

Empowering 2,400 Employees with Visual Management

Our company's journey to data literacy

Balfour Beatty





Bevan MaceVP, National Operations & Lean



Haley Smith
Business Development
Director

Balfour Beatty



How do you spend your time?





Learning Objectives

✓ What we learned along our journey

✓ How we transformed 'reporting'

✓ How you could advance your own journey



Balfour Beatty group

is a leading international infrastructure

Our US business designs and constructs civils and buildings projects that enhance how people live, work, learn and play in our communities.

Top Market Sectors:

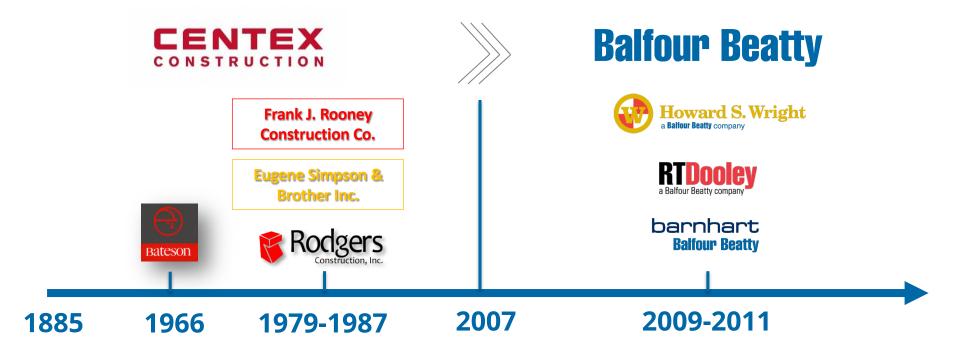
Corporate Office
Education
Healthcare
Hospitality
Multifamily
Transportation

