



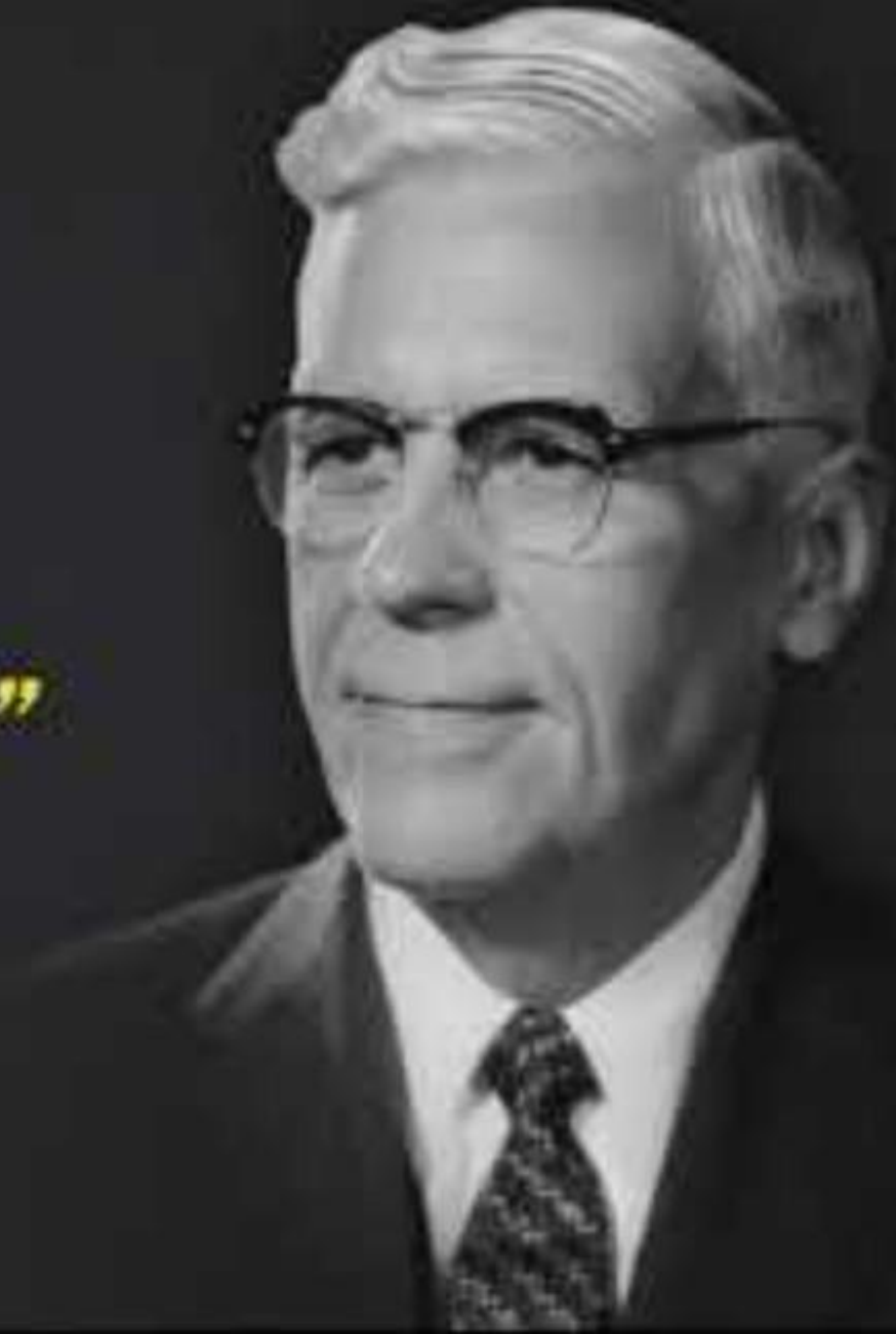
EFCOG

KIEWIT'S DIGITAL TRANSFORMATION



*“The best contracting
organization on Earth”*

-Peter Kiewit





KIEWIT

A LEGACY OF BUILDING EXCELLENCE

SUBSTANTIAL FINANCIAL & TECHNICAL RESOURCES

140

YEARS IN
BUSINESS

67M+

DIRECT-HIRE
MANHOURS

80%

Self-Perform

\$4.5B

KIEWIT-OWNED
EQUIPMENT

> 31,100 EMPLOYEES

mobile workforce

16,200+ craft 14,900+ staff



● Operations Offices
● Nuclear HQ

A CULTURE LIKE NO OTHER

A workplace where people want to stay, grow and thrive.

FOUNDED IN 1884

From roots as a local masonry contractor to consistently ranked Top 5 ENR contractor

CONSISTENT LEADERSHIP

Six CEOs in 90+ years, average tenure of 34 years

RESULTS-ORIENTED

Benchmark-based estimating designed to provide cost and schedule certainty

ONE OF THE LARGEST PRIVATELY OWNED FIRMS IN NORTH AMERICA

Employees are encouraged to think like owners – make decisions for long-term sustainability vs. short-term growth



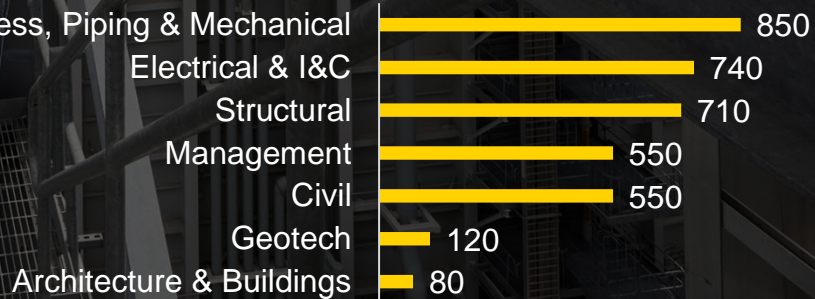
ROOTED LOCALLY, DELIVERING NATIONALLY

3,600+ ENGINEERS & DESIGNERS ACROSS NORTH AMERICA

ENGINEERS BY MARKET



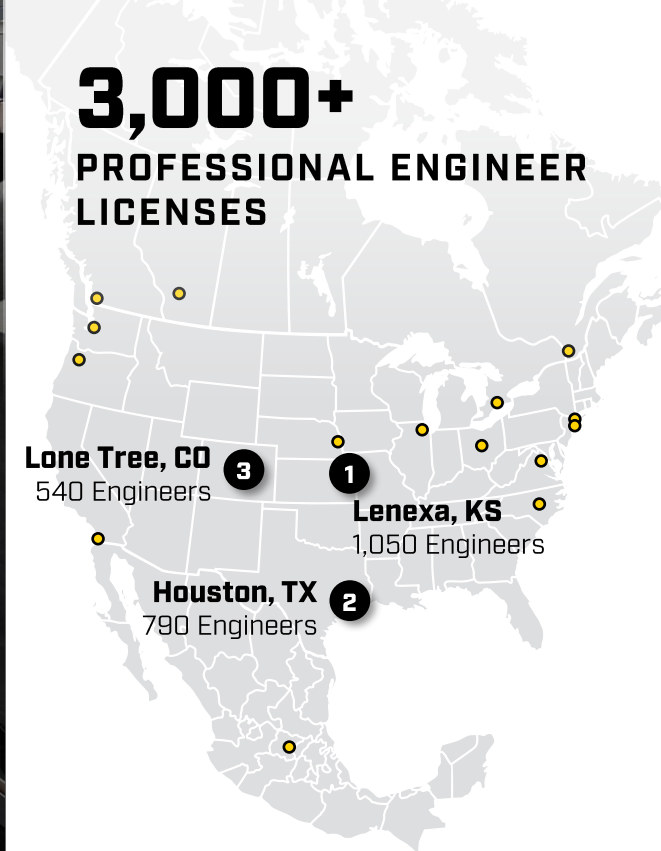
ENGINEERS BY DISCIPLINE



LICENSED ENGINEERS

IN ALL 50 U.S. STATES & 8 CANADIAN PROVINCES

3,000+ PROFESSIONAL ENGINEER LICENSES



Lone Tree, CO
540 Engineers

3

1

Lenexa, KS
1,050 Engineers

2

Houston, TX
790 Engineers

- # Engineering Headquarters
- Primary Engineering Support Offices



SOURCING FOR PROJECT SUCCESS

UNMATCHED PURCHASING POWER

430

PROCUREMENT STAFF
across U.S., Canada & Mexico

\$8B

ANNUAL GLOBAL
procurement spend

190

ACTIVE PROJECTS
supported by in-house experts



ENGINEERING NEWS RECORD

2024 NATIONAL CONTRACTOR RANKINGS

These rankings serve as indicators of Kiewit's size, experience and market presence.

#2 OVERALL

#3 NUCLEAR PLANTS

#2 POWER

#3 DESIGN-BUILD FIRM

#1 FOSSIL FUEL CONTRACTOR

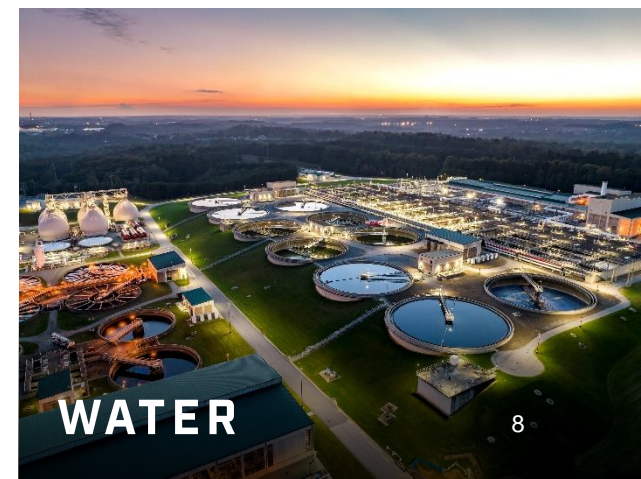
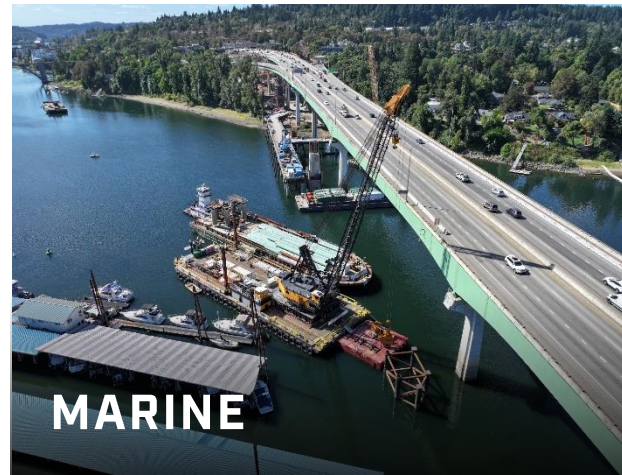
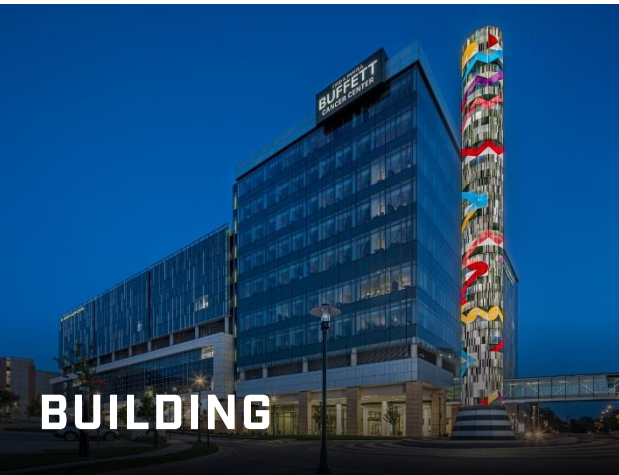
#1 DOMESTIC HEAVY

