



Introductions

• Take 5 Minutes

Turn to a Person Near You

• Introduce Yourself

Business Cards



Community Sharing Approach

Please:

- Participate and share your insight
- If there are questions very specific to your organization, we can discuss directly within the labs
- Take this as an opportunity to meet your peers

Macy's

rego University 2018

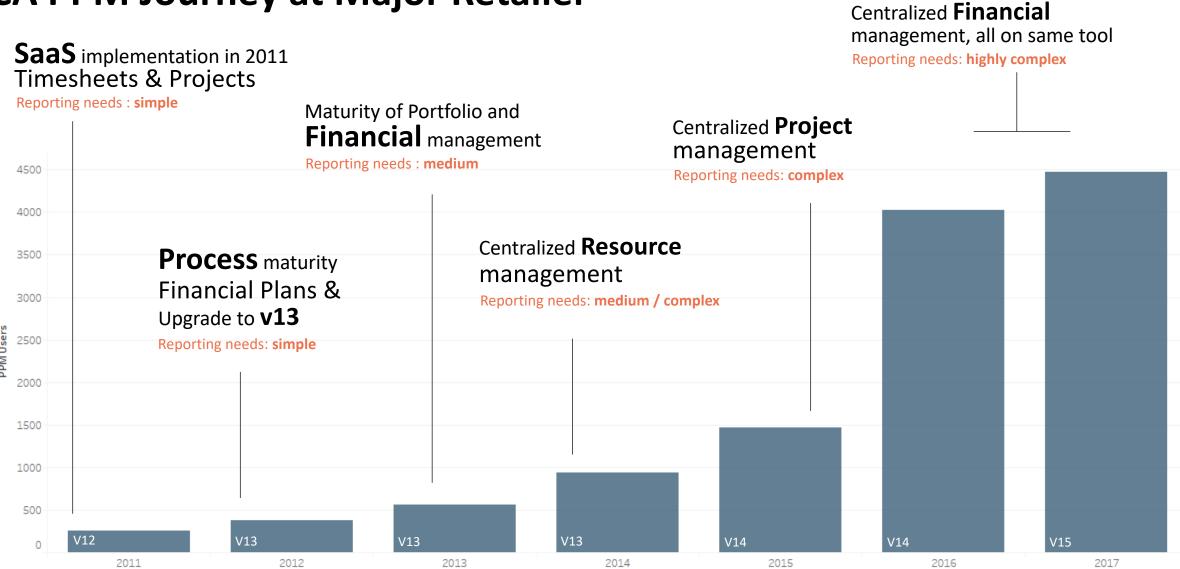
Let Rego be your guide.

Consider the following...

- Do you find it easy to uncover insights, trends using PPM's built-in reporting tools?
- Are you able to provide your senior leadership with actionable insights into all of your PPM, DevOps data?
- Do you have an enterprise tool which you'd like to leverage for PPM reporting? (Tableau, PowerBI, Looker, OBIEE, anything else)
- Do you have a complicated ecosystem of applications which should, but don't talk with each other?
- Do you want to leverage machine learning or natural search?
- Are you seeking a way out of vendor lock-in?



CA PPM Journey at Major Retailer



More than PPM | Application Landscape

CA PPM



- SaaS
- 4500 users
- Portfolio & Demand
- Resource Management
- Financial Management