6 Domestic Builder (ENR 2018)
9 Top Contractors (Building Design + Construction 2017)

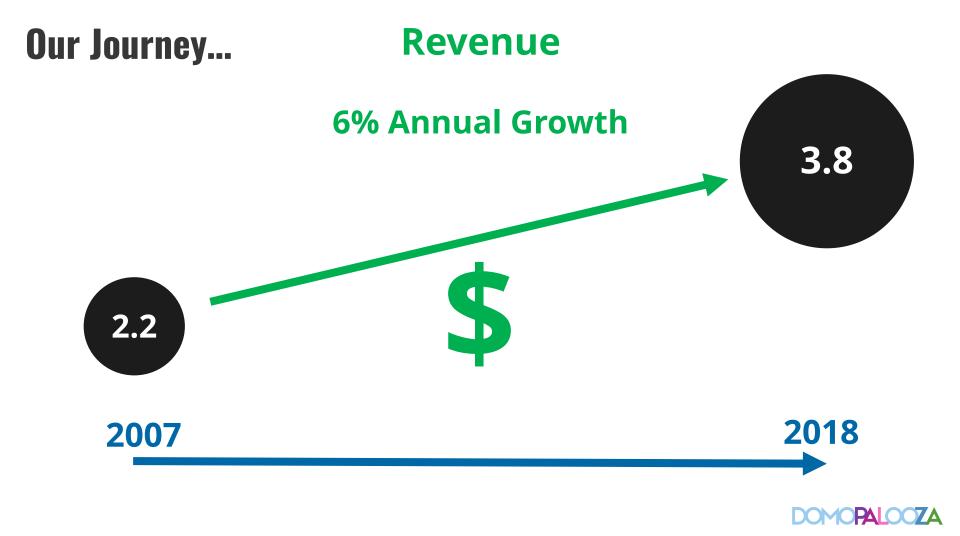








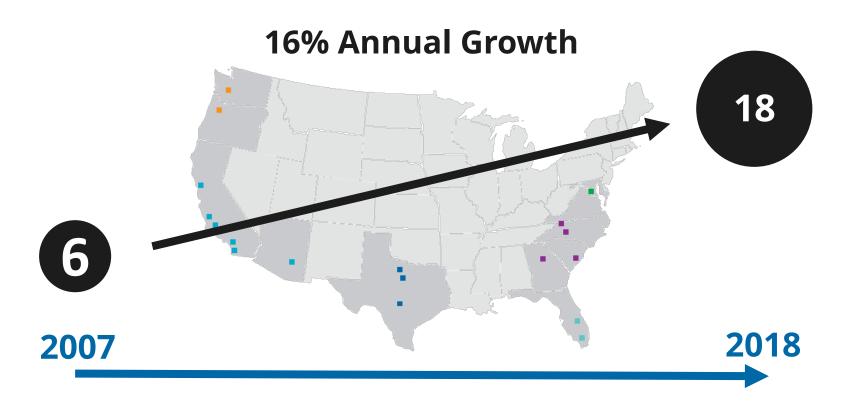




Recordable Injury Rate



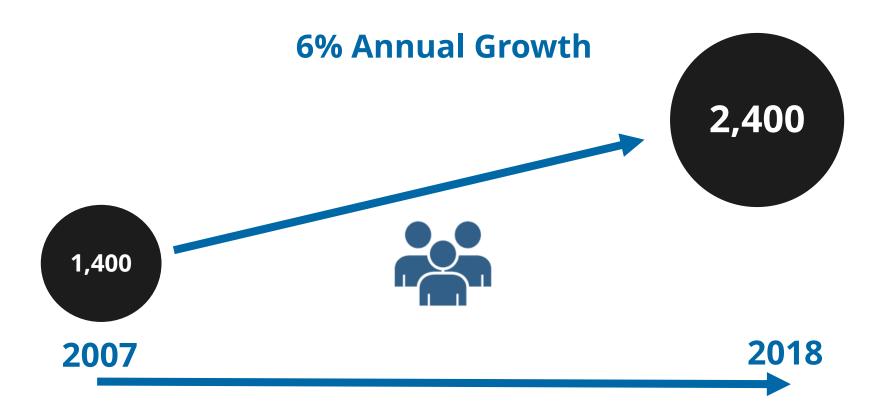
Offices



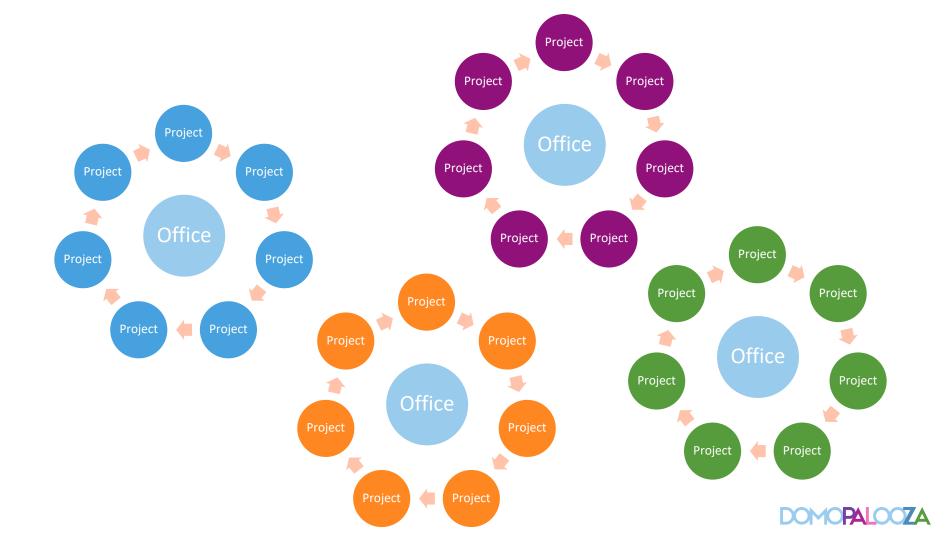




Employees

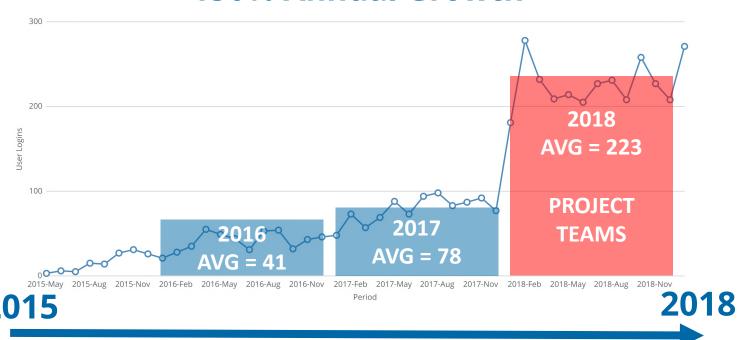






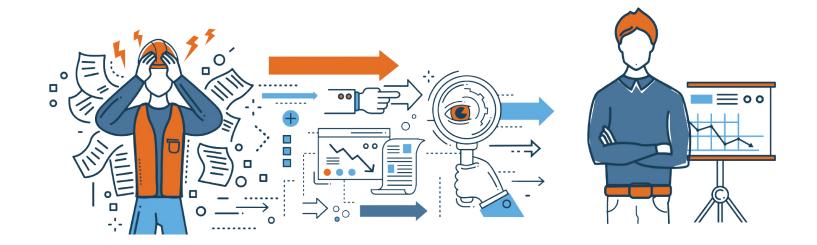
DOMO Users

150% Annual Growth





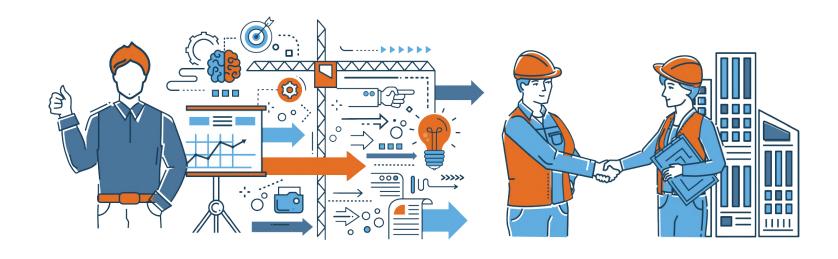
Key enablers: Culture/Leader Behaviors



Before: Reporting info up to leaders to act



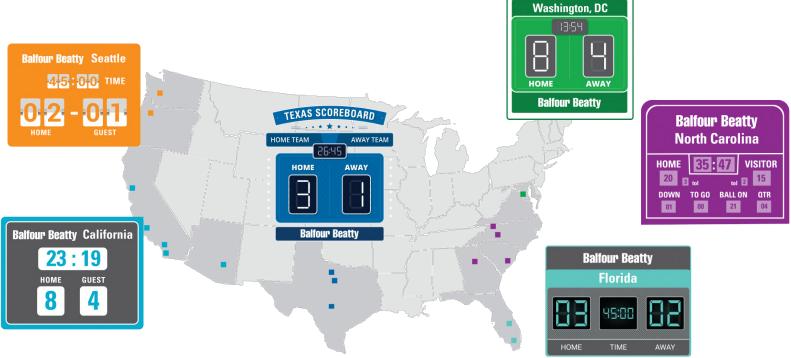
Key enablers: Culture/Leader Behaviors



After: Empowering front lines to act



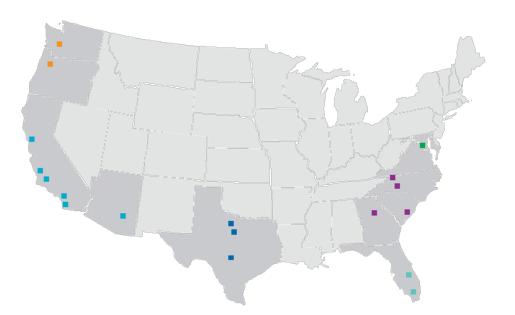
Key enablers: Standards



Before: Varying expectations and accountability



Key enablers: Standards

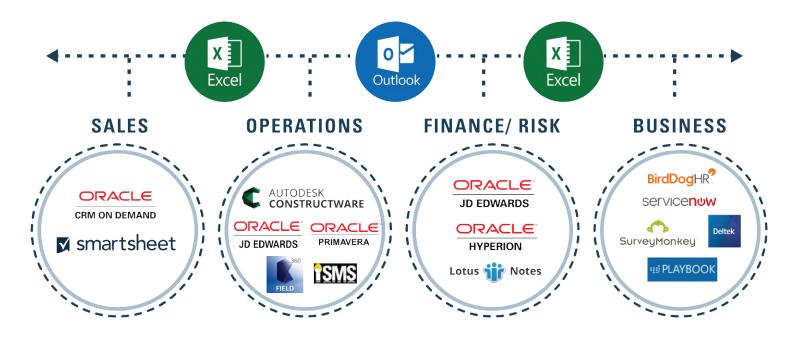


Balfour Beatty National Scoreboard				
TIME LOCATION	номе	GUEST	BONUS	
30:05 SEATTLE	08	03	02	
15:44 PORTLAND	15	05	00	
22:11 SAN DIEGO	06	04	01	
18:30 SAN FRANCISCO	14	09	00	
10:06 AUSTIN	12	08	00	
06:03 DALLAS	08	04	04	
50:14 FORT WORTH	06	02	00	
42:25 PHOEN IX	17	12	01	
09:48 RALEIGH	09	08	04	
28:07 WASHINGTON DC	12	07	02	
40:02 CHARLOTTE	06	04	01	
38:12 ATLANTA	08	02	00	
15:25 ORLANDO	18	10	02	
29:04 FORT LAUDERDALE	15	04	00	

After: Simply and consistently keep score



Key enablers: Data Architecture



Before: Siloed and manual data transfer



Key enablers: Data Architecture



After: Integrated and automated data





Project Dashboard (Leader)