#5 TRANSMISSION & DISTRIBUTION

MARKET DIVERSITY

OUR SERVICES

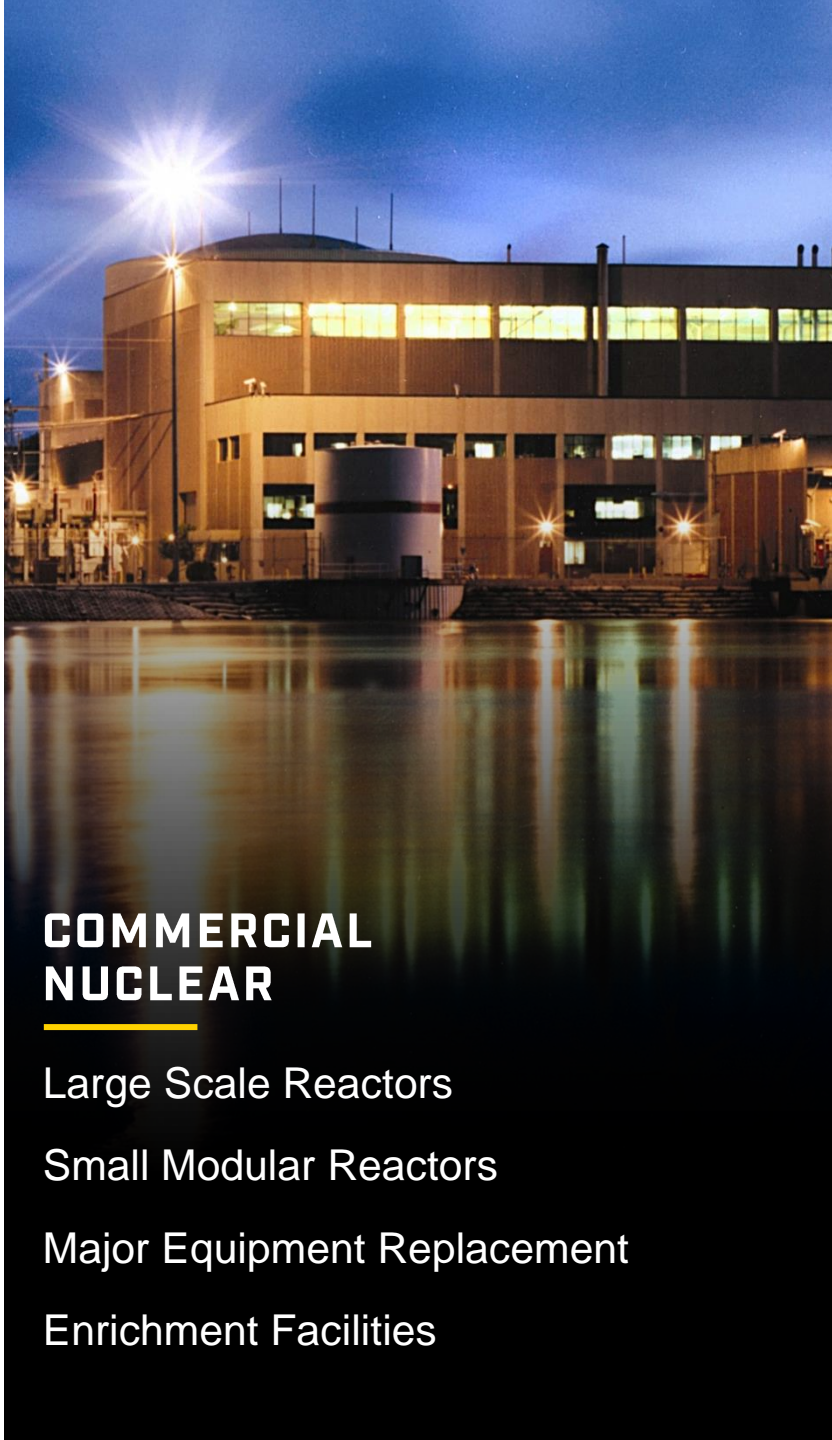
Engineering and construction under one roof for streamlined execution.





DEPARTMENT OF ENERGY (NNSA, OS, EM)

- Infrastructure Modernization
- Production Facilities
- Capital Projects
- General Plant Projects



COMMERCIAL NUCLEAR

- Large Scale Reactors
- Small Modular Reactors
- Major Equipment Replacement
- Enrichment Facilities



NUCLEAR ENGINEERING

HISTORICAL

NUCLEAR EXPERIENCE

NEW REACTOR BUILDS

First billion-dollar job in 1952

1950-80s

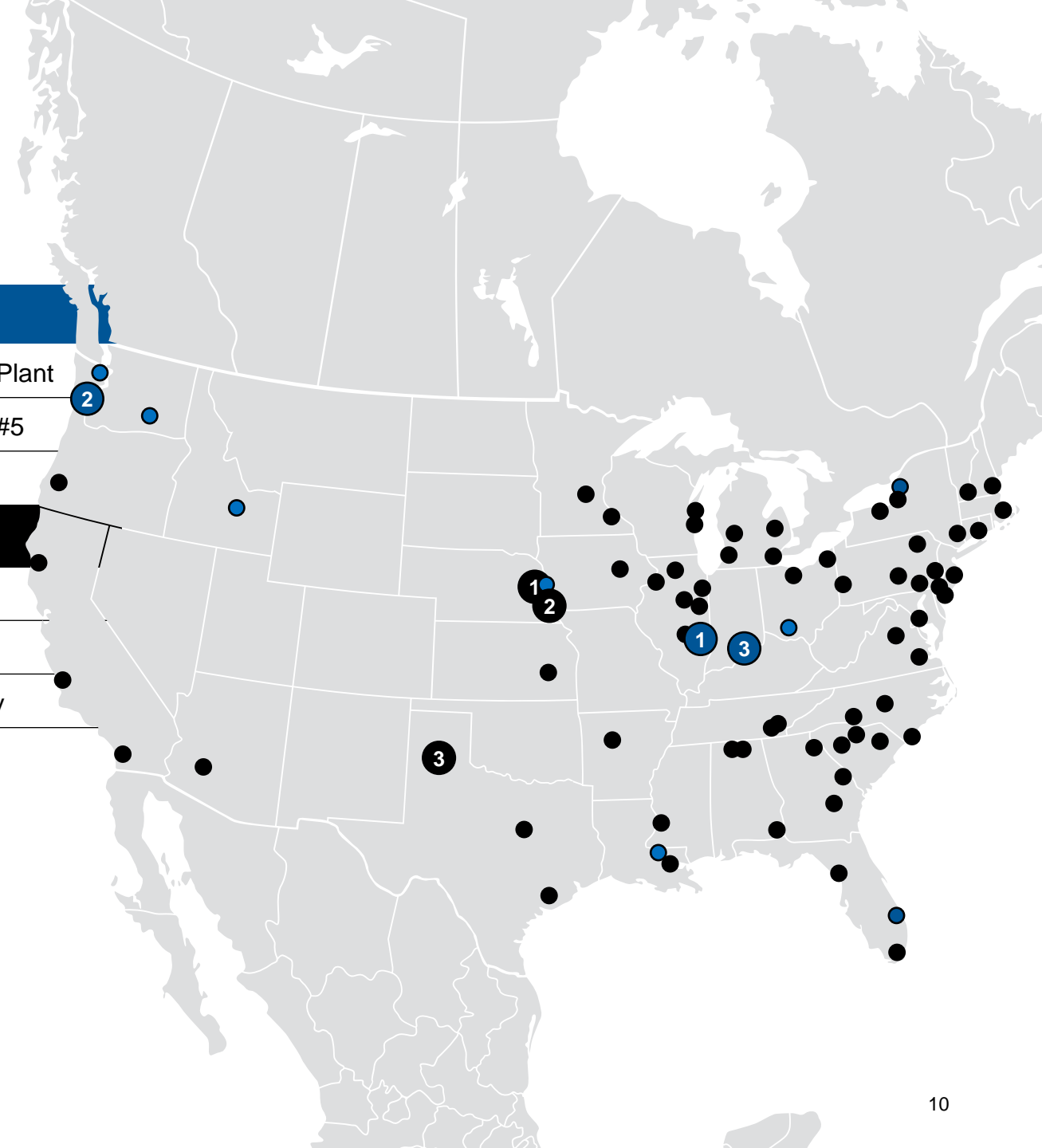
1. Portsmouth Gaseous Diffusion Plant
2. Satsop Nuclear Station #3 and #5
3. Marble Hill Units 1&2

MAINTENANCE/MODIFICATIONS AND CAPITAL PROJECTS

1980s-2014

1. Fort Calhoun Nuclear Station
2. Cooper Nuclear Station
3. High Explosive Pressing Facility

● Completed work ● Prior to 2010



ACTIVE & RECENTLY COMPLETED

NUCLEAR EXPERIENCE

TERRAPOWER MCRE MOCK-UP
Everett, WA

3 CONFIDENTIAL PROJECTS
Canada

**KIEWIT IS INVOLVED
IN NEW NUCLEAR
20+ COMMERCIAL
NUCLEAR PROSPECTS**

INL SPENT FUEL HANDLING PROJECT
[SFHP] CS-107 STRUCTURAL STEEL
INL CS-108 NQA-1 STEEL BRIDGING
INL SFHP CS-113 QL-1 SIDING
INL MFC HFEF CRANE SYSTEM MOD PHS 2
Idaho Falls, ID

