

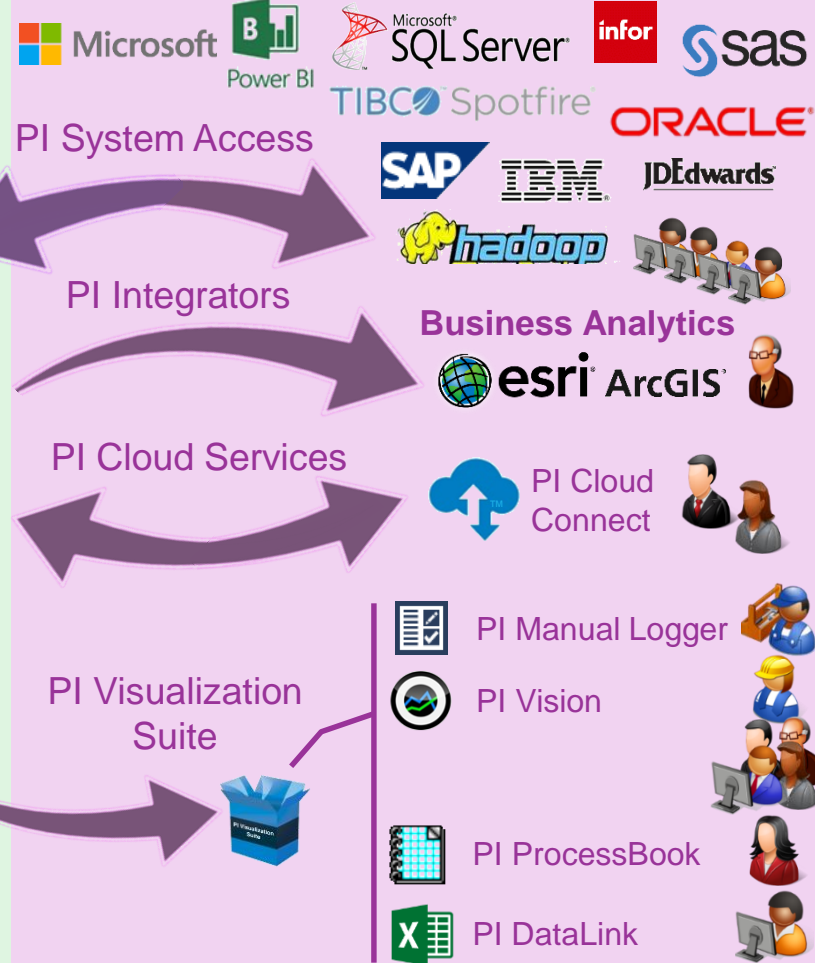
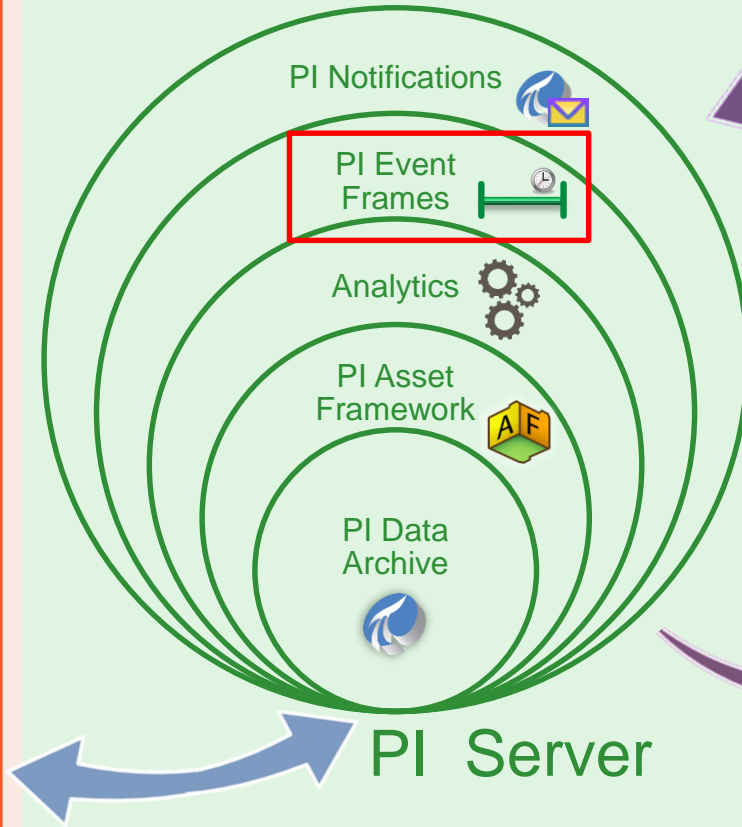
How PI Asset Framework & Event Frames Improve Business Impacts Customer Panel



