



Introduction to ProjectWise Construction Management

Denmark User Group Meeting, November 2017

Dan Cutler – Application Engineer
Bentley Systems

Record

DRC_iPad

iPad

11:05

40%



demo-uk.eadocsoftware.com



001 - New Station [switch_project](#)

Rail Program
VTA Portfolio

Bentley

Project/Construction Manager

Mr Cutler [logout](#)

01/11/2017, 11:05:47 UTC

Start

Memo

Dailylog

Meeting

Calendar

To Do

Webcam

Start

Work

Documents

Report

Finance

Profile

Admin

Help

[scheduler](#)

View:

Level: project

Common Tasks

Create RFI
Create Submittal
Create Memo
Create Meeting Invitation
Create Risk

Inbox

1 CO Response
2 Contract Change Proposals (new)
8 Dailylogs
5 Inspection Requests
3 Meeting Minutes
1 Memo
4 Pay Estimates
26 RFI Responses (new)
5 RFIs (new)
18 Submittal Responses (new)
7 Submittals

Reports

All Pending on Org
RFI & Submittals-All
RFIs+Submittal Overdue

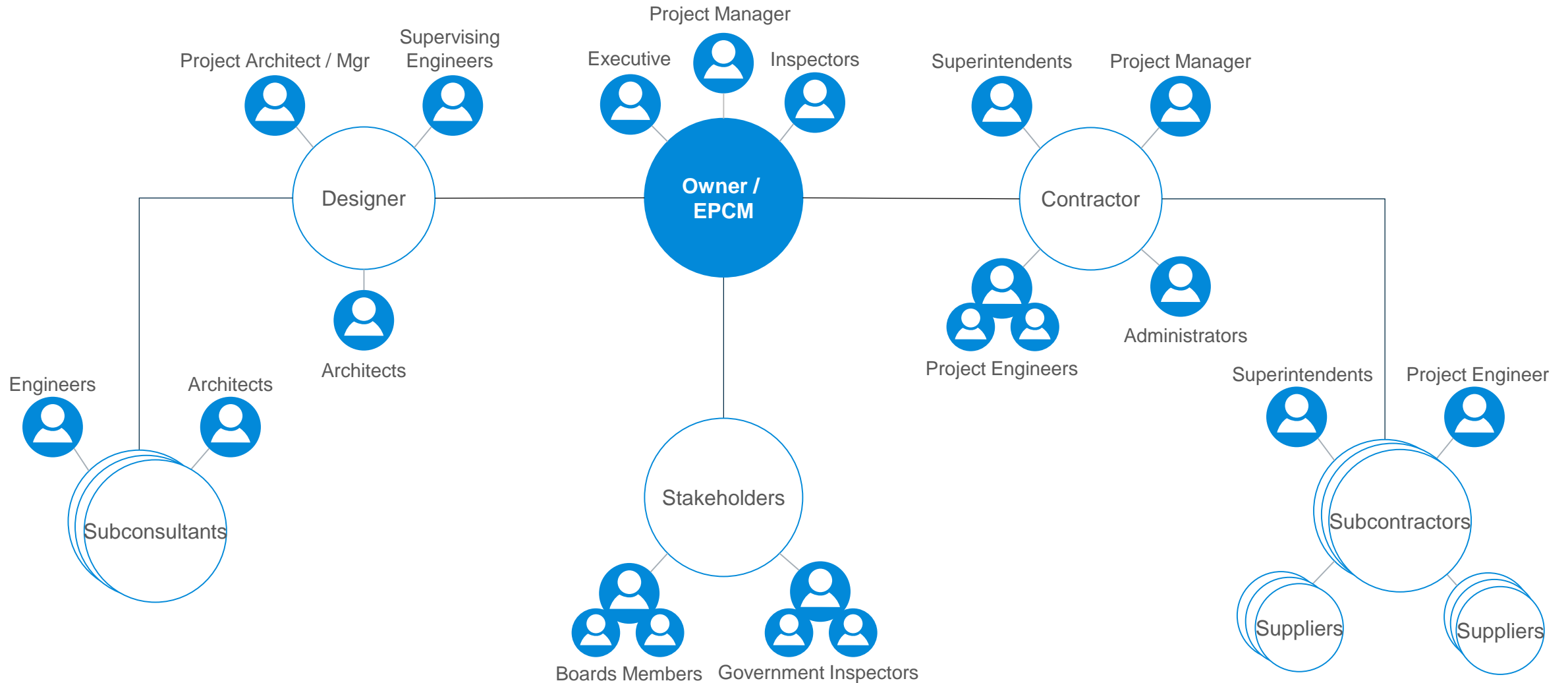
Recent Documents

RFI # 40
Change Order
Memo # 5
Submittal # 08 06 71-1
RFI
Memo
RFI # 38