NNSA/DOE -CONSTRUCTION
SERVICES-LARGE GC
Kansas City, MO

ES - NEXTERA DUANE
ARNOLD RESTART STUDY
Cedar Rapids, IA

WIPP SAFETY SIGNIFICANT
CONFINEMENT VENTILATION SYSTEM
Loving, NM

SRNS CONCRETE IDIQ
SRNS 808 SITE PREP IDIQ
SRNS 808 SITE PREP T01
Aiken, SC

UCOR OUTFALL 200 TECHNICAL SERVICES
Y-12 LITHIUM PROCESSING FACILITY CMAR
Y-12 CNS ELECTRICAL SERVICES BOA
Y-12 CNS GENERAL CONSTRUCTION BOA
ORANO HALEU - PHASE 1 PRECON
ORANO LEU ENRICHMENT PROJECT IKE
GOOGIN TECHNOLOGY DESIGN FACILITY
Oak Ridge, TN



SEP 18 2003



DATA & DIGITAL INTEGRATION

WHY WE ARE HERE TODAY

THEN AND NOW

KIEWIT'S DIGITAL TRANSFORMATION

**> COLLECTIVE SYSTEM IMPLEMENTATION
INCREASED STAFF EFFICIENCY BY 40%**

1980-2010

Kiewit spreadsheets and home built systems

- No shared services, shared data or common project management solutions
- Only one consolidation of project/company performance at the end of each month

2015

Kiewit creates the subsidiary, InEight, and begins to sell our solutions commercially

- Data in a "Cloud" platform & fully integrated
- Fully deployed to all 35 +/- business units



2011

Kiewit sets out on journey to become a "Premier Data Driven Construction & Engineering Firm"

2024

InEight has more than 750 Customers Worldwide utilizing our project management solutions across owners, engineering & construction firms





Dartmouth College



Kiewit Computation Center



WHY PROJECTS FAIL

- #1** Poor Front-End Planning & Scope Definition
- #2** Unrealistic Cost & Schedule Estimates
- #3** Contracting & Risk Allocation Failures
- #4** Supply Chain & Workforce Challenges
- #5** Ineffective Project Execution & Governance

BROKEN DATA

LACK OF CONTROL

KEY CHALLENGES FOR OWNERS & CONTRACTORS

Inefficient methods of sharing information – across internal roles and external stakeholders – due to disconnected systems and unenforced workflows.



what are the some of the largest industries that are the least data driven?

Some of the largest industries that are **least data-driven** tend to have legacy operations, regulatory complexity, or a reliance on human expertise over digital tools. While these industries may be adopting data analytics, they still lag behind in leveraging data for decision-making at scale. Here are some notable ones:

1. Construction

- **Why?** Traditionally relies on experience, intuition, and relationships rather than data analytics.
- **Challenges:** Fragmented supply chains, lack of standardized data, resistance to tech adoption, and project-based structures that limit long-term data accumulation.
- **Opportunities:** AI for predictive maintenance, better project tracking, and digital twins.

2. Legal Services

- **Why?** Heavy reliance on precedent, legal expertise, and subjective interpretation over quantitative analysis.
- **Challenges:** Data privacy concerns, lack of structured data, and limited automation in complex case analysis.



*“There are no **new lessons learned,**
just **new people learning old lessons.**”*



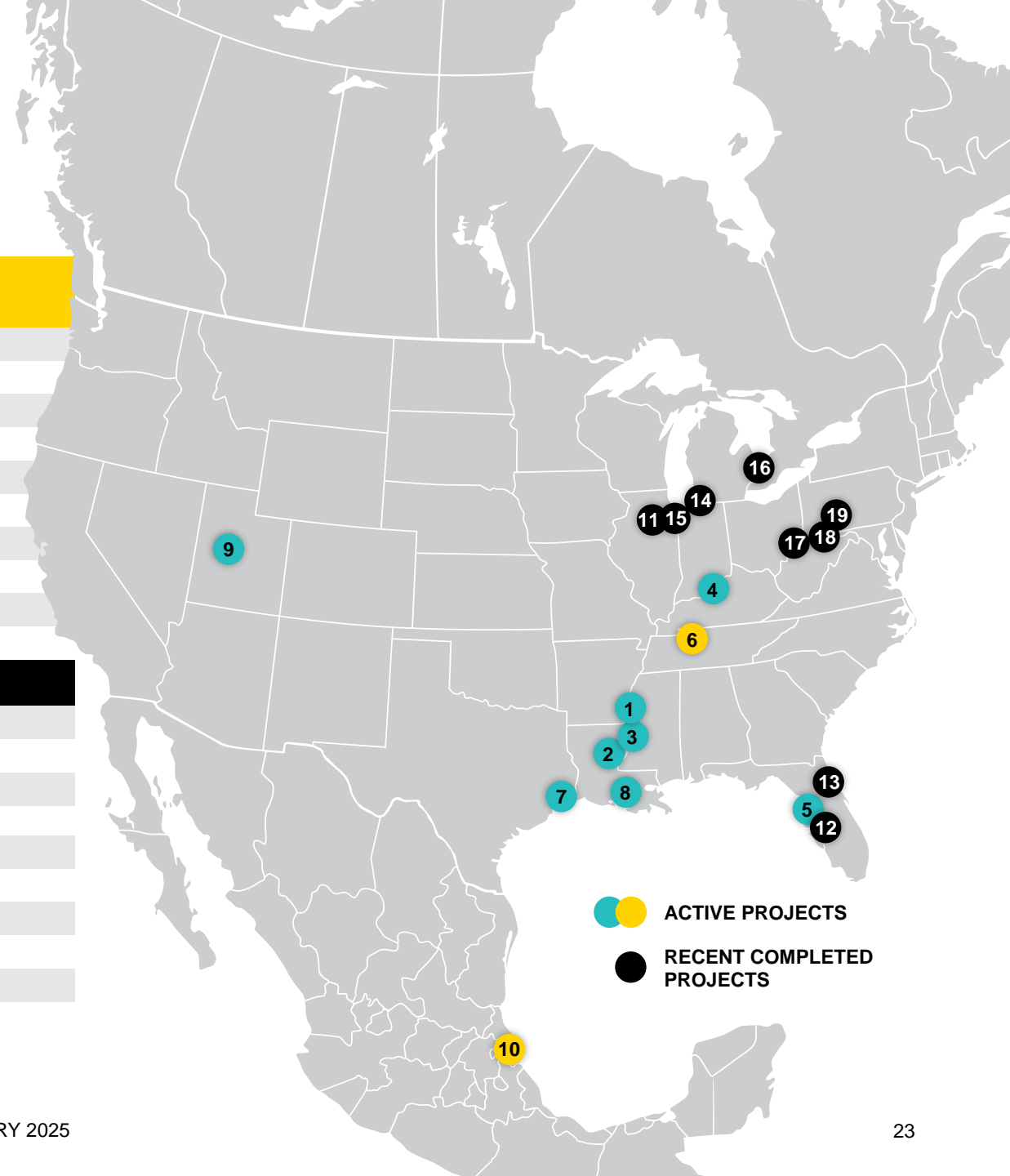
Kiewit

COMBINED CYCLE STORY

SELECT PROJECTS

COMBINED-CYCLE

PROJECTS	TECHNOLOGY/ CONFIGURATION	SIZE
1 Delta Blues Advanced Power Station (2028)	1x1 MPWA 501JAC	754 MW
2 Franklin Farms Power Station (2028)	2-1x1 MPWA 501JAC	1,508 MW
3 Vicksburg Advanced Power Station (2028)	1x1 MPWA 501JAC	754 MW
4 Mill Creek 5 Generating Station (2027)	1x1 GE 7HA.03 SS	645 MW
5 Shady Hills Energy Center (2027)	1x1 GE 7HA.02 SS	550 MW
6 Cumberland Power Plant (2026)	2-1x1 GE 7HA.03	1,450 MW
7 Orange County Power Station (2026)	2x1 MPWA 501JAC	1,215 MW
8 Magnolia Power Generating Station (2025)	1x1 GE 7HA.03 SS ACC	705 MW
9 Intermountain Power Plant Renewal (2025)	2-1x1 MPWA 501JAC SS	840 MW
10 Tuxpan Phase 1 (2025)	2x1 Siemens 9000 HL	1,057 MW
RECENT COMPLETED PROJECTS		
11 Three Rivers Energy Center	2-1x1 GE 7HA.02 SS ACC	1,250 MW
12 Big Bend Unit 1 Modernization	2x1 GE 7HA.02	1,090 MW
13 Seminole Combined-Cycle Facility	2x1 GE 7HA.02	1,050 MW
14 Niles Energy Center	2x1 GE 7HA.02 ACC	1,000 MW
15 Jackson Energy Center	2-1x1 MPWA JAC SS ACC	1,200 MW
16 Blue Water Energy Center	2x1 GE 7HA.02	1,150 MW
17 Long Ridge Energy Center	1x1 GE 7HA.02 SS	485 MW
18 Hill Top Energy Center	1x1 GE 7HA.02 SS	620 MW
19 Fairview Energy Center	2x1 GE 7HA.02	1,050 MW



● ● ACTIVE PROJECTS
● RECENT COMPLETED PROJECTS

CAPACITY Gas EPC projects only

	2020	2021	2022	2023	2024	2025	2026	2027	2028
NILES ENERGY CENTER <i>Indeck Energy Services Inc</i>	█								
SEMINOLE COMBINED CYCLE FACILITY <i>Seminole Electric Cooperative</i>	█								
MARTIN DRAKE POWER PLANT <i>Colorado Springs Utilities</i>		█							
TUXPAN COMBINED CYCLE PLANT <i>CFEnergia S.A. de C.V.</i>			█						
INTERMOUNTAIN POWER PLANT <i>Intermountain Power Agency</i>			█						
A.B. BROWN SIMPLE CYCLE PLANT <i>CenterPoint Energy</i>				█					
ORANGE COUNTY POWER STATION <i>Entergy Corporation</i>				█					
MAGNOLIA GENERATING STATION <i>Kindle Energy</i>				█					
SHADY HILLS ENERGY CENTER <i>Shady Hills Energy Center, LLC</i>				█					
CUMBERLAND POWER PLANT <i>Tennessee Valley Authority</i>				█					
HORSESHOE LAKE POWER PLANT PEAKER <i>Oklahoma Gas & Electric OG&E</i>					█				
MILL CREEK 5 GENERATING STATION <i>Louisville Gas & Electric – Kentucky Utilities</i>					█				
FREESTONE PEAKING ENERGY CENTER <i>Calpine Corporation</i>					█				
TURTLE CREEK 6 CASS COUNTY <i>Omaha Public Power District</i>					█				
DELTA BLUES ADVANCED POWER STATION <i>Entergy Corporation</i>						█			
FRANKLIN FARMS POWER STATION <i>Entergy Corporation</i>						█			
VICKSBURG ADVANCED POWER STATION <i>Entergy Corporation</i>						█			

POWERED BY INEIGHT

KIEWIT TECHNOLOGY

The InEight platform was created based on how Kiewit builds work. No other InEight customer has a comparable experience with the tools that are available to Kiewit.