VersionOne



- SaaS
- Agile Delivery(Epics, Stories, Defects)
- Release Management

ServiceNow



- SaaS
- Change Management
- Asset Management

JIRA



- SaaS
- Production Defects
- Creative Design Process

GitLab



- On-Prem
- Code Repository
- Check-ins, Merge, Branch

Site Performance



- On-Prem
- Site ExperiencePerformance

Create Business Value by escaping data silos



PMO



Agile Metrics



MCOM Release Dashboard



Resource Management



Portfolio



IFS CAP



Financial Planning

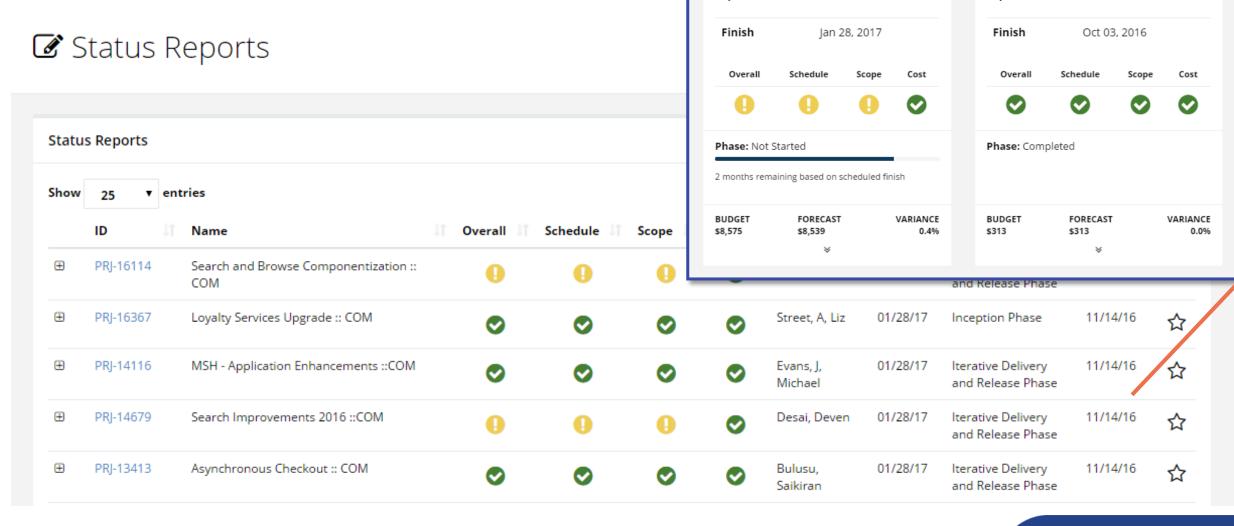


Vendor Management



Help

Status Reports & Favorites



Mobile App - 2015

Manager

Sponsor

Loeffler, Liza

App Stability :: COM

Manager

Sponsor

Sargsyan, Anna

**

	s Reports												Search T	nps
now	25 ▼	ent	ries					5	Search:			C	opy Down	nload
	ID		Name	ŢŢ	Overall	Schedule	Scope 11	Cost 🗐	Manager 11	Finish 1	Stage		Report 📗	
Đ	PRJ-17022		RTO Release 3 :: COM		•	•	•	•	Satomi, Gina Lee	02/03/18	Iterative Delivery and Release Phase	se	12/08/17	7
Ð	PRJ-17830		Stores Domain Product Discovery 2017 :: COM		•	0	•	•	Heathcote, Jo	02/03/18	Iterative Delivery and Release Phase	se	12/06/17	7
Đ	PRJ-18680		Pricing - POS Pricing by Colorway :: COM		•	•	•	•	Wong, Sandra	06/30/18	Iterative Delivery and Release Phase	se	12/05/17	7
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9	PRJ-16504		Attributes - Auto-Tagging Rules UI :: COM		•	•	•		Wong, Sandra	02/03/18	Iterative Delivery and Release Phase	se	12/05/17	7
9	PRJ-17315		Multi Site Hosting: MCOM Capabilities :: CO	M	•	•	•	•	Evans, Michael	02/03/18	Iterative Delivery and Release Phase	se	12/04/17	7
)	PRJ-16842		Web Performance :: COM		•	•	•	•	Meyer, David	02/03/18	Iterative Delivery and Release	se	12/04/17	•