AAA



This is construction



ProjectWise Construction Management

Cloud-based
Construction Project
Management
System



Built for the construction phase of capital projects



Document management



Contract and Finance management



Risk management



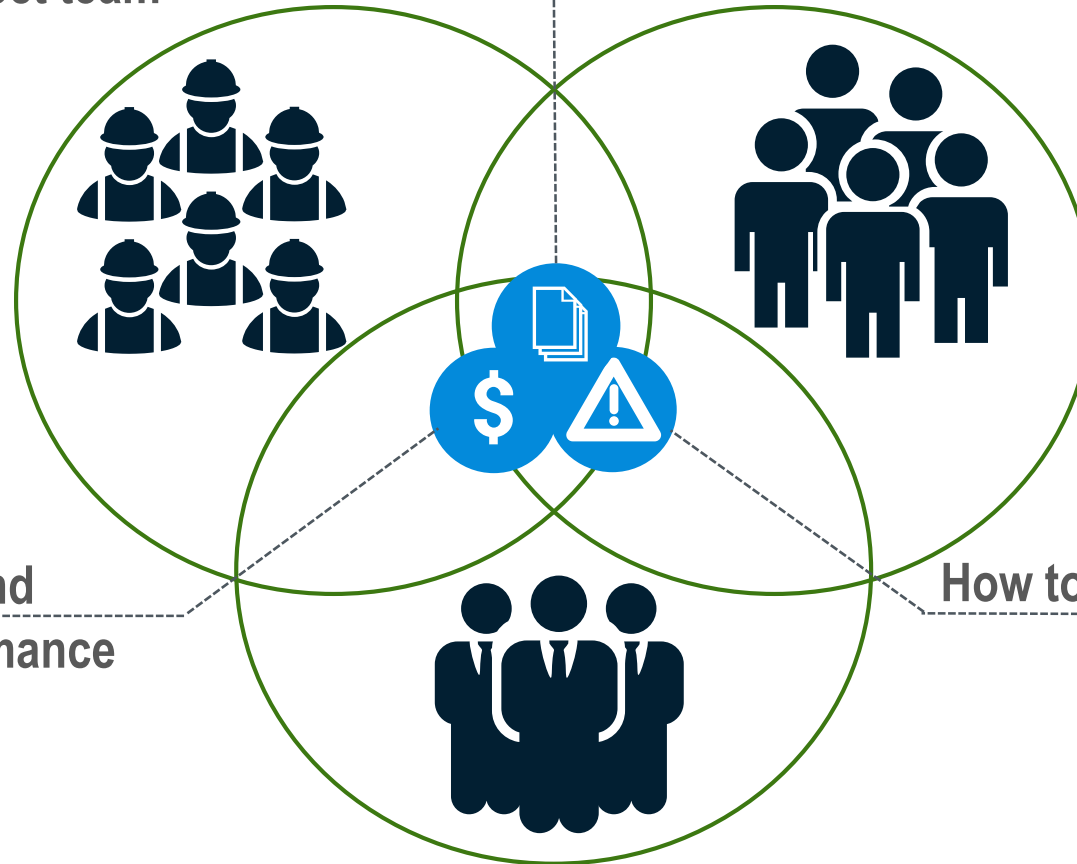
Schedule integration



Collaborative workflow

Construction Project Management Business Challenges

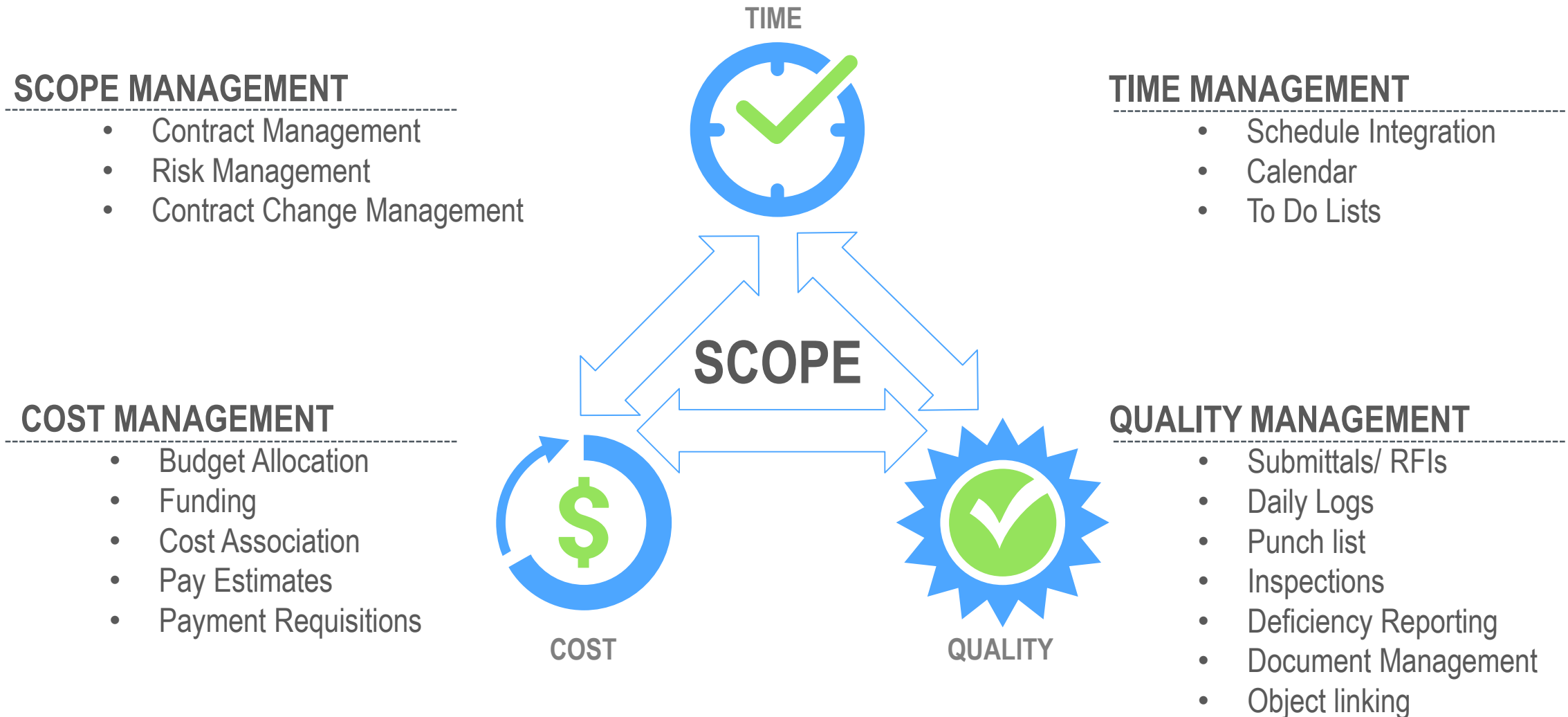
How to create a complete record of the actions of the entire project team