REAL-TIME DATA/FORECASTING

Access to vast network of real-world jobs/data and labor inputs

COST AND SCHEDULE CERTAINTY

Accurate estimates, whether it be for a FEED or lump sum quote.

PROJECT VISIBILITY

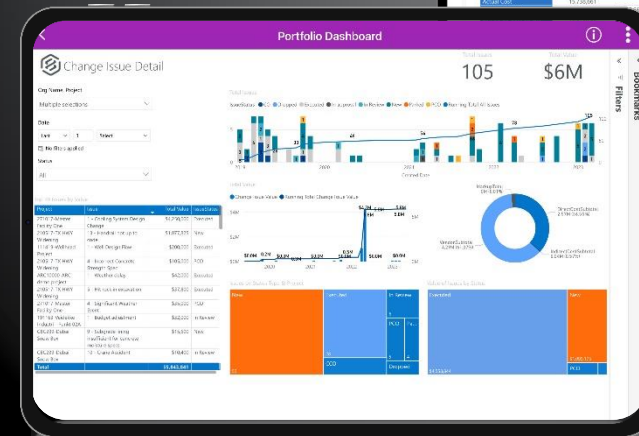
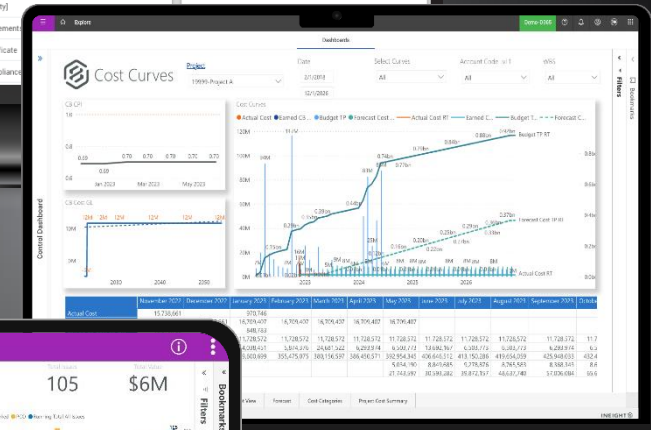
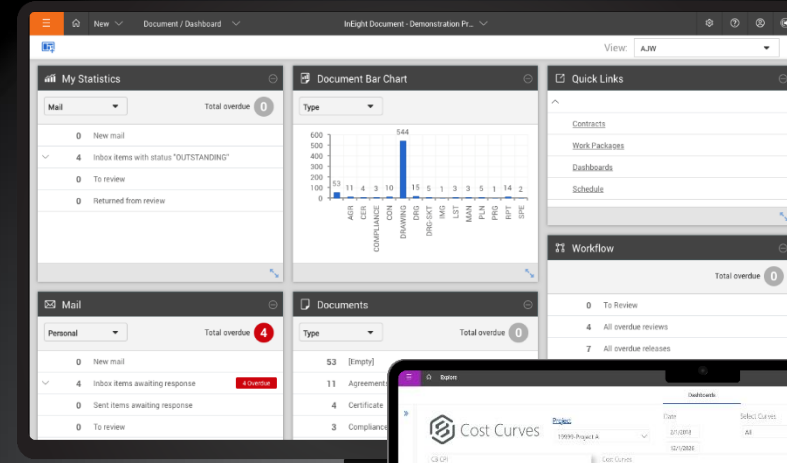
Greater transparency during the project lifecycle.

RISK MITIGATION

Risks are identified, analyzed and monitored.

SEAMLESS DATA TURNOVER

Project data can be seamlessly handed over to our clients.




MARCH 2022

GAO CASE STUDY

GAO Case Study outlines Industry best practices in Project Delivery

KIEWIT INTERVIEWED ON:

- Maintain a Realistic Assessment of Product Development Activities
 - Early contractor involvement minimized construction and engineering challenges to allowing for more achievable schedules. This early engagement allows for clients and Kiewit to align priorities and allocation of risk.
- Preserve Institutional Memory and Share Corporate Knowledge
 - By utilizing the InEight software Kiewit can leverage past project data to make real-time data driven decisions to proactively manage project success and mitigate risk.
- Invest Time to Research a Marketable Product
 - Kiewit implements alternative delivery models to reduce risk and delivery projects on schedule.



GAO United States Government Accountability Office

Report to Congressional Addressees

LEADING PRACTICES

Agency Acquisition Policies
Could Better Implement Key
Product Development Principles

March 2022

GAO-22-104513

- Amazon developed a formal process, a platform known as the Archive—a repository that captures what did or did not work on a previous development project. If an employee proposes a new effort of a previous project that failed, Amazon leadership has the ability to go back to the Archive to understand if the reasons for the failed project have fundamentally changed. If those reasons have changed, Amazon can go forward with the product idea. If the reasons have not changed, the decision is most likely to be no.

Kiewit's InEight Software Provides Institutional Memory with Insight into Past Performance

Kiewit developed the InEight software to provide project management, document management, and virtual design and construction tools, among others, to its workforce. The software also utilizes artificial intelligence (AI) to help inform schedule. As a result, management can look at projects the company built over time and project what a current project will cost and how long it will take. The company can aggregate historical data from previous clients and what Kiewit provided them. If a current client wants a project to go faster, Kiewit can piece together parts from prior schedules using the AI technology to obtain those schedule goals. For example, Kiewit might use different shift arrangements based on the productivity it achieved in similar work on a prior project. The cloud-based software also allows contract data to be shared with project teams in the field, allowing management to collect data on what is being accomplished on a daily basis and compare this with the contract module. These data can then be integrated with the forecast module and updated in real time. The more real-time data Kiewit can manage, the quicker practitioners can make adjustments in the field, saving overall costs.

Source: GAO summary of Kiewit information. | GAO-22-104513

Evaluate Cost, Schedule, and Performance Parameters Continuously

In addition to initially ensuring project teams can deliver products within cost and schedule targets, leading companies in our review continuously—meaning at recurrent intervals—evaluate cost, schedule, and performance parameters before committing to a public release date. By doing so, leading companies increase their confidence that the product will meet those cost, schedule, and performance targets and can take corrective actions, if necessary, to avoid cost or schedule overruns. For example:

- Only after Qualcomm has conducted initial engineering efforts and refined its cost estimates does the company commit to actually building the project. At that point, the company establishes a budget and sets a committed date for the first customer shipment.
- GE Renewable Energy continuously evaluates cost and schedule estimates and reaches a high confidence level that they can execute its program cost and schedule

Page 23 GAO-22-104513 Leading Practices

“ The more **real-time data Kiewit can manage**, the quicker practitioners can make adjustments in the field, **saving overall costs.** ”

GAO Leading Practices Report

POWERED BY INEIGHT

KIEWIT TECHNOLOGY

The InEight platform was created based on how Kiewit builds work. No other InEight customer has a comparable experience with the tools that are available to Kiewit.

INTRINSIC PROCESSES

- Kiewit processes were the foundation
- Kiewit experts built the solution
- Kiewit projects beta tested the workflows
- Kiewit client best-practices are baked into the software

TIME IN THE TOOLS

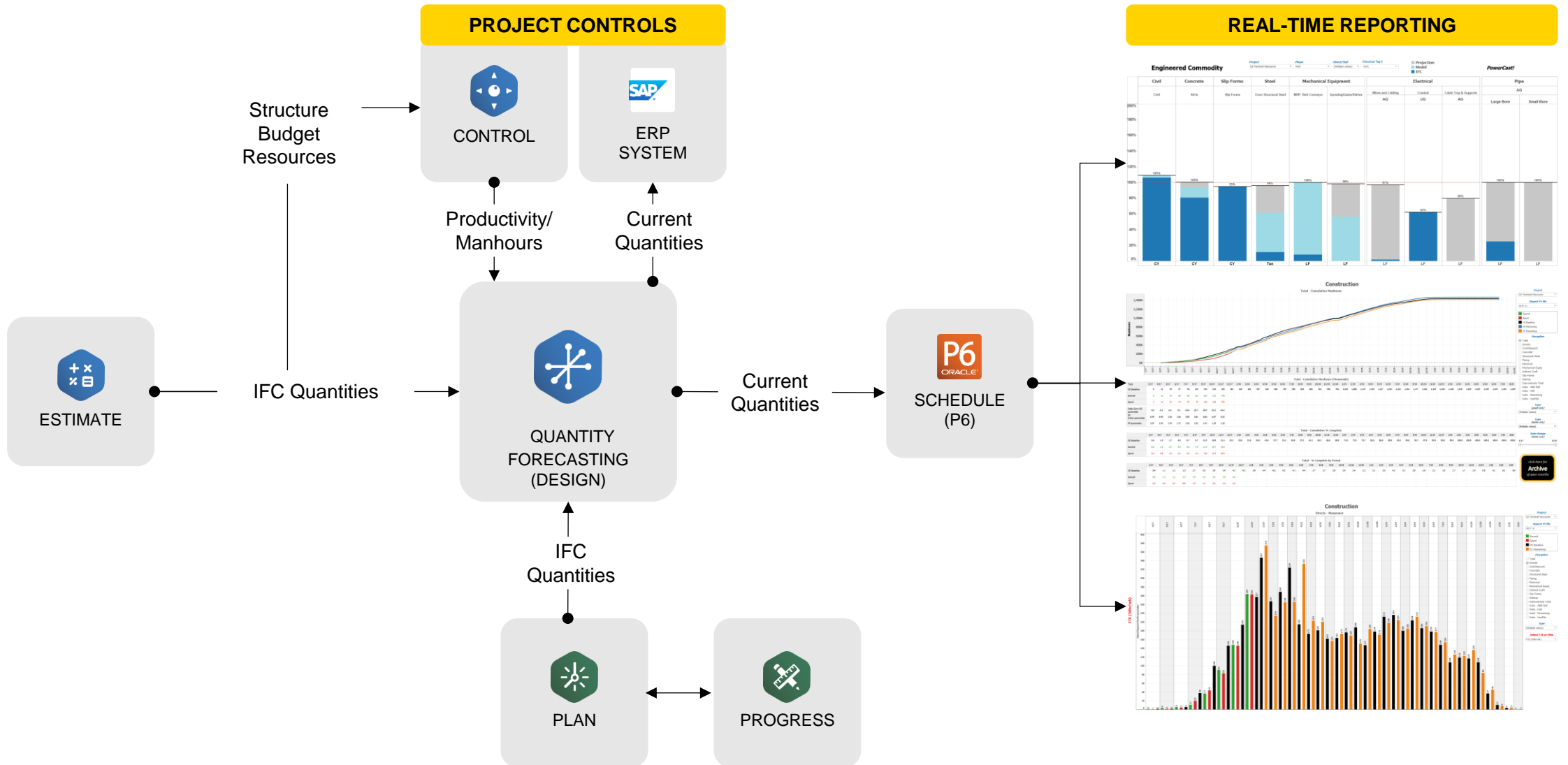
- 1000s of active projects running on InEight
- 6,100+ unique users in the system
- 35,000-40,000 syncs on peak days
- 45% improvement in staff productivity since implementing InEight