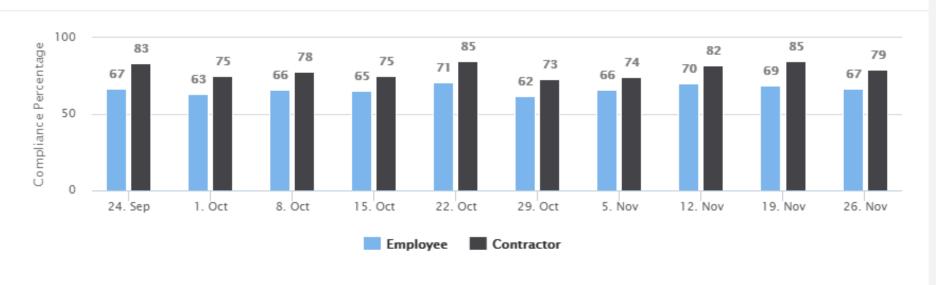
73%

Time Compliance Health

Last Week
3969 timesheets

Timesheets are due and must be submitted by 6PM PT/9PM ET Friday or Saturday if the resource worked during the weekend.





	OBS Unit Name			Compliance %		
		Employee Type	Week of 2017-11-26	Week of 2017-11-19	Week of 2017-11-12	Week of 2017-11-05
,	Wang's Tach		74% 3615 timesheets	78% 3584 timesheets	77% 3566 timesheets	71% 3548 timesheets
,	▼ Marketing - Advanced Analytics [OBS L1]		72% 67 timesheets	88% 67 timesheets	70% 67 timesheets	64% 67 timesheets
,	→ Digital Technology & Customer Exp		62% 191 timesheets	65% 191 timesheets	65% 191 timesheets	62% 191 timesheets
,	→ Bloomingdales.com		53% 95 timesheets	46% 94 timesheets	54% 94 timesheets	49% 92 timesheets

	I Timesheet Compliance for k of 11/26 - 12/02	74%
# 1	Technology Services TSX	78%
#2	Compute and Operate OCX	74%
# 3	Product Engineering CX Vladimir	73%
# 4	Business Engineering ABX , william	72%
# 5	Enterprise Security Services SX Larry	60%

Legend: 97% + | 80% - 96% | < 80%

Timesheets are due on Friday end of day. Compliance snapshots are taken on Sundays.

mPPM Dashboard

Architectural Enhancements

1620 (10/19/2016-11/1/2016)