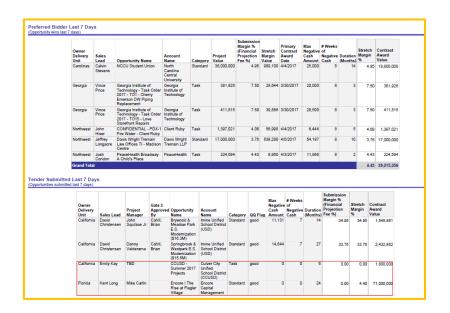
- 'At-a-glance' project health
- Automate information flow
- Prompt better dialog
- Identify issues/ risks earlier



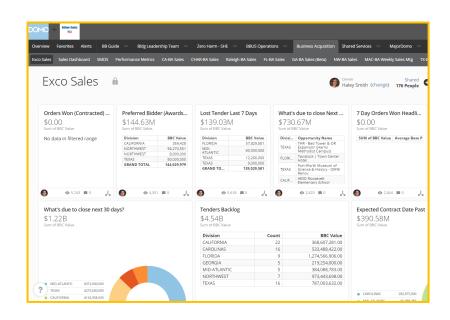
Sample data for demonstration purposes only



Sales Reporting



Manual, Static, Siloed



Automatic, Real-time, Global



How did we use our time differently?

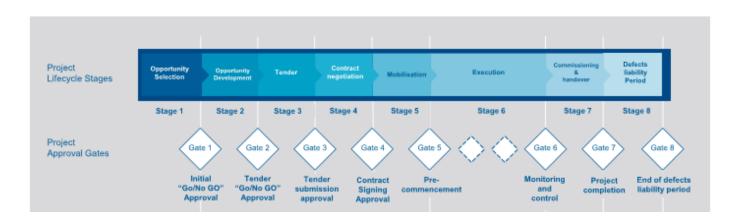


Improving





Value Stream & Standard Work





Balfour Beatty



Communication & Information Flow Issue Resolution

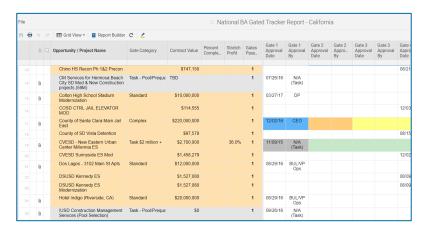
Cost & Cash Strategy Quality & Compliance

Planning

Risk Management Learning & Innovation Team Health & Performance Client/ Customer Expectations

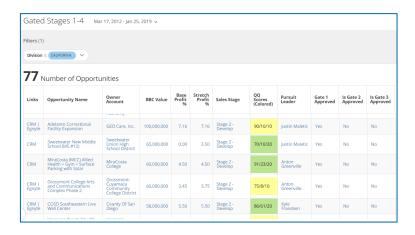


Streamlining Processes with DOMO



CRM + SmartSheet

Two points of data entry



CRM → DOMO

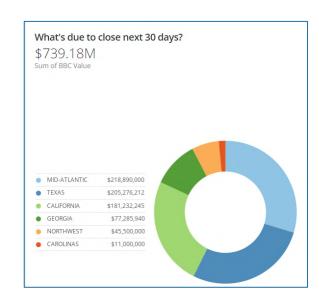
Single point of data entry



Same Information, Different Outputs

9 lumber of Opportunities			
Links	Opportunity Name	Owner Account	
CRM Egnyte	Microsoft Puget Sound Campus Refresh	Microsoft - CONFIDENTIAL	
CRM	Broward County Convention Center Expansion and Headquarters Hotel	Matthews Southwest	
CRM Egnyte	Project 89	Confidential	
CRM	KDC - Project McLemmon	KDC	
CRM Egnyte	Block 216	BDC Advisors, LLC	
CRM	The Wharf Phase II - Garage	PN Hoffman	
CRM	Forth Worth ISD 2017 Bond Program - Parent	Fort Worth Independent School District (FWISD)	
CRM	Round Rock ISD November 2018 Bond	Round Rock ISD	
CRM	Frisco ISD - 2018 November Bond - Parent	Frisco ISD	

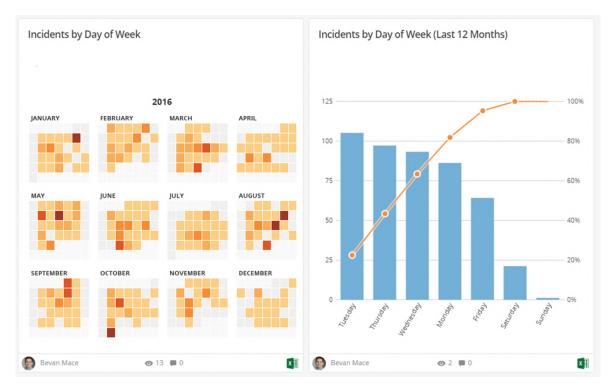
Leadership



Sales Teams



Executive Leader "Aha"



Transforming how we operate to improve

Productivity

Proactive dialog

Alignment & transparency



Individuals



Teams



Business



Hacking our Project Review Process

CoS Hack #6: Monthly Project Review (MPRv3)

Owner: BBUS LT (Rep: Pleas Mitchell)
Area of Excellence: Operational Excellence

Format: Single day, focused Hack process; non compete

Advisory Board: Pleas Mitchell, Steve Smithgall, Bevan Mace

Facilitation by: Bevan Mace

Hack Team: See Hack Participant page (draft)

Conditions of Satisfaction

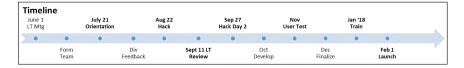
- Behaviors: Align on / identify value add for project teams (win hearts & minds);
 Leaders create safe environment to raise issues/ share bad news
- Identify what is most important to drive good dialog/ must be standard (align metrics throughout business, remove ambiguity – clear understanding of metrics)
- Optimize use of information/ Maximize use of DOMO to provide visual metrics and eliminate duplicate data entry/ self-reporting (ID duplicate entry and plan to address within MPR and to support other business upwards reporting)
- · Reduce effort by 50%; Increase forward looking dialog by 100%
- Meet critical business information needs (narrative, actions) and satisfy with least effort GBL requirements (gate approvals)

Expected Outcomes

- Connectivity across business
- Commitment to solution
- Create MPR DOMO page with key questions & metrics
- Identify key processes that need to be standard nationally
- Update MPR Playbook standard & OpEx template

Stretch Goals

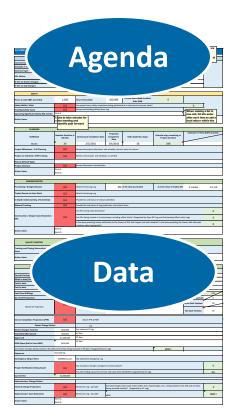
 Integrate other business information requests throughout month (reduce distractions)

