material deliveries/month	96	30	2,880	21	2,016
Notices to Comply - issuing correction notices to fix incorrect or poor quality work	25	30	750	21	525
Punch Lists - managing items to be completed	100	20	2,000	14	1,400
Safety Notices - issuing safety standards to maintain a safe project	25	30	750	21	525
Total Time	Excel: 20,930	Prolog: 14,651	Total savings: 6,279 minutes (104.7 hours)	Average hourly cost per PM/Superintendent: \$76.00	Total savings: \$7,953.00

Claims Reductions		
Typical Claims without a Project Management Solution:	3%	\$ 90,000.00
Typical Claims with Prolog Manager:	2%	\$ 60,000.00
Total savings:		\$ 30,000.00

Document Management	\$10,146.00
Field Administration	\$7,953.00
Claims Reduction	\$30,000.00
Total savings:	\$48,099.00

Keep in mind that these cost savings examples only focus on one project, using only two (Document Management and Field Administration) of the many application modules that Prolog has to offer. Prolog can provide additional cost savings and productivity gains in the areas of Contract Management, Procurement, Reporting and Executive Dashboards.

Additional Cost-Saving Benefits

- Increase efficiency by automating repetitive and time-consuming tasks
- Standardize your company's business processes across all projects
- Reduce risk by tracking projects effectively and consistently
- Manage multiple projects in one database, allowing summary reporting and querying across projects
- Track Key Performance Indicators (KPIs) to monitor all levels of company profitability, efficiency and performance
- Save time by integrating with applications such as Microsoft® Word, Microsoft® Project, SureTrak Project Manager®, Primavera Project Planner® (P6®) and other industry applications

These tables are a simple illustration of the cost savings realized using Prolog Manager, however we know that all organizations use their own unique benchmarks. To determine the exact savings impact Prolog can have on your organization, contact a Meridian representative at (800) 850 2660 for a complete detailed ROI analysis.



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