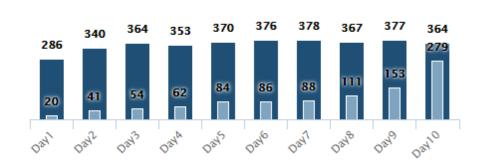
Iteration Summary

286 iteration day 1 baseline points 279 baseline points complete

97.6% iteration completeness

Stories complete: 97.6%, or 279 of 286 points

1620 (10/19/2016-11/1/2016) - Daily Summary

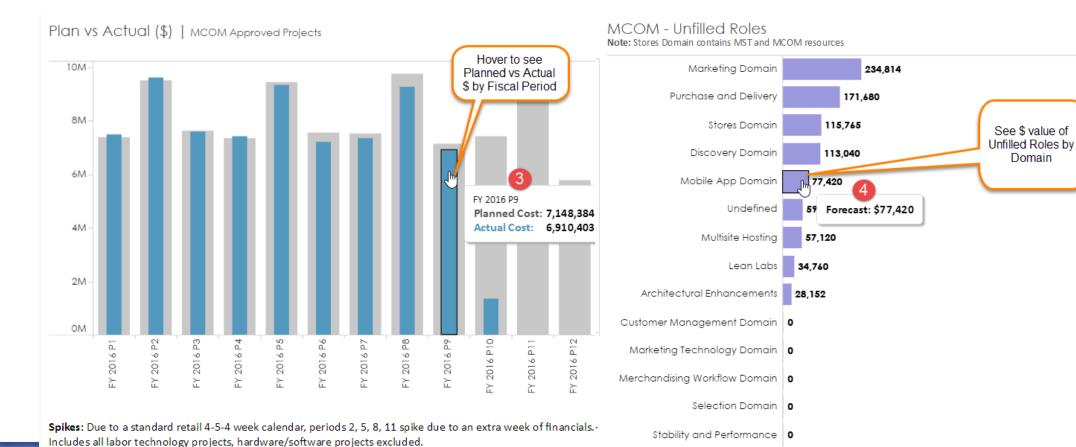


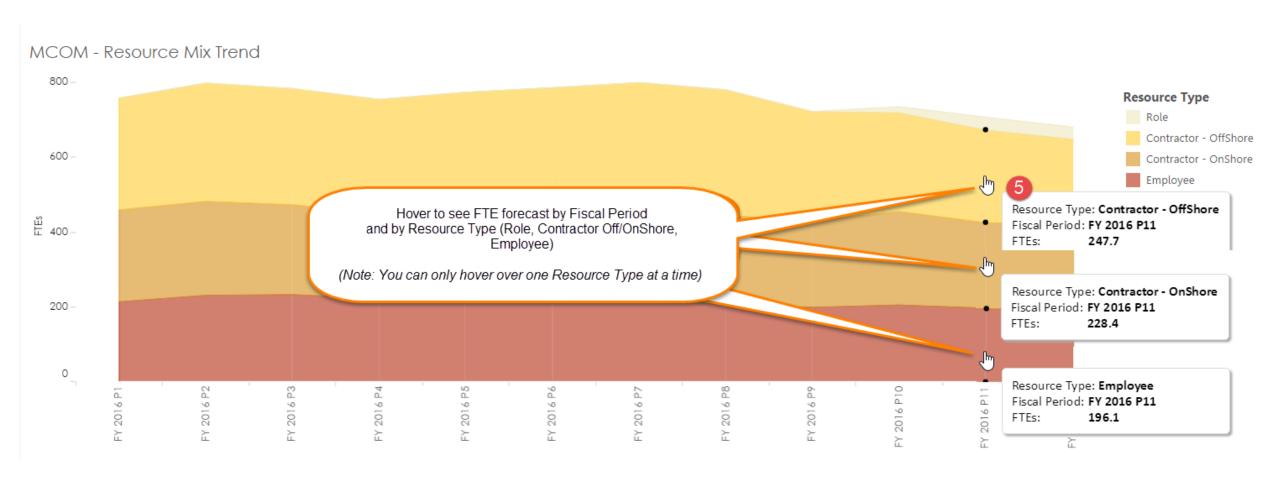
omain Summary			
Mew 1.0 Migration 87.9% complete	66	58	19
0 closed unestimated stories	day 1 baseline	closed points	stor
Retire Tech Debt - Legacy - Seed :: COM 98.4% complete	63	62	20
	day 1	closed	clos
0 closed unestimated stories	baseline	points	stor
IMP-Dev Platform Team 73.7% complete	57	42	15
	day 1	closed	clos
1 closed unestimated stories	baseline	points	stor
Security Settings Isolation & HTTPS Only 167.5% complete	40	67	21
		-11	clos
0 closed unestimated stories	day 1 baseline	closed points	stor
Threat Detection Log In and Gift Card Balance 43.5% complete	23	10	4
	23	10	-
	day 1	closed	close