POWERED BY INEIGHT

ONE SOURCE OF TRUTH



INTEGRATED PROJECT CONTROLS



QUANTITY MANAGEMENT

Home Demo Project | 180522 / Design / Quantity forecasting

QUANTITY ITEMS ROLLUP VIEW AUDIT LOG View: SH - Design Phases

ID	Description	UoM	Forecast (TO) qty	Discipline	*WBS phase code	*Area	*System	CB qty	30%
12	Above Ground Small Bore Pipe (All-In) (Stainless Steel)-A2-BWM	LF	386.00	Piping	1150	CT	Sys2	398.64	394.00
13	Above Ground Small Bore Pipe (All-In) (Stainless Steel)-STG-CL	LF	433.00	Piping	1150	BOP	CL	398.64	409.00
14	Erect Steel - Light (0-19 lb/LF)-STG-CL	Ton	26.00	Metals	1134	STG	CL	16.79	26.00
15	Erect Steel - Heavy (40-79 lb/LF)-STG-BWM	Ton	77.00	Metals	1136	STG	BWM	83.00	80.00
16	Erect Steel - Heavy (40-79 lb/LF)-PIP-BWM	Ton	102.00	Metals	1136	PIP	BWM	83.00	87.00
17	Erect Steel - Heavy (40-79 lb/LF)-WT-BWM	Ton	83.00	Metals	1136	WT	BWM	83.00	
18	Erect Steel - Heavy (40-79 lb/LF)-A2-BWM	Ton	112.00	Metals	1136	A2	BWM	86.44	90.00
19	Erect Steel - Extra Heavy (80-119 lb/LF)-PIP-BWM	Ton	240.00	Metals	1137	PIP	BWM	206.00	214.00
2	Above Ground Small Bore Pipe (All-In) (Stainless Steel)-PIP-BBD	LF	360.00	Piping	1150	DEM	Sys3	398.64	373.00
20	Erect Steel - Extra Heavy (80-119 lb/LF)-WT-BWM	Ton	193.00	Metals	1137	WT	BWM	206.00	180.00
21	Erect Steel - Extra Heavy (80-119 lb/LF)-A2-BWM	Ton	158.00	Metals	1137	A2	BWM	208.83	187.00
22	Erect Steel - Extra Extra Heavy (120-394 lb/LF)-PIP-BWM	Ton	47.00	Metals	1138	PIP	BWM	46.70	47.00
23	Erect Steel - Extra Extra Heavy (120-394 lb/LF)-WT-BWM	Ton	44.00	Metals	1138	WT	BWM	44.00	
24	Erect Steel - Extra Extra Heavy (120-394 lb/LF)-A2-BWM	Ton	32.00	Metals	1138	A2	BWM	44.00	40.00
25	Above Ground Large Bore Pipe (Carbon Steel) (2.5-6 Diameter)-CCS-BO	LF	821.00	Piping	1154	A2	tst	769.00	821.00
26	Above Ground Large Bore Pipe (Carbon Steel) (2.5-6 Diameter)-BOP-BO	LF	721.00	Piping	1154	WT	tst	769.00	760.00
27	Above Ground Large Bore Pipe (Carbon Steel) (2.5-6 Diameter)-602-BO	LF	315.69	Piping	1154	CT	BD	342.00	329.00
28	Above Ground Large Bore Pipe (Carbon Steel) (2.5-6 Diameter)-DEM-BO	LF	802.00	Piping	1154	Level 1	tst	769.00	771.00
29	Above Ground Large Bore Pipe (Carbon Steel) (2.5-6 Diameter)-STG-BO	LF	890.00	Piping	1154	STG	tst	769.00	791.00
3	Above Ground Small Bore Pipe (All-In) (Stainless Steel)-WT-BBD	LF	480.00	Piping	1150	CT	Sys3	398.64	460.00
30	Above Ground Large Bore Pipe (Carbon Steel) (2.5-6 Diameter)-Level 1-BO	LF	769.00	Piping	1154	DEM	tst	769.00	
31	Above Ground Large Bore Pipe (Carbon Steel) (2.5-6 Diameter)-PIP-BO	LF	769.00	Piping	1154	CT	tst	769.00	
32	Above Ground Large Bore Pipe (Carbon Steel) (2.5-6 Diameter)-WT-BO	LF	769.00	Piping	1154	BOP	tst	769.00	769.00
33	Above Ground Large Bore Pipe (Carbon Steel) (2.5-6 Diameter)-A2-BO	LF	773.00	Piping	1154	CCS	tst	773.00	
34	Mud Slab / Rat Slab- Finegrade-CCS-GEN	SF	237.00	Concrete	1073	CCS	GEN	237.00	
35	Mud Slab / Rat Slab- Finegrade-BOP-GEN	SF	250.00	Concrete	1073	BOP	GEN	237.00	250.00
36	Mud Slab / Rat Slab- Finegrade-602-GEN	SF	263.00	Concrete	1073	CT	GEN	237.00	260.00

Subtotals Count: 113

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Edit quantity item

DETAILS QUANTITIES COMPONENTS NOTES

Component ID	Component qty	Installed qty	Modified Date
602-BO-6501001-02-01	13.91000	0.00000	4/27/2022 11:26:07 AM
602-BO-6501001-02-02	19.16000	0.00000	4/27/2022 11:26:07 AM
602-BO-6501001-02-03	7.42000	0.00000	4/27/2022 11:26:07 AM
602-BO-6501003-01-01	22.31000	0.00000	4/27/2022 11:26:07 AM
602-BO-6501003-01-02	34.00000	0.00000	4/27/2022 11:26:07 AM
602-BO-6501003-01-03	29.00000	0.00000	4/27/2022 11:26:07 AM
602-BO-8101001-01-01	13.98000	0.00000	4/27/2022 11:26:07 AM
602-BO-8101001-01-02	23.66000	0.00000	4/27/2022 11:26:07 AM
602-BO-8101001-01-03	38.29000	0.00000	4/27/2022 11:26:07 AM
602-BO-8101001-01-04	72.00000	0.00000	4/27/2022 11:26:07 AM
602-BO-8101001-01-05	41.96000	0.00000	4/27/2022 11:26:07 AM
Subtotals	315.69		

- Get full visibility across design and construction with a comprehensive project controls solution for design-build and progressive delivery projects

WORK PACKAGING

Work Packages

DisplayId: G1-Area A
Description: Garage 1 Area A

Mhr % Complete: 33%
Cost % Complete: 32%

Total man hours: 731
Last updated on: 09/13/2021
Last updated by: Austin Wilcox

Construction work packages (2)

Package ID	Description	Mhr % Complete	Total man hours
396	CWP for all Con...	33%	731
454	CWP-MEP	0%	0

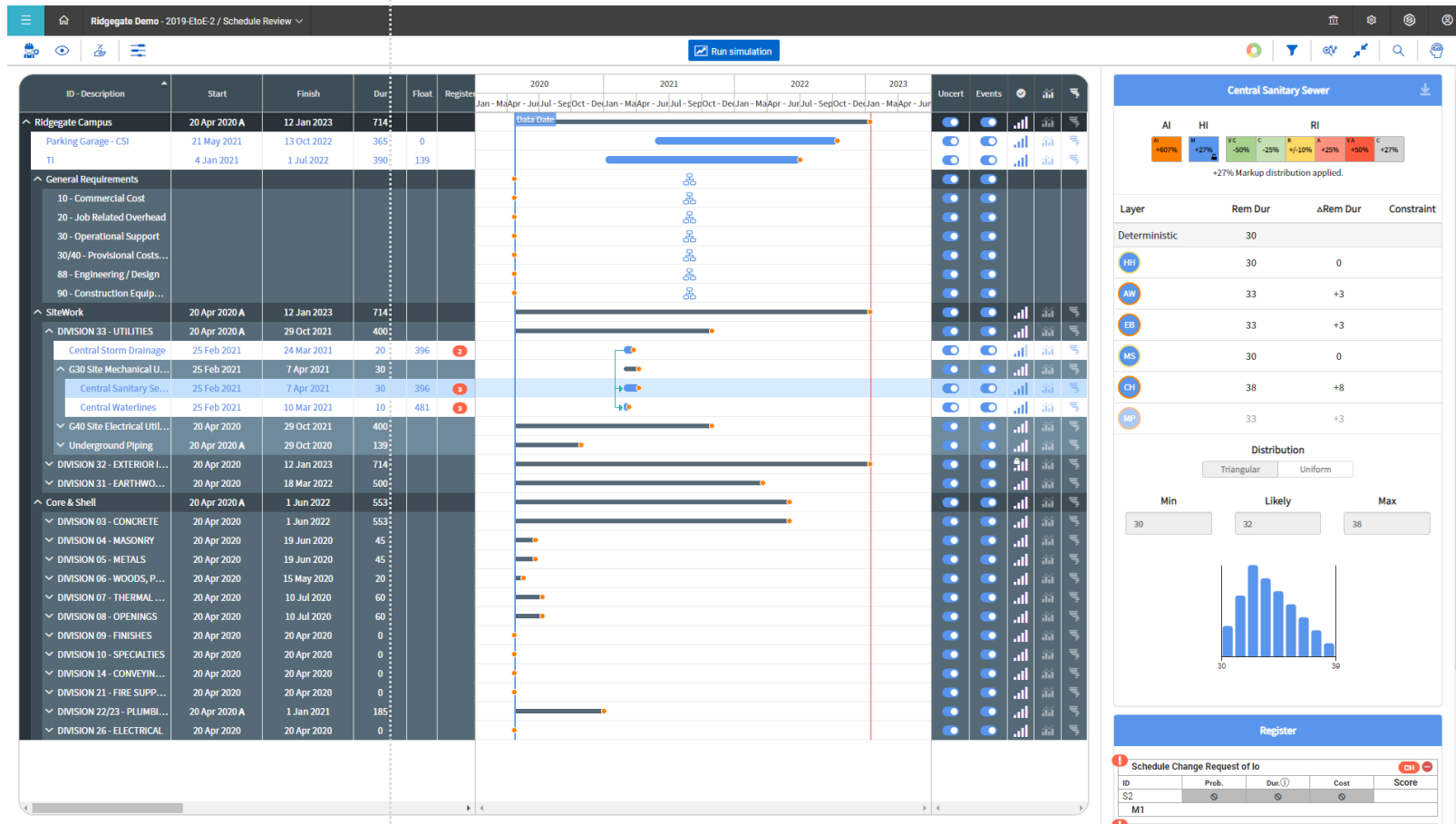
Installation work packages (4)