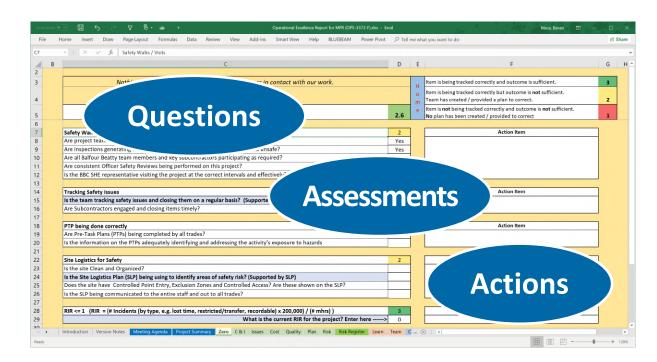






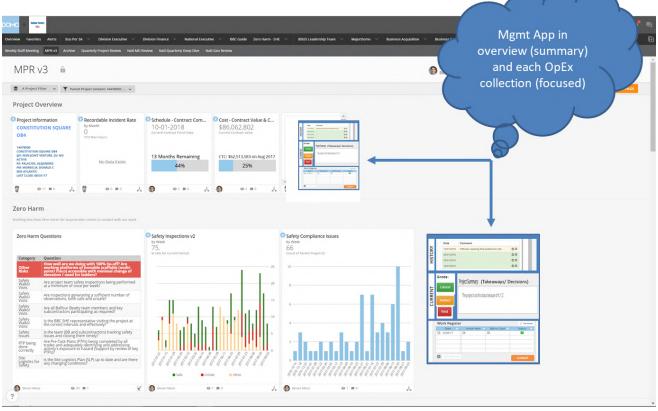
How do we simplify this?



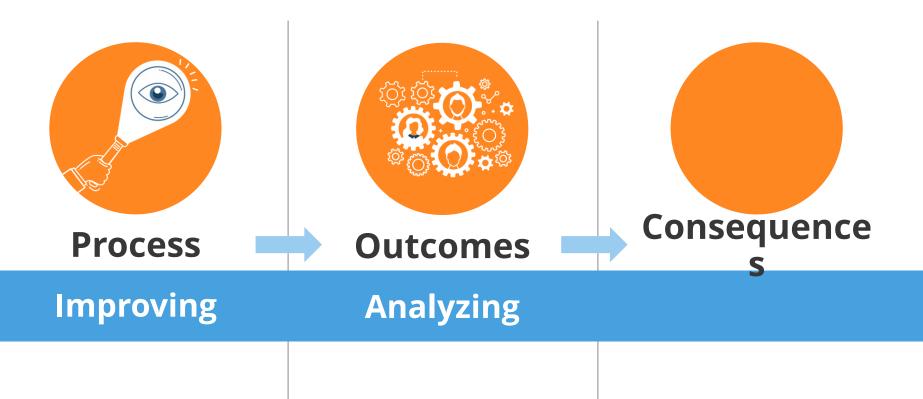




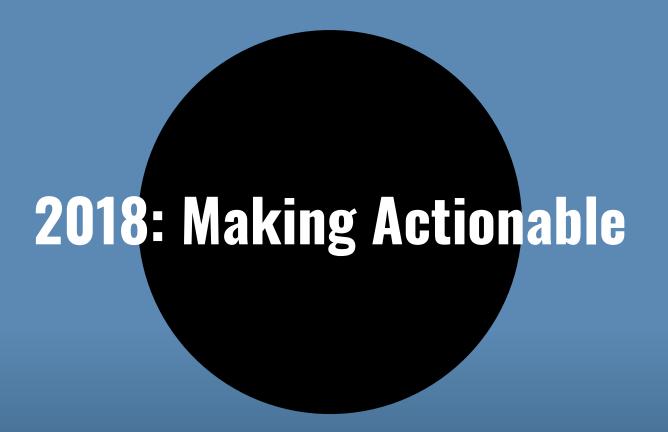
Can we bring all pieces together?



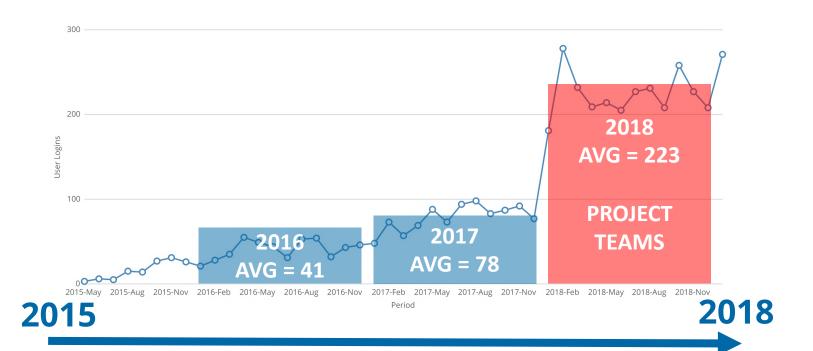
How did we use our time differently?





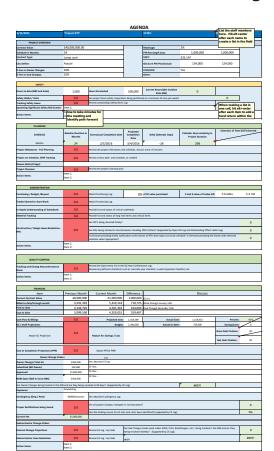


Moving to the front lines...