Note: Board Plan reflects only Capital projects





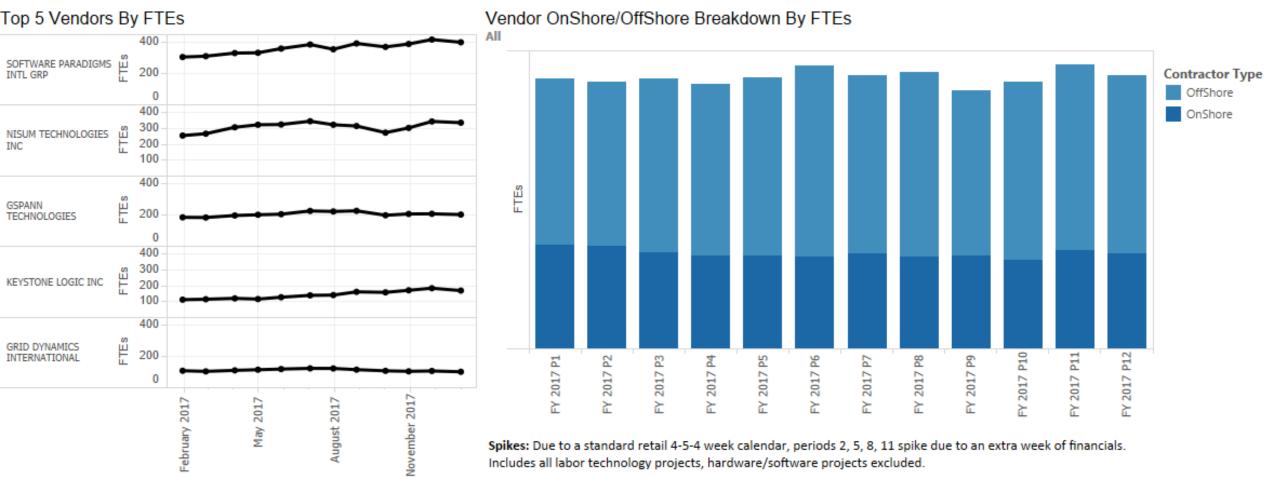


Domain Financial Metrics - (excluding Hardware/Software) *Click Domain Name for Detail

Note: Stores Domain contains MST and MCOM projects/resources.

₽ (Current Budget	Forecast	Variance_	Total FTE's	FTE Trend Contractor	Employee
	\$10,274K	\$9,721K	(\$553K)			
	\$10,959K	\$10,728K	(\$231K)		111111111111111111111111111111111111111	CHITTOTTO
	\$263K	\$221K	(\$42K)			
	\$10,970K	\$10,987K	\$16K			
	\$1,870K	\$1,896K	\$26K	Himili	Illinami.	
See Current Budget, Forecast, Variance and	\$9,646K	\$9,357K	(\$288K)		llimmin	
FTE Trend by Fiscal Period	Ψ17-	\$1,420K	(\$144K)	Linitin	l _{l-torto}	
	\$3,989K	\$3,942K	(\$47K)	Шиши	Humboo	HIIIIIII
	\$7,253K	\$7,377K	\$124K		11111111111111111111111111111111111111	
	\$6,878K	\$6,953K	\$75K			eriod: FY 2016 P12
Click to Open a new screen with Domain-specific Metrics	\$0K	\$0K	\$0K		FTE's:	28.7
	\$11,471K	\$11,510K	\$39K		atlllian.	
	\$10,630K	\$10,434K	(\$196K)			
	\$6,151K	\$6,149K	(\$2K)		Hilimin	
	\$5,453K	\$5,114K	(\$340K)		.11111	11111
	Forecast, Variance and FTE Trend by Fiscal Period Click to Open a new screen with	\$10,959K \$263K \$10,970K \$1,870K \$1,870K \$9,646K Forecast, Variance and FTE Trend by Fiscal Period \$3,989K \$7,253K \$6,878K Click to Open a new screen with Domain-specific Metrics \$0K \$11,471K \$10,630K	\$10,959K \$10,728K \$263K \$221K \$10,970K \$10,987K \$10,970K \$11,896K \$1,870K \$1,896K \$9,357K Forecast, Variance and FTE Trend by Fiscal Period \$3,989K \$3,942K \$7,253K \$7,377K \$6,878K \$6,953K \$11,471K \$11,510K \$10,630K \$10,434K \$6,151K \$6,149K	\$10,959K \$10,728K (\$231K) \$263K \$221K (\$42K) \$10,970K \$10,987K \$16K \$1,870K \$1,896K \$26K \$9,646K \$9,357K (\$288K) FTE Trend by Fiscal Period \$3,989K \$3,942K (\$144K) \$7,253K \$7,377K \$124K \$6,878K \$6,953K \$75K Click to Open a new screen with Domain-specific Metrics \$0K \$0K \$0K \$11,471K \$11,510K \$39K \$10,630K \$10,434K (\$196K) \$6,151K \$6,149K (\$22K)	\$10,959K \$10,728K (\$231K) \$263K \$221K (\$42K) \$10,970K \$10,987K \$16K \$1,870K \$1,896K \$26K \$500 Current Budget, \$1,870K \$1,896K \$26K Forecast, Variance and FTE Trend by Fiscal Period \$1,420K (\$144K) \$3,989K \$3,942K (\$47K) \$7,253K \$7,377K \$124K \$6,878K \$6,953K \$75K Click to Open a new screen with Domain-specific Metrics \$0K \$0K \$0K \$0K \$11,471K \$11,510K \$39K \$10,630K \$10,434K (\$196K) \$6,151K \$6,149K (\$28K)	\$10,959K \$10,728K (\$231K) \$263K \$221K (\$42K) \$10,970K \$10,987K \$16K \$1,870K \$1,896K \$26K \$9,646K \$9,357K (\$288K) Forecast, Variance and FTE Trend by Fiscal Period \$1,420K (\$144K) \$3,989K \$3,942K (\$47K) \$7,253K \$7,377K \$124K \$6,878K \$6,953K \$75K Click to Open a new screen with Domain-specific Metrics \$0K \$0K \$0K \$11,471K \$11,510K \$39K \$10,630K \$10,434K (\$196K) \$6,151K \$6,149K (\$2K)