How to gain intelligence and insight into project performance and quality

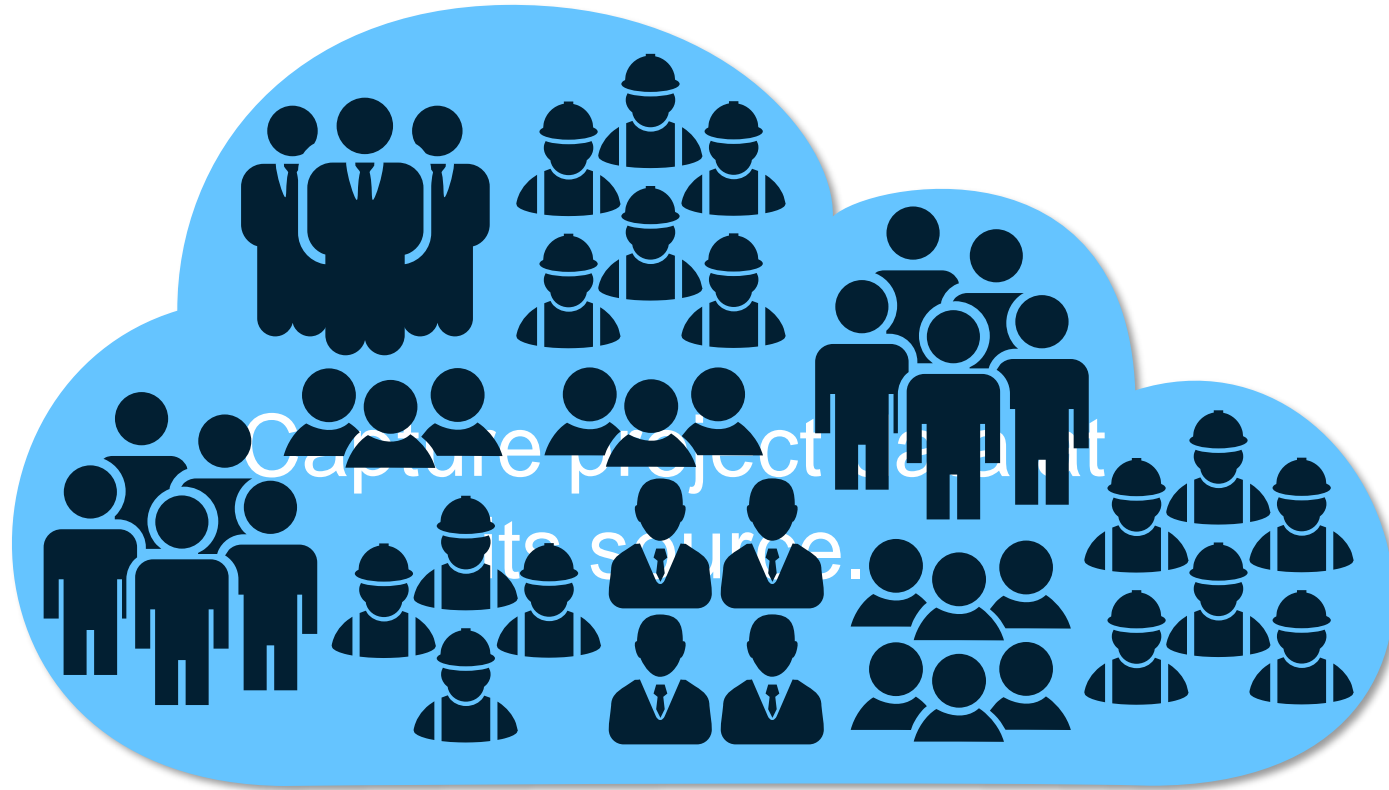
How to track and mitigate risk items

Capabilities Mapped to Project Management Functions



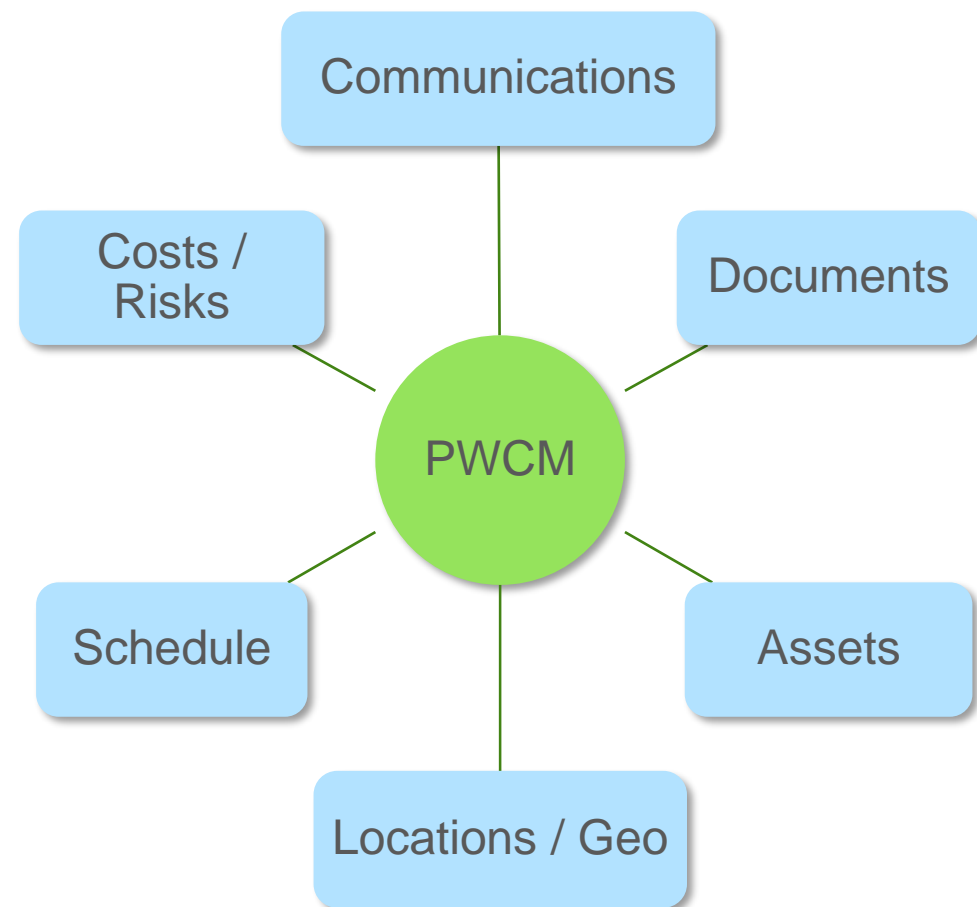


Makes information easy to find

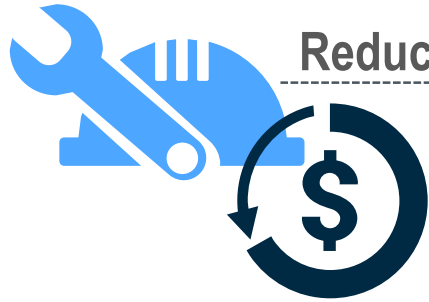


Build a complete electronic
project record

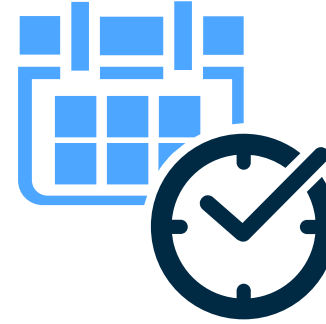
Rich Data Relationships



Expected Outcomes



Reduced Construction Costs



Reduced Construction Delays