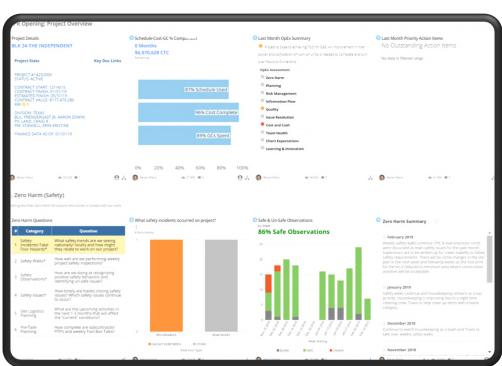




Transformed Project Review



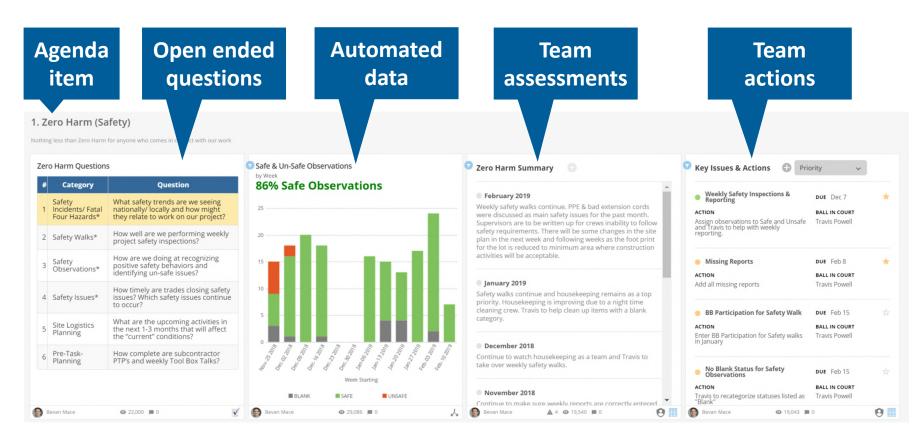




Sample data for demonstration purposes only



Transformed Project Review: Typical Collection



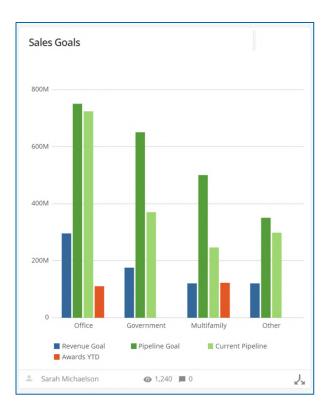
For our Operations Leaders



For Our Sales Teams

District Unit	Canariasita Mone	Outer Assessed	BBC Value	Primare Parillia Tear	Steelak Pas X	PAM Selles Ples	Opportunite Princite	RFP Dav Dale	Preject Award	Project Start	Parasil Leader	l
WDC-04-14					777A	1.23.42 - Gale 2 will subriduled for 3pm lading for prajent office as this			P.10	0.00		
MDC-David	Weal Reselve - East Tower Harlb	Pressur Conjusire	\$65,325,241.11	Halli-Family	4.5	jak. 1.23.12 - Gale 2 auli nakedaled fur Spu luduy fur prajeul offuela na lhiu	Keg Districted	1/25/2817 1:81	3/1/2012 1:11	\$74272143 1:11	David Laik	Earle G.
Luit	West Resalge West Tours	Pressure Companies	415,772,550.00	Helli-Freile		ist.	Key Districted	1/25/2017 0:01	1/1/21/21/11	1/31/2117 1:01	David Laik	Early C.
VDC-David	West Recolor: East Tower South	Propose Compaies	\$111,62,03.0			1.25.42 - Gale 2 will asked aled for 3pm lading for project of forte on this	Ken Dinining	1/25/2017 1:01	2/1/20/21:11	\$29731931:11	n 201.2	Earle Ga
WDC - Danie					–	3.23.42 - Gale 2 mall unbednled for 3pm laday for project offerts on this						
WDC-Duild	Wood Readige - Readige Highlands Park	Pressure Companies	42,451,632.00	Helli-Feeils	-	jah. 1,21,52 - Gale 2 audi autodalesi far 1 an ladan far arairal effacta an litia.	Keg Disisional	1/25/2817 1:81	1/1/21/21:11	5742001:00	David Laik	E erla Ce
Laik	West Randys - Hew Fire Hanne	Pressur Conjusire	\$2,162,657.00	Halli-Family		jak.	Key Districted	1/25/2017 1:01	3/1/2017 1:11	11/25/2113 1:11	Daniel Laik	Early Ca
MPC-0**!1						1.23.47 - Gale 2 will unbednied for Ipm index for praject office in militie						
WDC-David	West Receipt - Drug and Garage Realist Tawa Center Harth Redeselassical -	Pressur Companies	\$41,311,115.11	Public Her /	-	11.11.15: Undated makers arouided. Hel full pains as with aware.	Kry Disisional	1/25/2817 8:81	1/1/2007 E11	925221071:01	William Pedei	Early C.
Lill	Phase 1 Plants 7 and 8 COMPIDENTIAL	Harles Smill LLC	\$31,111,111.11	Ciala	4.5		Keg Districted	1/27/2017 1:01	3/39/2197 1:11	40/921911:00	III	Early C.
WDC-Dails	Roadell Saksal Miard Uar Complex	Laur Entreprises Real Estate Group	581,111,111.II	Helli-Feeile	6.16	4.25.47 - Seal information to Lower Leaf words, Waiting to keep heads.	Key Disistend	4/5/2017 1:01	5/1/2017 1:11	11/2/2117 1:11	Hall Day	Early G.
WEC-HIL.				Hierd Ber /								
PLHC _p .	7959Wissessia	Slauskridge Rannsialen, Inn.	\$10,III,III.II	Office?	4.1	41.24.46 - Proliminary hadyol and unbridalo quing in la Slauchridge. 1.25.2847 - DP/Decembria has officially wen thin parentl. Lean and Alex I.	Keg Districted		1/4/2019 1:11	5/5/21211:11	Daniel Hansah	Early Ca
	Bellined's Crater [Marriell Headquarters]	Paulas Proprelies las.	\$227,111,111.11	Corporate	6.31	fallow ap with analysis of BP.	Key Districted		1/1/21/21:11	3/2/2813 8:88	Alex Palasies	Early G.
						1.23.47 - Provid/Luik Inging to assertal with MAYPAC						
WDC-0444	P496Waller Rend Halismal Military					11.28.15 · Meeting with HDR week of 12.5.15 in diamon project.						
WDC-HIL	Medical Crater Building C Martin Building Comprehension	HAVFACWashington Paged of Garceners of the Pederal	\$40,111,111.11	Healthoure Office?		Salialitation reproduct and Late Feb./Eurig March 2017.	Kry Disisional		9/9/21@EH	10/021071:11	Rishard Ryes	Early G.
Phillips	Rennalisal - Federal Renews	Rearray Saulem	\$151,111,111.11	Carantele		11.21.15 - Small having an anternah anterdated for 12/16/15.	Ken Dininianal		2/1/2010 1:01	5/4/2811:01	Lasti Pietei	Earla Ca
	,					11.23.16 · According to Construction Journal, the RFP in dec set in the						Hizzis
WDC-Darid Laik	25 H SI+++1	Shrider	66.00.00.0	Office?		First george of 2017, NOK in the Arabitral and Decodgains Realig Treat IMAII Consula 505-525-5500 in also involved.	Ken Dininingal	27572197 1:01	621/21921:11	5/6/2017 1:01	Doniel Hearth	Game
			,,				,					Hills
WDC-Dails	Gallbreakung Stree 7 Office Puilding	Balcoloure	68.00.00.0	Office? Corporate		1.23.42 - Meeting with sware askedsted for week of 1.38.2817.	Keg Disisional	37572197 1:11	47/219 EH	7/28/2817 1:00	William Bedel	Game
			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,									Hizzi.
	Pallifing Settleral Addition	U.S. Grannal Services Administration (GSA)	40.111.111.11	Office? Corporate		1.25.47 - Grade perhaps submilled.	Key Disistend	57572847 8:00	tatate en	17021071:01		Gran
	Paralle State of the State of t	(VAN)	\$10,110,111.11	Carperies	4.51	T.O. O.	2.74.0	STOTESTIC SIGN	- Laborator and	E7472817 E186	rian o qu	Hills.
	Capital Cranning - Seelb Plant Pailding			06654-2							Reteres	G
PLHE	Farmerty -235 Sie Rights	Prayrola Grasy Parlarra	\$143,321,111.11	Carparate	3,25	11.25.46 - Seal control hadged haned an applicability uninquess 11/48/46.	Keg Disisional	37572897 8:81	69/892EH	4/2/20111:01	Mardia	Parent
WDC-HILF				06614-7							Hickort	Game
PLHE,	RTC-1761 Realise Parkway	Abridge	\$23,111,111.11	Corporale	3.85	1.25.2817 - Hansak meeting with 9th ridge budge to discount project. 18.48: Selection exhibiting of traden by end of this week. Warking	Keg Disisional		1/31/20/21:11	1/4/21411:11	Phillips	Person