SOFTWARE PARADIGMS INTL GRP 361.6 NISUM TECHNOLOGIES INC 309.2 KEYSTONE LOGIC INC 143.4 SUN TECHNOLOGIES INC 143.4 SUN TECHNOLOGIES INC 16.6 CORPORATION - 2 CONSULTING LLP CAVISSON SYSTEMS INC 31.1		GSPANN TECHNOLOGIES	GRID DYNAMICS INTERNATIONAL	TAMS 86.4	43.7		
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143.4 86.9 74.9 CAVISSON SYSTEMS INC		KEYSTONE LOGIC INC		TECHNOLOGIES			\prod
		143.4			SYSTEMS INC		



Cap/Exp	Fiscal Roadmap	Status	Parent Portfolio		Portfolio			Project T	уре	
(AII) ▼	2017 ▼	Approved ▼	(AII)	•	(AII)		•	(AII)		•
Project OBS Level 2		Project OBS Level 3	3	Project OBS	Level 4		Project O	BS Level !	5	
(AII)		▼ (AII)	*	(AII)		*	(AII)			*
Program/Domain	Program Man	ager	PM	Maste	Project	Child Project			Select Measure	
(AII)	▼ (AII)		▼ (All)	▼ (AII)	•	(AII)		•	Cost	•

Summary

				SPRING							FALL				
	FY 2017 P1	FY 2017 P2	FY 2017 P3	FY 2017 P4	FY 2017 P5	FY 2017 P6	Total	FY 2017 P7	FY 2017 P8	FY 2017 P9	FY 2017 P10	FY 2017 P11	FY 2017 P12	Total	Grand Total
Employee	19,039	22,884	18,617	17,544	23,421	18,981	120,485	19,122	23,658	20,983	20,254	25,599	21,093	130,708	251,193
Contractor	15,692	19,490	14,942	14,524	18,187	14,638	97,472	14,450	17,696	13,538	13,403	18,466	17,818	95,371	192,843
Role	263	5,594	13,068	2,238	4,397	10,762	36,322	5,926	6,906	5,174	4,352	5,443	10,950	38,752	75,074
Total Forecast	34,993	47,967	46,627	34,306	46,005	44,381	254,279	39,498	48,260	39,695	38,009	49,508	49,860	264,831	519,110
Budget	29,048	36,776	41,447	30,243	39,553	39,150	216,218	35,630	41,213	32,428	31,675	36,421	85,828	263,194	479,412
Variance	-5,945	-11,192	-5,180	-4,063	-6,451	-5,231	-38,062	-3,869	-7,047	-7,268	-6,334	-13,086	35,968	-1,636	-39,698

Portfolio Planning By Team

Idea Fiscal Roadmap	Idea Portfolio	Estimate Division	Estimate Team	Treatment	Parent
2018 ▼	Macy's Integrated Portfolio ▼	(All) ▼	(All) T	(All) ▼	(All)