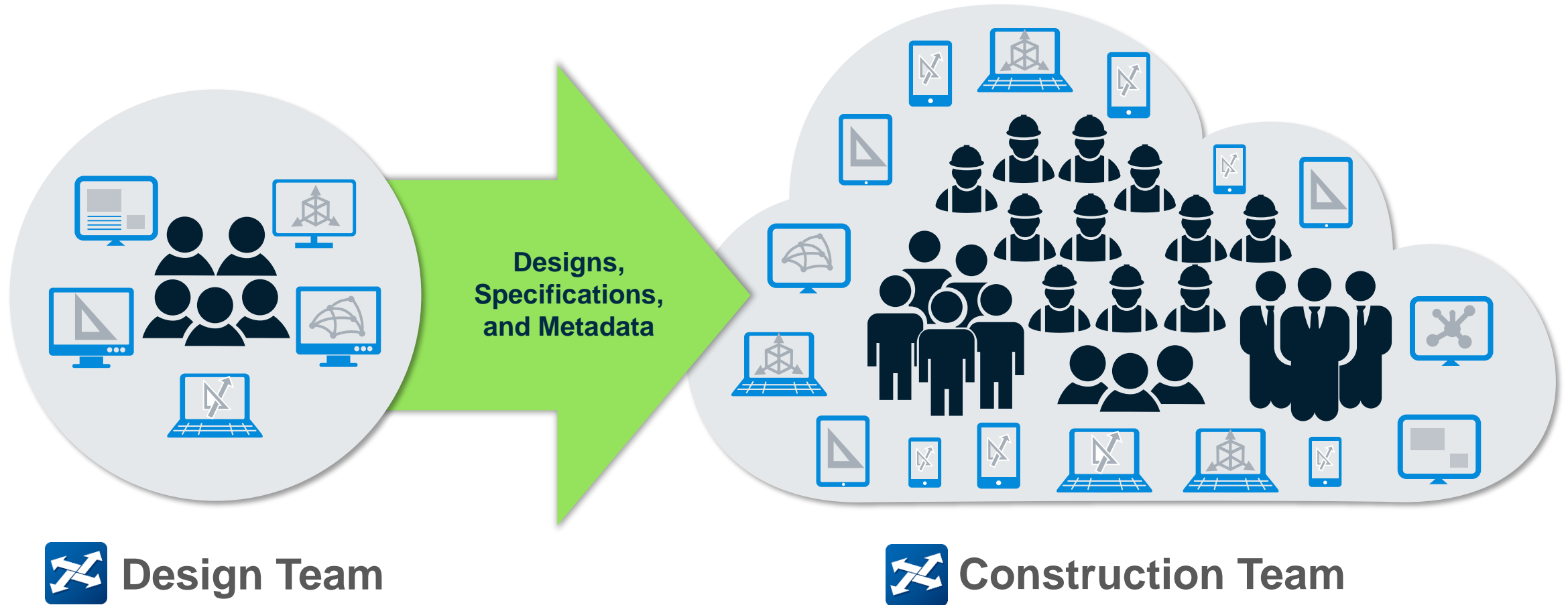


Reduced Risks



Reduced Operations Costs

ProjectWise Design Integration + Construction Management





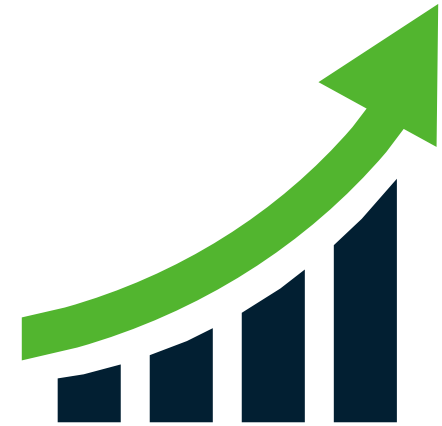
Design Integration + Construction Management Benefits



- Save time



- Reduce risk



- Increase quality

Construction Owners Benefits

- Financial performance monitoring and risk management
- Efficient contract change management
- Complete, electronic project record for better accountability and reduced claims
- Faster team collaboration



West Valley - Mission
Community College District



EPCM Benefits

- Lower project management costs
 - Better risk management
 - Increased accountability
 - Reduction in claims
- Increase profit margin
 - Lower overhead





ProjectWise Construction Management Case Studies



“ProjectWise Construction Management’s history tracking has really helped. We have had ongoing projects where the contractor has been unresponsive. I can just do a printout to show a history of who did what when, and see where along the way did we get off track.”