						Brangh andread Language will Owners.						
WDC-Daile						1.42.46:Wailing on Sinal analysed Language In complete abrobbiel requires						
Lutt	Parlate Y	Republic Properties Corporation	\$192,111,111.11	Helli-Famile	4.33	for Sale Courseal.	Key Districted	2/27/2845 8:81	19/5/2055 0:00	275972117 1:01	Rabrellera	E-4 C
WDC-HILF	PPER Paulatan Correlianal Crater			Criminal								
PLHC,.	Replanaral	Virginia Department of Corrections	\$35,111,111LII	Jaclier	5.4	18.48.46: Spake with Kim - kaping to be ar more asso. 1.23.47 - Lean to Sullay as with Keinlin at 1945 on a talon.	Keg Districted		5/85/2019 E-11	11/3/2111 1:11	William Jager	E e d Garen
WEC-HIL				06614-7		· ·						
PERFORMANCE WITH PROPERTY AND INC.	Haffman Taux Craire Blank 2 - TSR HORLP	JBG Companies	\$121,111,111.11	Corporate	6.31	Sahailled Budgelf Hilq of JBC, kitalfaraseilq anapaseala. 1.23.47 - Penjed on hald for and 2-3 modils. JBC kan expersed that they	Kry Disisional	1744/2146 1:11	1/0/210 EH	1/24/2117 1:11	Hall Day	End Game
MBC-David	Meleopolitas Park Phase S	Varanda/Charles E. Saille, LP	\$155,133,000.00	Helli-Famile	4.1	1.23.17 - Praject on hald for used 2-3 modile. JPG has expersed that they used in more forward with on and our oursed from.	Key Distained	1/24/2015 1:01	2/24/2092 8:00	5/24/2117 1:11	Rahrel Freu	E . 4 G
				Education								
WBC-HIL. PLING.	Fact Lee Testining Partitily	U.S. Army Corpord Engineers Harfolk	su.m.m.n	Higher?	1 22	1.21.12 - 94F0 day 1.31.	Key District	12/5/2016 0:01	1/27/2157 E.11	5/5/2017 0:00	Fair Class	End Gran
			,,,		-	11.28.15 - RFP innerd.						
						1/1/2016: Iran meeting askeduled for 1/25. Pearl following up with						
WEC-HIL		Washington Helenpolitan Rees				endade alWHRTR and City of Alexandria and working with PPII on						
Phillips	Palanca Yard Heles Stalies	Transit Relieville (MMATA)	\$45,111,111.11	Transit	2.5	deninium malein and alealegy.	Key Disistered	3/3/2012 1:01	1/31/3197 E-11	51/2/2117 1:11	HallDar	E-4 Cam
WDC - David	Pres Hedinian HUP Hear Pulling Familing	UPras Hrallh Squire	\$353,552,434.28	Brallhare	6.03	18.3.46: Gale 574 appropriate with London set up for 18711.	Key Halissal		3/31/2016 0:00	10/6/2016 1:00	Rinkerd Roses	E . 2 G
WDC-02412		Virginia Dept. of Debasional Health b			Ι.							
WDC - David	COMPIDENTING - Control State Heapital Virginia Control for Debanismal	Developmental Services Virginia Dept. of Debasional Health b	\$121,111,111.11	Healtheare Criminal	-	Saladilled	Stredard	11/8/2012 1:01	1/4/2007 1:01	7/4/2011 1:00	Rishard Race	Earla Ca
Laik	R-L-Lillian [FCDR]	Dearlogueatal Services	525,111,111LII	Jeelier	٠,		Standard	12/1/2015 0:01	1/1/21/21:11	E2422147 E:EE	Rinkerd Rgen	Early C.
	Circulature Malianal Memorial	U.S. Grannal Services Administration (GSA)	464,111,111,11	Patric Ber /	Ι.	1.23.47 - Hel will Sanal as 1.28 about perfecting for the project.	Steedard		7/31/39 E.H	7/99/2017 0:00		
	Secretary Behavior Drawns	1999	-51,111,111.II	0167	т.	the same and the same property			//dras/Ell			Hiddle
WBC-HIL.		L		Assillers	l		L		l		L	Game
PLHE	P255 Pau Riner Alert Fanility	HAYFACW.etingles	\$41,111,1111.11	Paritities.	4.13		Steedard	1/28/2817 1:81	646/2007 E.H	\$7972197 1:01	Erie Clark	Capters
WEC-HIL.				Hissian	1				I			G
Palifig.	P313 - Communications Contro Hardulli	HAVFAC HIS-All-All-	\$25,111,111L11	Critical	6.13		Sloutord	37472847 5:81	5/4/2017 E-01	E2422147 E:EE	Eria Clark	Capters
WEC-HIL.				l		12.42.45 : Prapuad dur far polityrraumbrudian unrh, manbrudian fre	I		1		1	G
PLHE,	Daise Markel Residential Sile 1	unk	\$11,111,111.11	Helli-Family	\vdash	atec.	Stradord	6/2/2010 1:00	1/1/20111:11	10/021411:11	Brgas Fraig	[Capters
				l	1		l		1		1	Hizzi-
	Seallist Rite	Carlbander.	\$45,111,111.11	Helli-Freile	_		Standard		7/3/2007 8:00	992391111	Daniel Hannah	Capters
WDC-0244						11.25.55 - hadgeling you get of decadings expended in Jun. 2017.3670 word						Hills
Laik	William Walker	Finnegaurra Denelopment	435,111,111.11	Halli-Family	4.1	In the Carlo C at this line .	Steedard	4/5/2017 1:01	5/1/2017 8:00	57472147-1:01	Prace Produ	[Perser
												Hills
WDC-HIL. PLING.	SHI Hew York flor	Guald Property Company	\$33,111,111.11	Office 2		1.23.2817 - Sral hadgel kaard on annalronding of garage fearla salg. Ounce controling this information.	Shederd		(7/3EFEH	5/5/2017 1:00	and the same	Gran [Parass]
	200 10 10 10 10 10 10 10 10 10 10 10 10 1	vina regerit canyan	y 1.20, e 11, 1111.11	Corporate		1.25.42 - Alex meeting with Core and week.			waren en	# = 41/1:11	******	17.07000
				l	1		l		1		1	l
				l	1	11.21.15 - Alex counted not be Busial Channess. They got allow hadge to fue the neutral that are similar to men. Remining for all dening which will	l		I			l
WEC-HIL.	2025 Clarendon Punterard Jacobianaly 2010			Office?	1	require and Artington Count approval. Will push short to 2848.			I			l
	Wiless Bladj Calls Heak Sesine Linius	Care Properties Allania Realla Consusies	505,000,000.0	Corporate	1.65		Standard	1715/2015 0:00	1/1/21 C E H	5/25/2147 E31	Alre Palasies	East Gran
	Celle firek brown Crains	Hillaniu Kralle Companies	311,111,111.11		4.42	1	Standard					