Mobile App iOS	Mobile App Android	NavApp	ICM FBCS	Merchandise Reporting	SOCR	PRICE	Mobile App iOS	Titan FIL	Titan QE	EPS	MIA
Stella		MAIN	MCOM UI	SPManager, HandHeld, Pick@POS PDF (Product Definition File)		Affinity (AFF)	FCC (Fast				
	RDS			SPOS	Merchant Reporting / rubi	Attributes	MSA	BCOM UI			
			MCOM UI QA	MSP - Order (MOC, Tax,	Stella QA	Enterprise	IDM IDM		-		

Estimate

0.0

Solution

Approach

We built our own data warehouse and it didn't hurt, you should too.

- A two person team built initial POC in under a month.
- Lean model. Build first, scale when successful.

Populating data warehouse (APIs are your friend)

• All data flows into data warehouse in real-time. Business moves in real-time, and so do our reports and metrics. Customers demand real-time insight.

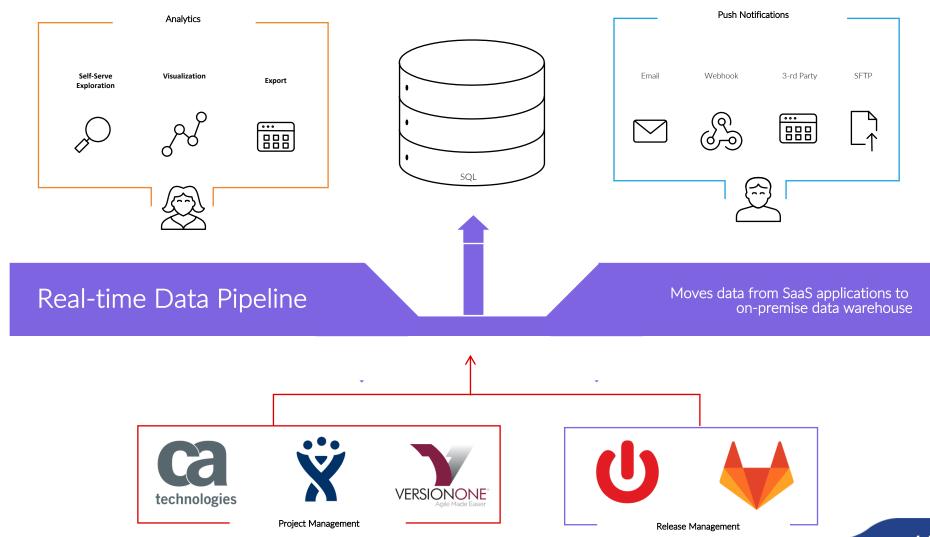
Tableau

Used for opinionated dashboards, trending

PowerBI

Used for data discovery and ad-hoc analytics

Solution – Elegant in its Simplicity



Lessons Learned

Learn from our mistakes.

Data pipeline (the "ETL" or transfer or data from CA PPM to your warehouse)

- <u>Security</u> is paramount, CSV files are a non-starter.
- Buy, don't build.
- Use cloud (Google, AWS, Azure) for data warehousing. Don't use MySQL or Oracle.

Data Visualization, Data Exploration

- Build iteratively, scale proven solutions.
- Tableau is amazing for executive dashboards and opinionated data sets.
- PowerBI is amazing at data discovery and ad-hoc analysis.
- Fail quickly.

TBD

rego University 2018

Let Rego be your guide.

Thank You For Attending regoUniversity

Instructions for PMI credits

- Access your account at pmi.org
- Click on Certifications
- Click on Maintain My Certification
- Click on Visit CCR's button under the Report PDU's
- Click on Report PDU's
- Click on Course or Training
- Class Name = regoUniversity
- Course Number = Session Number
- Date Started = Today's Date
- Date Completed = Today's Date
- Hours Completed = 1 PDU per hour of class time
- Training classes = Technical
- Click on I agree and Submit



Let us know how we can improve! Don't forget to fill out the class survey.



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