– Paul Baron, P.E., Principal,
GHD



CHALLENGE

Required a True Construction Management System to Reduce Risks on Complex Project:

- ✓ Capturing all project management data and communications at the source to create a detailed project record
- ✓ Connecting document and communications with contract change management to provide a deeply integrated construction process with high visibility for stakeholders



SOLUTION

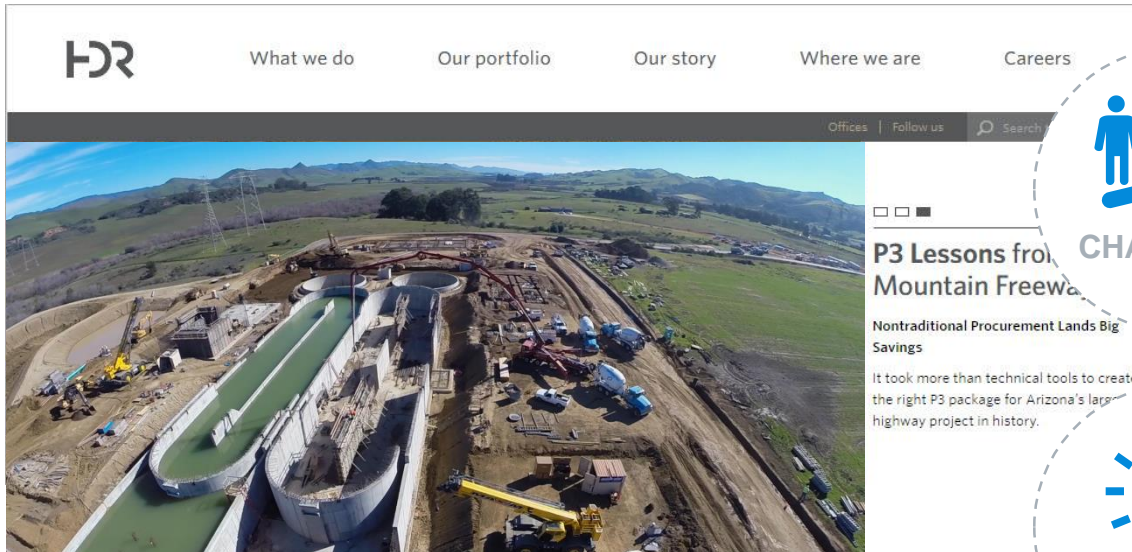
ProjectWise Construction Management solution:

- ✓ RFI and Submittal Management
- ✓ Contract Change Management
- ✓ Daily Contractor Reports and Quality Reports
- ✓ Automated History Tracking and Audit Trail



BENEFITS

- ✓ Reduce Risk
- ✓ Reduce Claims
- ✓ Improve Customer Satisfaction



“It saves time on our end, because when the contractor is submitting an RFI or submittal, they’re generating it themselves and putting all the information in, and submitting it. We don’t have to redo it every time in the system. It’s a matter of reviewing it and then sending it where it needs to go.”

– Ron Perkins, P.E., Vice President
HDR



CHALLENGE

Required Integrated Construction Management Workflow:

- ✓ Bringing together a multi-organizational project team to capture data at the source and reducing manual processes
- ✓ Connecting document and communications with finance and risk management to provide a deeply integrated construction management process



SOLUTION

ProjectWise Construction Management solution:

- ✓ RFI and Submittal Management
- ✓ Contract Change Management
- ✓ Approved Design Document Management
- ✓ A searchable project archive after completion