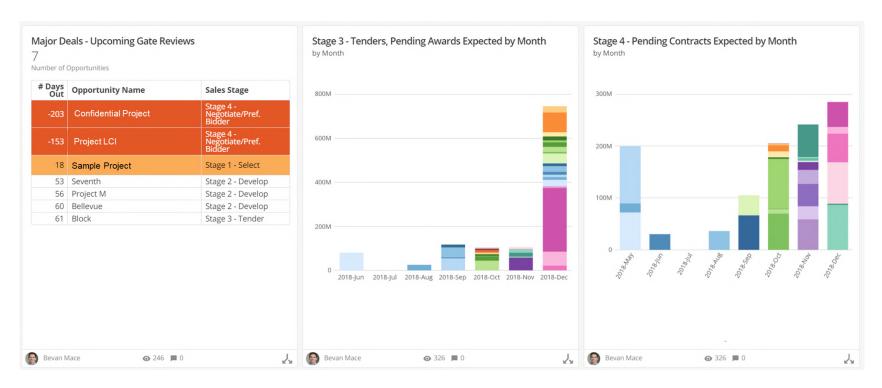




Sample data for demonstration purposes only

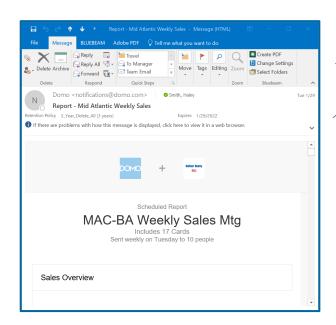


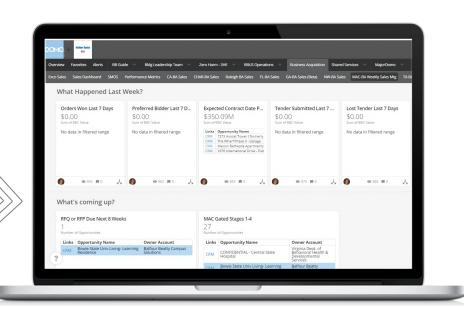
For Our Leadership



Weekly Reports

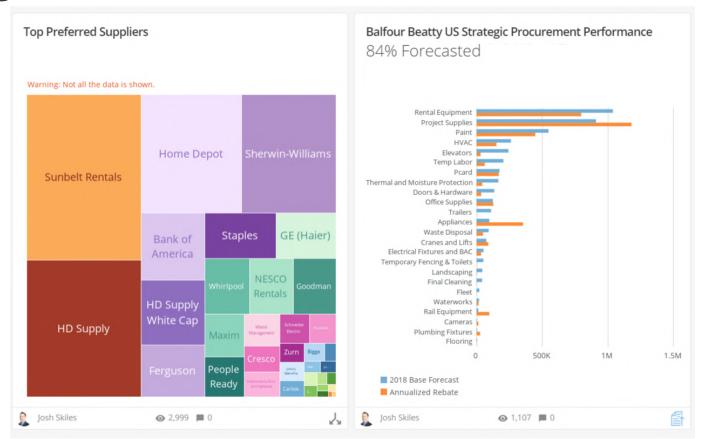
- Pulling people into the data
- Transparency across departments
- Increased data quality