Package ID	Description	Mhr % Complete	Total man hours
399	C.I.P Concrete ...	33%	731
400	IWP-Pre Cast Co...	0%	0
576	C.I.P Concrete ...	0%	0
799	New Garage	0%	0

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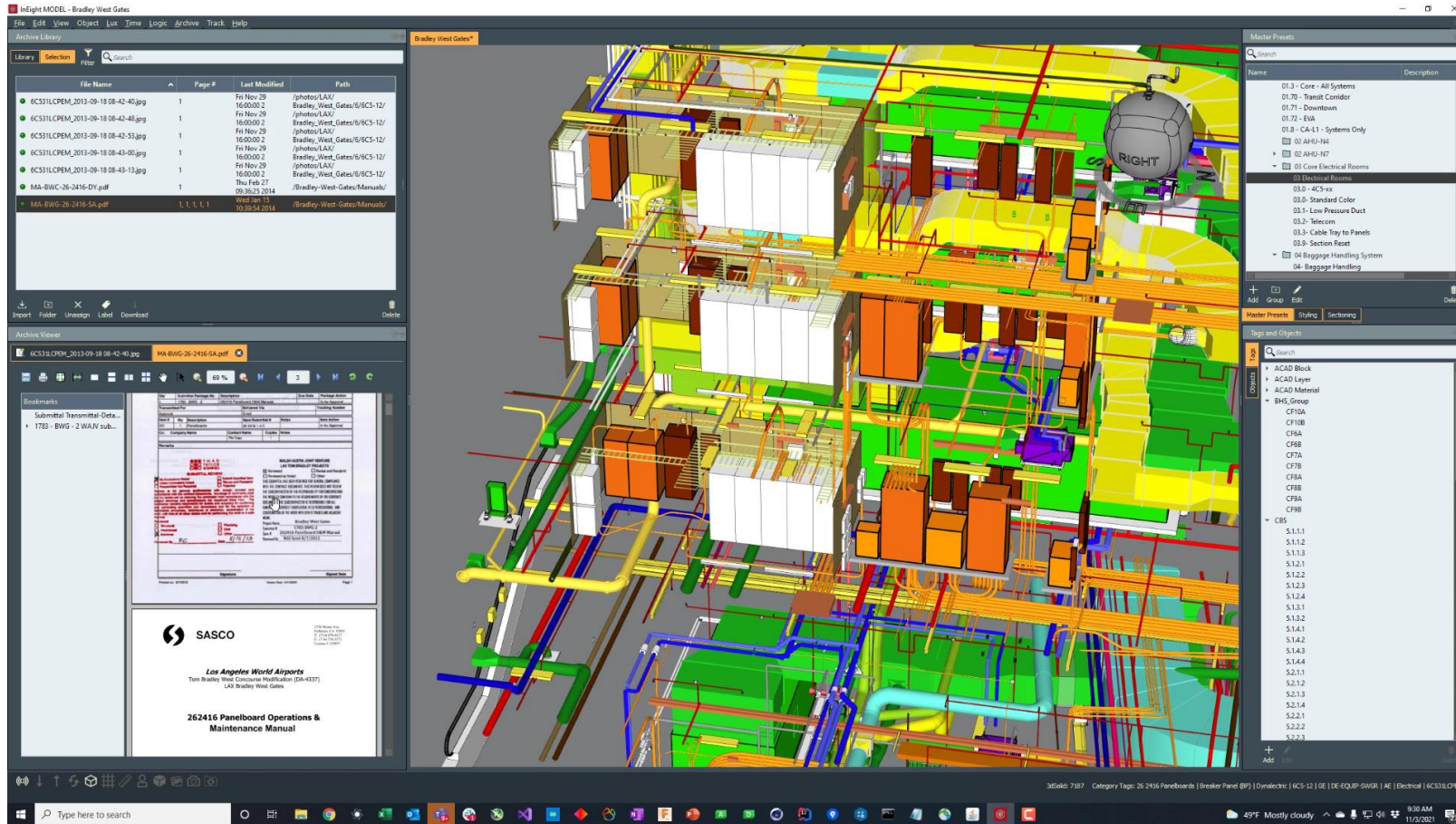
- Manage construction deliverables with an integrated work planning process that fits your team

SHORT INTERVAL PLANNING



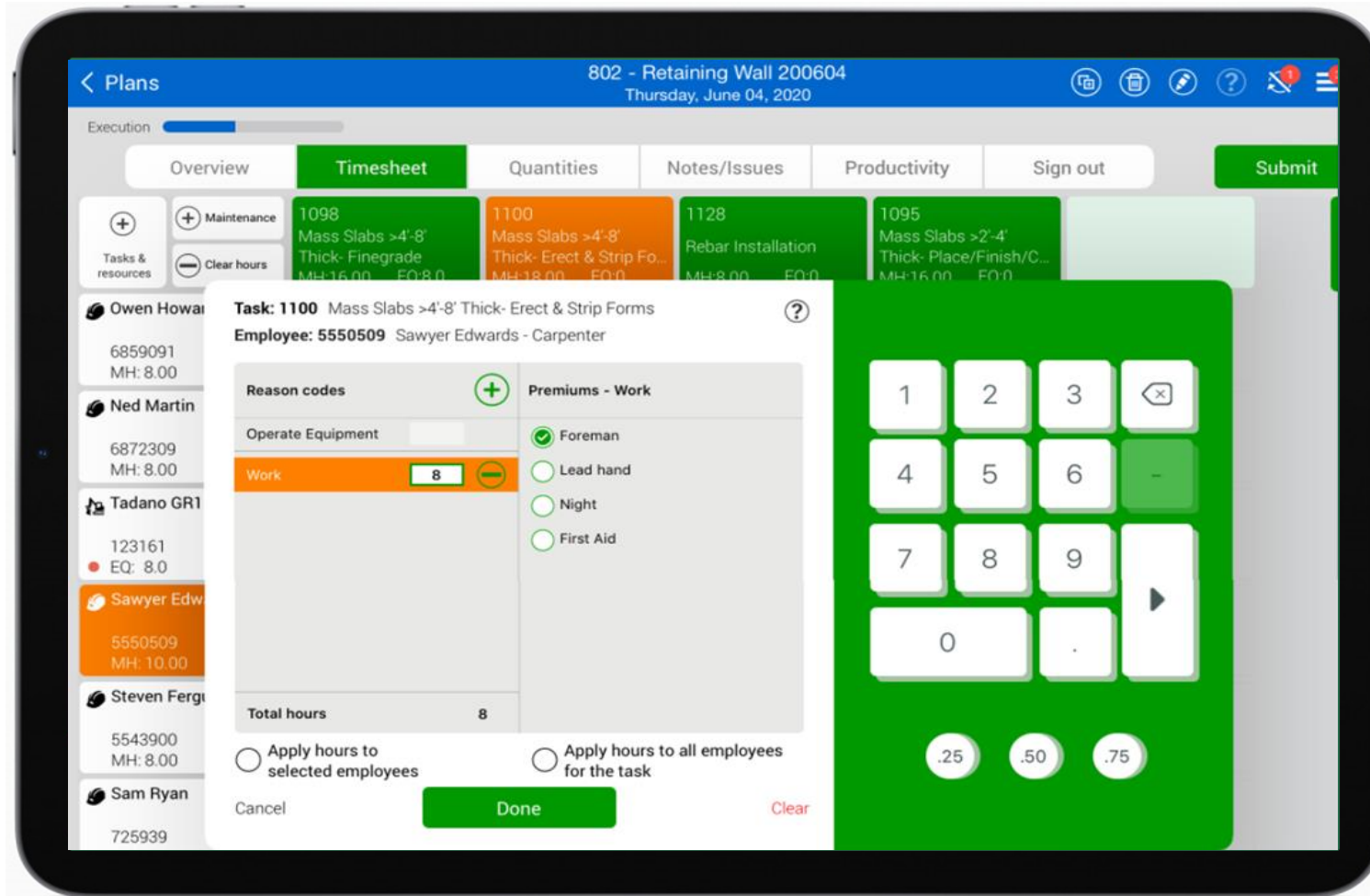
- Collaborate with subject matter experts on a single digital platform to identify risks and validate plans, leveraging their experience to improve planning certainty

WORK PLANNING & PACKAGING



- Model elements are tagged with engineering and fabricator data
- Project Models are integrated with Earned Value System to allow for a visual check of claiming status

FIELD DATA CAPTURE



- Use electronic timesheets and automated reporting to increase field productivity