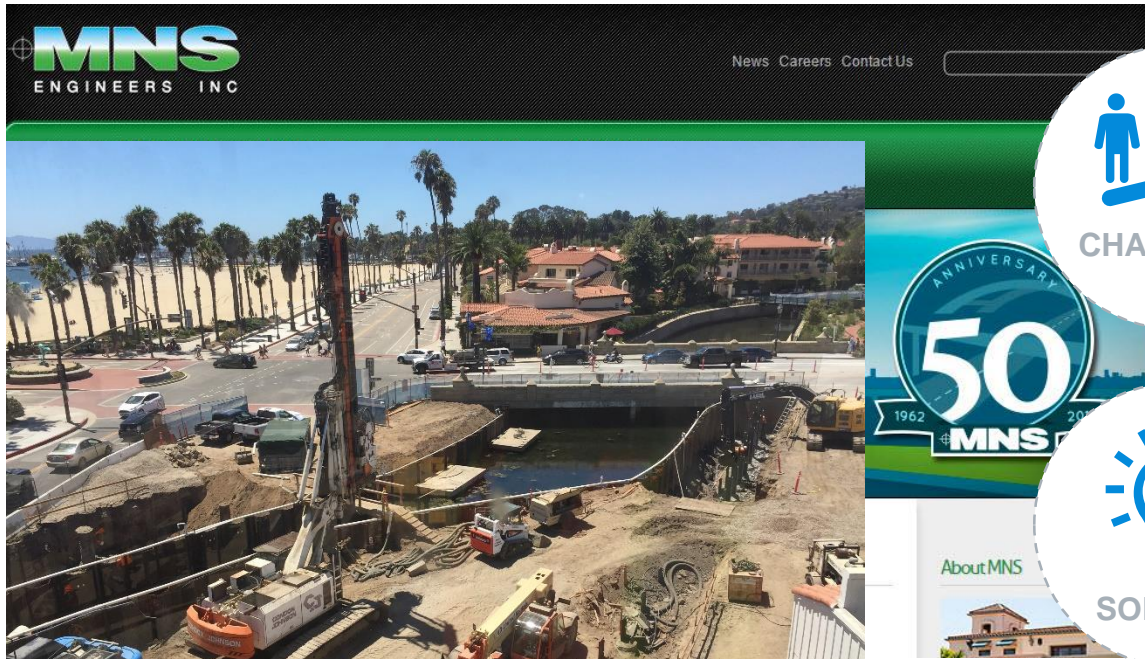


BENEFITS

- ✓ Saving Time
- ✓ Reducing Administrative Costs
- ✓ Improve Customer Satisfaction

MNS Engineers

Improving Quality: Cabrillo Bridge Replacement



CHALLENGE

Centralizing the Project's Data and Communications to Improve Quality:

- ✓ Increased collaboration and accountability
- ✓ Reduced the review time for RFIs and submittals
- ✓ Allowed the project team to minimize the time and expense of manually tracking physical documents



SOLUTION

ProjectWise Construction Management solution:

- ✓ RFI and Submittal Management
- ✓ Daily Reports
- ✓ Memos
- ✓ Automated History Tracking and Audit Trail

"It is very helpful in solving day-to-day operations and problems like tracking submittals. It assists with daily logs for our inspectors, and it's actually a quite useful tool in just managing the overall project."

– Bill Callaghan, Construction Manager,
MNS Engineers



BENEFITS

- ✓ Improved Quality
- ✓ Faster Decision Making
- ✓ Improve Customer Satisfaction



Q&A



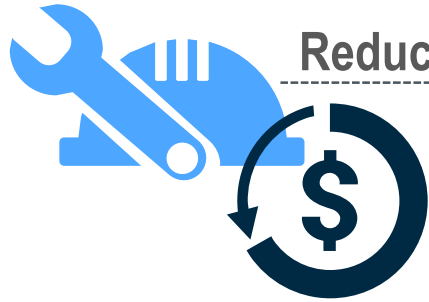
Conclusion

ProjectWise Construction Management

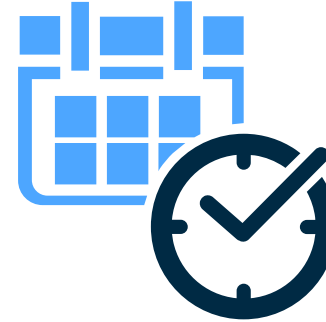


Documents
Communications
Contracts
Finances
Risk

Expected Outcomes



Reduced Construction Costs



Reduced Construction Delays



Reduced Risks



Reduced Operations Costs