Strategic Procurement



Business Reviews

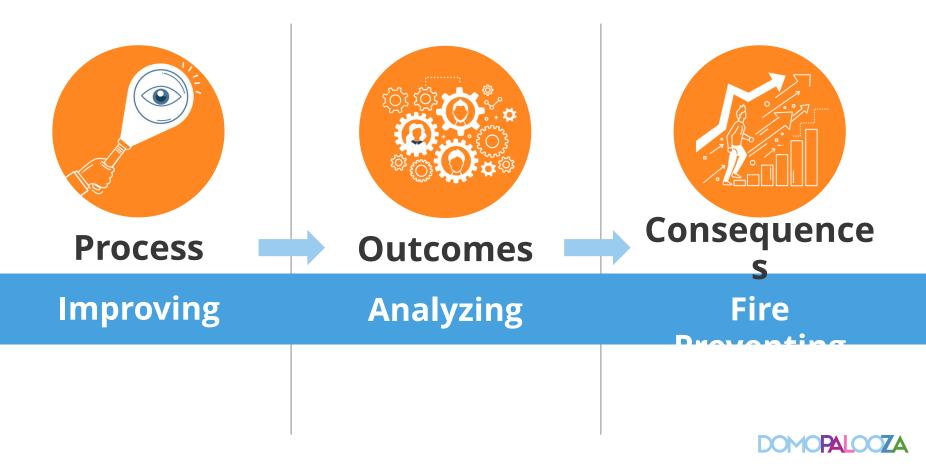
		er er				02		es es			OH .			HACKS THAN TOTAL	SPARKUNES
		JAM PRE		MAR	APR	MAY	AN	188	ANG	557	OCT	MOV	060		-
	Projected Sales				\$ MAILTON		\$ 675,000			\$ 811,000			5 196,000	5 16,271,0	
Agent / Broker	TOTAL	5 84,700			5 106300		5 86,000	5 53,040 5	12,000	67,948	5 19,600 S	75,998			
Inshing		\$ 12,000	\$ 12,000	\$ 13,000	\$ 15,000	15,000	\$ 12,000	\$ 12,000 \$	19,000 1	19,000	\$ 12,010 \$	19,000	\$ 13,010	5 144,01	0
Communication		\$ 20,000	\$ 22,000	\$ 20,000	\$ 22,000	22,000	\$ 20,000	\$ 22,000 \$	22,000 1	22,000	\$ 22,000 \$	22,000	\$ 22,000	5 204.80	0
kana		\$ 1,500	\$ 1,500	\$ 1,500	\$ 1,620	1,500	\$ 1,500	1,000 \$	1,500 1	1,520	1,000 \$	1,930	\$ 1,90	5 16,20	0
Commission / Discounts	205	\$ 4.200	\$ 50,750	\$ 84240	\$ 65,700	51,330	\$ 50,500	\$ 16040 \$	16,500 1	30,440	\$ 44.000 S	40.400	\$ 35.50	5 59LD	0
	N of Total Sales	30%	305	695.	41%	29%	30%	1976	195	98%	50%	92%	31%		
Customer Appointion & Baterdo	e HOLE	5 164,600	5 164,900	5 168,600	5 166,506	168,500	5 108,000	5 100,600 5	108,400	5 106,606	5 108,600 S	108,500	5 100,600	5 LMLW	
HR-Cost		\$ 86,000	\$ 95,000	\$ 86,000	\$ 86,000	95,000	\$ 96000	1 86,000 1	85,000 1	86,000	1 16,000 1	85,000	1 600	5 1,000.00	
Depresolation		\$ 20,000	\$ 22,000	\$ 25,000	\$ 20,000	22,000	\$ 20,000	\$ 22,000 S	22,000 5	20,000	\$ 22.000 S	22,000	\$ 2000	5 246.00	0
hana/Ossaura		\$ 1,000			\$ 3,500		\$ 1,000	1,000 6	1,000 1	1,000		1.00			
Datification	TOTAL	5. 61.300	E 71.800	5 75.000	5 29.300	5 A3 200	5 74,000	5 40 100 5	45.900	44.708	S SEARCE	AR A28	5 77.300	5 AND	
Irahina	1000	\$ 12000	\$ 12,000	15,000	\$ 12000	12,000	5 12000	12,000 \$	12,000 1	12.000	1 12000 S	19,000	1 1000	5 144.01	
Denmysteries		5 2000			\$ 20,000		5 20,000	\$ 22,000 S	22.000 1			22,030			
hone		1.00			\$ 3,500				1,000 1			1.800			
Demmission / Discourts	20%	S 17.40							24,430 (28.120			
	K of Send Sales	100	995	905	ME	1945	105	10%	WE	19%	1005	185	400		
bed.	PRIME	5 61,800						1 65.445 2				85.748		3 774.0	
Tables	1114	9 12,000			3 12000		9 15,000	12,000 5	18,000 1			\$.00			
Decemberation		3 2000							22.000 1			220			
hans.		5 1/00			5 1500		5 1/00	1 1500 5	1400 1			1,600			
Commission / Discourts	105	\$ 7500							23,795 1			90,340			
DOMEST / DESCRIPT	N. of Toront States	AM.	305	305	400	405	65	9 VALUE S	20,725	MK.	A MANUE	225	185	3 MAIN	•
Direct Marketing	THE PARTY NAMED IN	5 91700						5 99,392 5				32.49		5 1,201.74	
Description	7755	\$ 91,000		2 21.000	5 99,000	100,700	5 00,000	5 99,000 5	99,400	11,00		30,49	5 100,100		
Direct Medi		\$ 50.500			5 24,500 8 4300		5 SL300	5 25,000 S	4000 1			480			
> Harafal > Forgon		\$ 2.00			\$ 21000	21,000	\$ 21,000 \$ 1,000	\$ 21,000 \$	21,000 5			21,000			
	of Alcohorting Soles	\$ 1,000	\$ 1,000	\$ (3d)	\$ 1,600 non	1,500	3 (300)	1,320 \$	(30) 1	AAU	1,500 \$	1,900		5 16,20	0
													2900	-	
Interest Marketing	TSSAL:	\$ 1,430		5 1410	5 Asset	5.660	5 A+40	5 8,480 5	5,410	Laid.	5 8,440 5	3,410	5 5,460		
VIR-Cor		\$ 2,500							2,500 1			2.900			
> Web Development & Monte	nonce	\$ 1,200			\$ 1,200				1,200 1			1,380			
ir Sanoh / Rodng		t ac			\$ 800			5 890 5	890 5			890			
History		\$ 1,100			\$ 1,100				1,100 1			1.180	\$ 1,160	5 13.30	0
	of Mortaring Sales	385	385	205	DEK	2005	38%	3850	300.	2000	DIFF.	200			
Sematoring		\$ 60,000			\$ 47,000	48,575	5 48,368	\$ 97,56 \$	47,550	16,949		67,546			
HIE CW		8 34,000			\$ 34,000			8 34,000 B	34,090 8			34.890			
- hairing		\$ 12,000			\$ 12000			\$ 12,000 \$	12,000 1			10,000			
>commison	10%	3 1600										20,240			
* lugger		\$ 1,100	\$ 1,400	\$ 1,100	\$ 1,100	1,100	\$ 1,100	1,100 \$	1,100 1	1,100	\$ 1,180 \$	1,190	\$ 1,160	5 15.00	0
> % of Street	of Montaring Soles	245	20%	245.	24%	2600	34%	3975	20%	38%	30%	38%	18%		
	Northead hates	225	225	225.	22%	22%	12%	18%	22%	22%	22%	22%	325		
Other	TEN:	\$ 100,000	\$ 104,400	\$ 104,400	\$ 106,600	106,400	5 104,400	5 104,400 5	106,400	106,400	5 106,400 S	104,400	5 126,400	5 1,229,20	
Makeing Charrel 9, pearl		\$ 2,400	\$ 2,400	\$ 2,400	\$ 2400	2,400	\$ 2,400	2.400 \$	2,400 1	2.400	1 240 1	2.400	\$ 240	5 26.80	0
Marketon .		\$ 94,000	\$ 99,000	9 98,000	\$ 96,000	94.000	\$ 96,000	98,000 \$	96,000 8	N6.000	NAME &	16,000	\$ 96,000	5 1,174,00	0
Irpel		\$ 5,200	\$ 5,200	5 4,201	\$ 6200	6200	\$ 6200	5 6200 5	6290 1	6,200	5 6200 5	6200	\$ 620	5 34.4	0
														3 -	
														1	
		E 551,800	E 545.600												



Sample data for demonstration purposes only

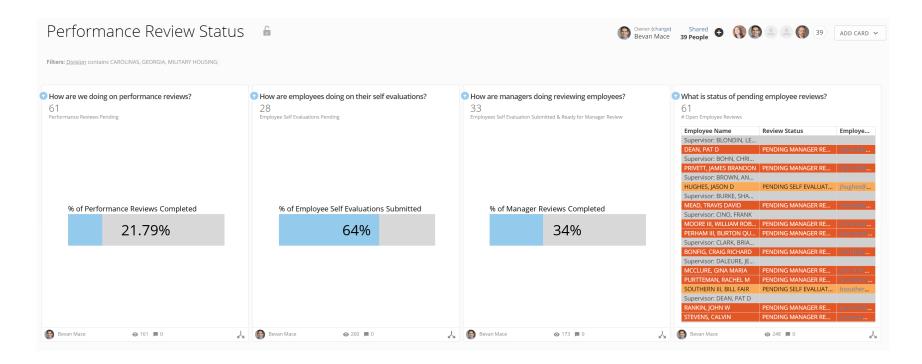


How did we use our time differently?





Focus on people



Key Enablers

✓ Culture/ Leader Behaviors

✓ Standards

✓ Data Architecture



How can you apply this tomorrow?



Start small

What's most important to your people or business?



P-D-C-A

Identify how measure, set targets and standardize work



Coach

Ask open ended questions... be curious about variances



Contact us



Bevan MaceVP, National Operations & Lean
bmace@balfourbeattyus.co
m



Haley Smith

Business Development
Director
hsmith@balfourbeattyus.co
m

Balfour Beatty



QUESTIONS?



THANK YOU