QUALITY, STARTUP & COMMISSIONING

COMPLETIONS HQ

Account: InEight Demo Project: Completions Demo

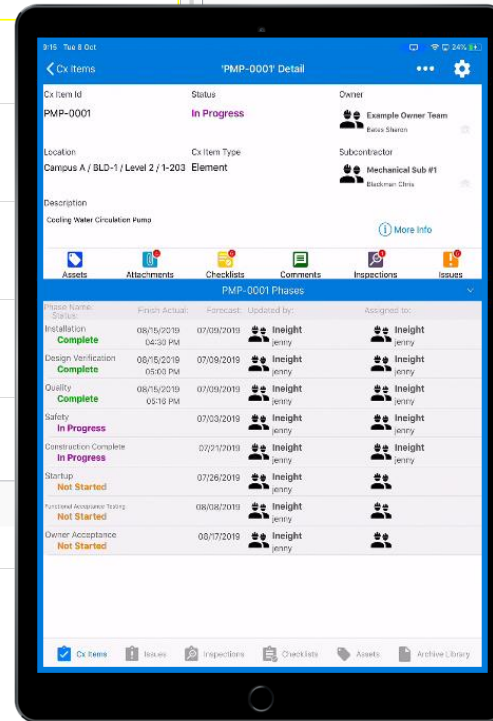
Issues

Showing 5 of 9 records

Id	Issue Severity	Priority	Subtype	Category	Category
Issue Summary	Responsible Team	Summary	Status	Description	Responsible Person
Due Date	Due Date	Resolution Date	Resolution Date	Title	
PLI-00001	B - Base scope Issues that do not affect safety or functionality	Alex	Drywall Damage	ROOM	Ready For Internal Verification
Indent in the drywall behind the entry door					
Drywall Inspection					
PLI-00002	B - Base scope Issues that do not affect safety or functionality		Punch List Item	ROOM	Ready For Internal Verification
Review Drywall Finish and Quality					
Drywall Inspection					
PLI-00003	B - Base scope Issues that do not affect safety or functionality		Punch List Item	ROOM	Ready For Internal Verification
Review Drywall Finish and Quality - Uneven taping on the North wall					
Drywall Inspection					
PLI-00004	B - Base scope Issues that do not affect safety or functionality		Punch List Item	ROOM	Ready For Internal Verification
Review Drywall Finish and Quality - Scuffed paint by the Desk					
Drywall Inspection					
PLI-00005	B - Base scope Issues that do not affect safety or functionality		Punch List Item	ROOM	Valid
Review Drywall Finish and Quality - Drywall damage by where the desk...					
Drywall Inspection					

View Issue Details | Reports... | Create New Issue | Edit Issue(s) | Reassign | Reschedule

Elements | Checklists | Issues | Inspections | Certificates | Archive Library | Admin | Settings



- Orchestrate commissioning and startup activities across stakeholders to ensure timely delivery of constructed assets

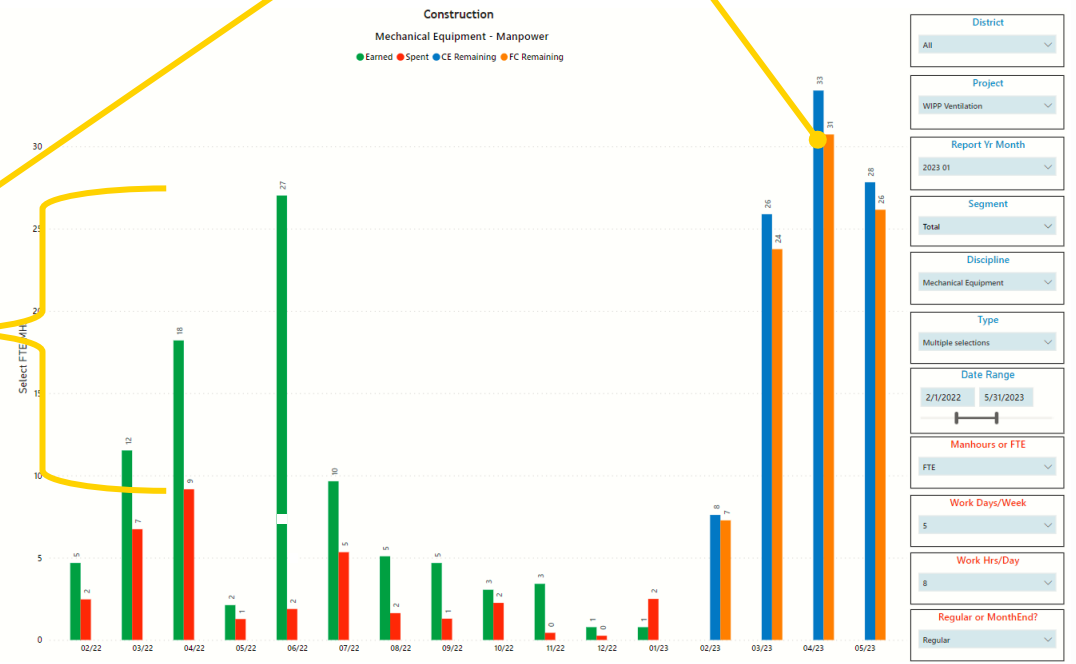
REAL-TIME DATA AND FORECASTING

Row Labels	WBS	Qty	MH	MH G/L	Earned MH	MHF	PF
MECHANICAL BOP	1325	54.69	6,375	8,477	14,852	116.57	2.33
PUMPS	1326	9.88	358	50	408	36.23	1.14
SHOP ASSEMBLED	1329	11.94	840	201	1,041	70.31	1.24
FIELD ASSEMBLED	1337	1.17	136	238	373	115.81	2.75
MISC EQUIPMENT SKIDS	1340	30.55	3,064	6,014	9,077	100.28	2.96
FANS	1347	5.37	1,837	2,005	3,842	341.99	2.09

FC PF > 1.0 = LESS FTES

EARNED > SPENT = JTD PF > 1.0

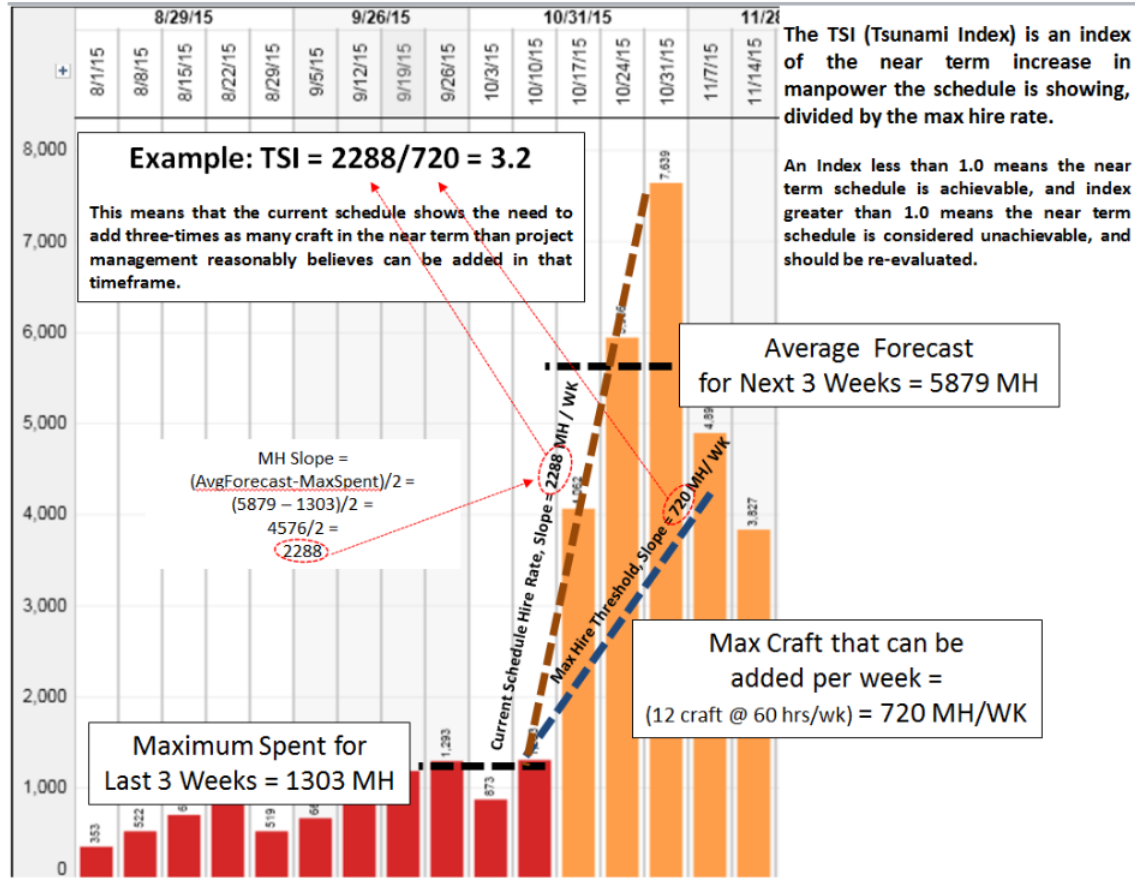
JTD PF = Earned / Actual
 FC PF = Budget / Forecast
 *** At the Schedule Detail Level



- Updates remaining quantities weekly as design evolves.
- Leverages current labor production rates to forecast remaining labor hours tied to specific work scopes

RISK MITIGATION SCHEDULE CERTAINTY

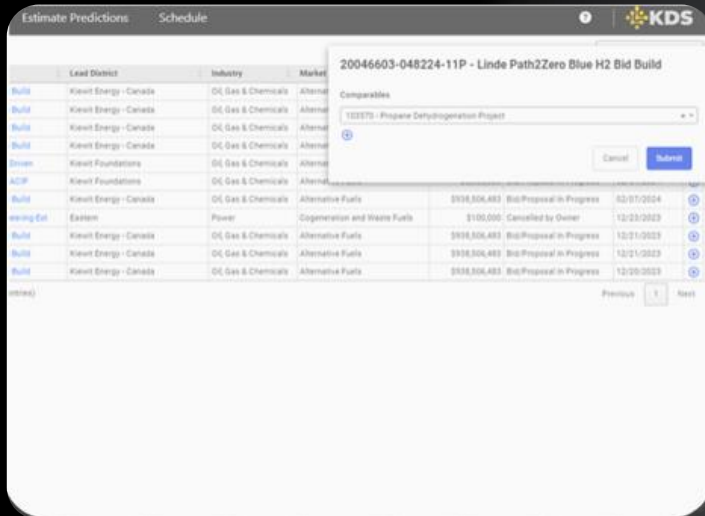
Tsunami Index (TSI) Calculation Example



- Accurate forecasted remaining hours allows the team to evaluate how achievable short-term plans are factoring in resource constraints
- Project teams monitor health of short-term schedule plans by comparing forecasted remaining hours compared to actual spent hours

POWERED BY INEIGHT

PREDICTIVE ESTIMATING



VISUALIZE PREDICTION

Left side of the estimate is MHP and right side is a line showing the trajectory of all predictions through quantities for a given estimate.



SELECT ESTIMATE

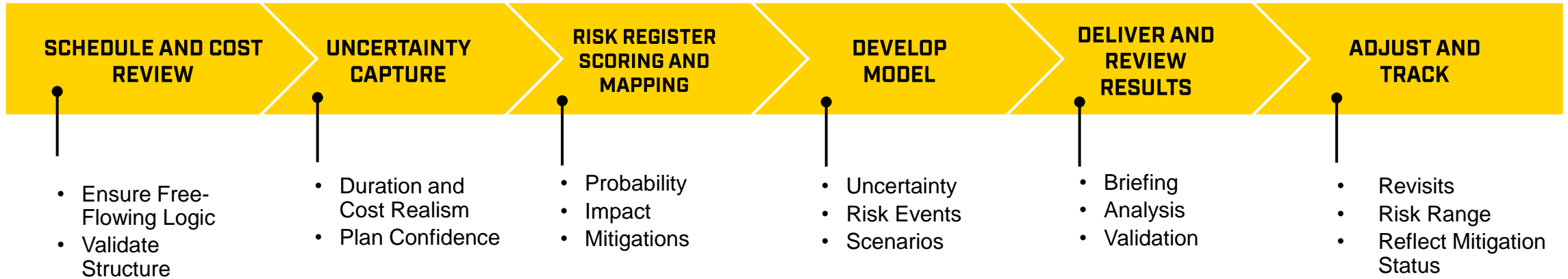
Near real time estimate data pulls from directly from InEight Estimate.

CRM Status	Client	Market	PSI Model	Bid Due Date					
Bid/Proposal In Progress	Port of Tacoma	Rail	Incomplete	3/7/2024					
Model									
Hours	Hours Delta	Amount (\$)	(Risk)/Opp (\$)	Comparable	Hours	Hours Delta			
7,867	116	837,792	10,238						
Comparables									
Hours	Hours Delta	Amount (\$)	(Risk)/Opp (\$)	Comparable	Hours	Hours Delta			
639	0	50,498	0						
333	0	50,513	0						
91	89	14,884	6,641						
180	0	14,298	0						
3,625	0	286,574	0						
711	0	189,251	0						
474	0	1,677	0						
6,054	89	607,696	6,641						
Direct Hours	\$/Hr	Amount (\$)	(Risk)/Opp (\$)	Comparable	Direct Hours	\$/Hr			
4,868	7.80	37,990	694						
Quantity	\$/Qty	Amount (\$)	(Risk)/Opp (\$)	Comparable	Quantity	\$/Qty			
0	0.00	0	0		0				
Hours	\$/Hr	Hours Delta	Ratio	Amount (\$)	(Risk)/Opp (\$)	Comparable	Hours	Hours Delta	Ratio
1,301	104.56	19	4.65	136,021	1,999				

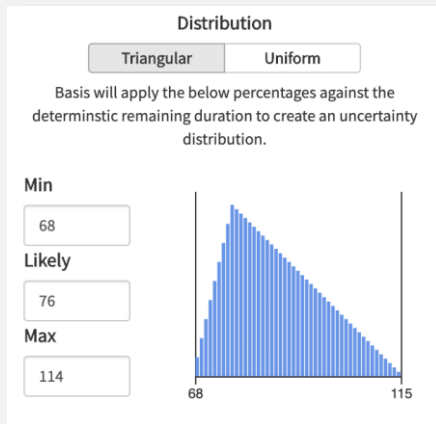
PDF SUMMARY

Summary show cases all predictions that algorithms think you should change.

INEIGHT RISK ANALYSIS APPROACH



Assess Uncertainty (e.g., Qty Growth, Productivity)



Identify Risk Events (e.g., Discrete & Measurable)

Active	Id	Type	Description	Mitigation	Probability	Schedule Impact	Cost Impact	Score
<input checked="" type="checkbox"/>	R14	Risk	Expansion joints not designed for local temp fluctua		75%	60 days	\$10,000	20
<input checked="" type="checkbox"/>	R6	Risk	Expansion joints not designed for local temp fluctua		75%	60 days	\$1,000,0	18
<input checked="" type="checkbox"/>	R13	Risk	Laydown constraints		75%	60 days	\$100,000	15
<input checked="" type="checkbox"/>	R4	Risk	Weld issues causing rework		50%	90 days	\$100,000	12
<input checked="" type="checkbox"/>	O1	Opportu.	Order new COTS modules		50%	60 days		8
<input checked="" type="checkbox"/>	R11	Risk	Risk of delay due to lack of designers resulting in ne		50%	60 days	\$100,000	8
<input checked="" type="checkbox"/>	R17	Risk	Scope poorly defined		50%	30 days	\$100,000	8
<input checked="" type="checkbox"/>	R2	Risk	Laydown constraints	Procure additional acreage adjacent to	50%	60 days	\$100,000	8
<input checked="" type="checkbox"/>	R1	Risk	Delays due to UXB		25%	60 days	\$100,000	6
<input checked="" type="checkbox"/>	R3	Risk	Unknown soil conditions		50%	30 days	\$10,000	6
<input checked="" type="checkbox"/>	R5	Risk	Local regulatory authority changing requirements		50%	30 days	\$10,000	6
<input checked="" type="checkbox"/>	R7	Risk	Site Access constraints		25%	60 days	\$100,000	6
<input checked="" type="checkbox"/>	R8	Risk	Risk of clashes due to pipe sizing resulting in rework		25%	60 days	\$10,000	6
<input checked="" type="checkbox"/>	R9	Risk	Risk of Quantity Growth due to late takeoff		25%	60 days	\$10,000	6



INEIGHT



KADE



ADAPT

 Palantir

 TRACE

- Import Site
- Build Octree
- Load Octree
- Load Requests
- Find Routes**
- Cancel Routes
- Reload Routes
- Quit

Finding routes, 0/79 routes found...
 01-P-4900SA: Preparing...

- 01-P-800HS
- 01-P-800
- 01-P-1600SA
- 01-P-1600SB
- 01-P-1600SC
- 01-P-1600EA
- 01-P-1600EB
- 01-P-1600EC
- 01-P-1500EA
- 01-P-1500EB
- 01-P-1500EC
- 01-P-1600SA
- 01-P-1600SB

Octree draw mode: Disabled | Radius: 4.0

Show nav bounds:

Click button to Route Pipe.

5,000
HOURS

8
HOURS

KADE

Project Selection | Project Defaults | Project PFDs | Admin Proj. Info. | Layouts | Result < >

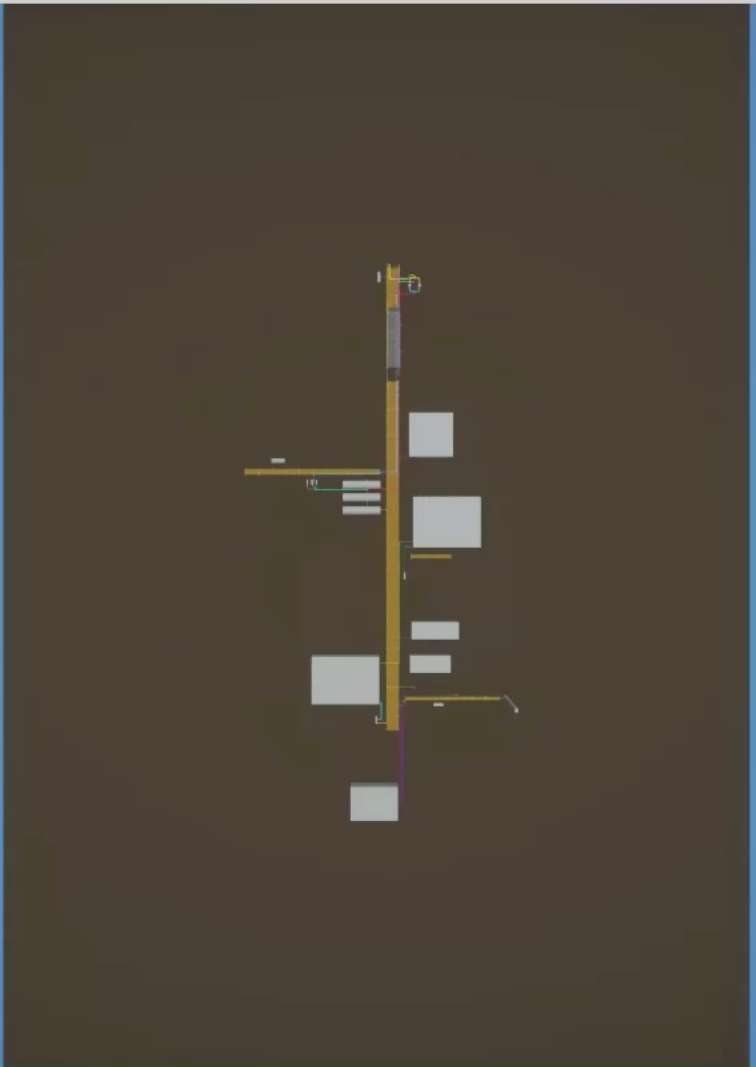
Project:

Objects To Import

<input checked="" type="checkbox"/> Structure:	<input checked="" type="checkbox"/> Bridges	<input checked="" type="checkbox"/> PipeRacks	
<input checked="" type="checkbox"/> Equipment:	<input checked="" type="checkbox"/> Process	<input type="checkbox"/> ELE	<input checked="" type="checkbox"/> INC
<input checked="" type="checkbox"/> Nozzles:	<input checked="" type="checkbox"/> Process		
<input checked="" type="checkbox"/> Piping:	<input checked="" type="checkbox"/> Piping		
<input type="checkbox"/> Electrical:	<input type="checkbox"/> Tray/Duct Bank	<input type="checkbox"/> Cables	

Select a Project and then click on the Load Project button.

KADE Version: 0.0.76



DELIVER COST & SCHEDULE CERTAINTY

DELIVERED 40+ MAJOR PROJECTS

(DOE ORDER 413.3B EQUIVALENT
>\$100M) **ON-TIME** WITHIN 5% OF
BASELINE

INEIGHT: PROVEN ON OVER **\$1 TRILLION**
WORTH OF CAPITAL PROJECTS AROUND
WORLD.

TRUSTED BY OVER **575,000 CAPITAL**
PROJECT STAKEHOLDERS



CLOSING

LIEBHERR

JLG 1800

Kiewit

JLG ULTRA BOOM