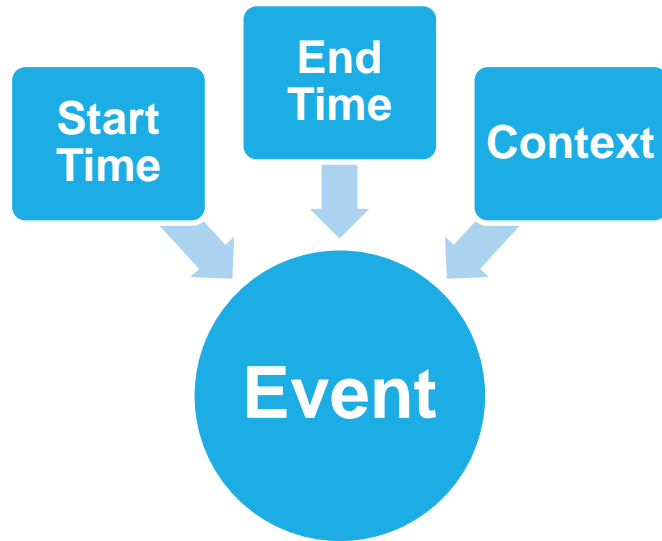
Mark Knox
October 25, 2017



PI System Infrastructure



PI Event Frames



Referenced Elements	Name
	OW-206
	OW-207

Name	Value
Category: General Info	
Comment	
Operator	Bobby Wolf
Phase	Dwell
Type	LOW TEMP
Category: Limits	
Temp.Limit.High	88 deg C
Temp.Limit.Low	70 deg C
Category: Manual Logger	
Comment	
Category: Process Parameters	
Level.Start	42.7438011169434 L
Temp.End	71.1539001464844 deg C
Temp.Max	71.1538998921712 deg C
Temp.Min	62.1662445068359 deg C
Temp.Range	8.98765538533529 deg C
Temp.Start	62.1662445068359 deg C

Asset(s)
associated to
the event

Text entries
useful for
filtering/group-
by analysis

Placeholders
for **manual
data entry**

**Calculated
data** using
event start &
end time
context

PI DataLink and Event Frame Data

Search Start
Search End

*-2d
*-1d

Unit Filter
Product Filter

RX*
*

Procedure Filter

*

Wellness Rx Batch Analysis

01:01:00
01:01:00
01:01:01
00:00:00

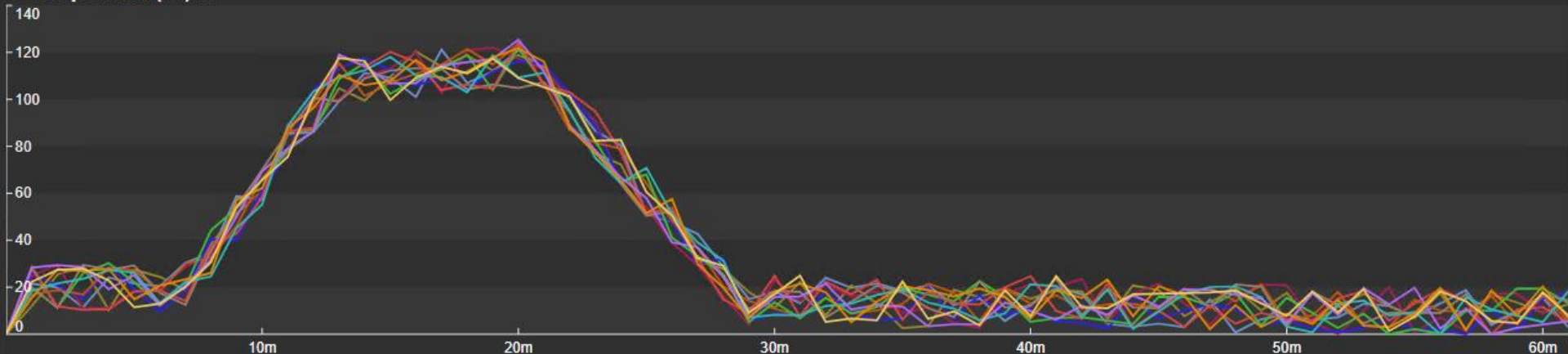
minimum	193.12	53.63	2038.00	35.57
average	196.98	87.60	7744.73	37.29
maximum	201.77	167.04	14538.00	38.91
stdev	2.61	31.90	4768.08	0.78

Calc Mode maximum range maximum average

Event name	Primary elemer	Product	Procedure	Start time	End time	Duration
WN:CHEM:RX300:20171022 10:09	RX300	Prod B	LONG	22-Oct-17 10:09:31	22-Oct-17 11:10:31	0 1:01:00
WN:CHEM:RX400:20171022 10:12	RX400	Prod E	SHORT	22-Oct-17 10:12:31	22-Oct-17 11:13:31	0 1:01:00
WN:CHEM:RX200:20171022 10:42	RX200	Prod B	LONG	22-Oct-17 10:42:31	22-Oct-17 11:43:31	0 1:01:00
WN:CHEM:RX100:20171022 10:57	RX100	Prod A	LONG	22-Oct-17 10:57:31	22-Oct-17 11:58:31	0 1:01:00
WN:CHEM:RX300:20171022 11:24	RX300	Prod B	LONG	22-Oct-17 11:24:31	22-Oct-17 12:25:31	0 1:01:00
WN:CHEM:RX400:20171022 11:30	RX400	Prod E	SHORT	22-Oct-17 11:30:31	22-Oct-17 12:31:31	0 1:01:00
WN:CHEM:RX200:20171022 11:55	RX200	Prod B	LONG	22-Oct-17 11:55:31	22-Oct-17 12:56:31	0 1:01:00
WN:CHEM:RX100:20171022 12:08	RX100	Prod A	LONG	22-Oct-17 12:08:31	22-Oct-17 13:09:31	0 1:01:00
WN:CHEM:RX300:20171022 12:39	RX300	Prod B	LONG	22-Oct-17 12:39:31	22-Oct-17 13:40:31	0 1:01:00
WN:CHEM:RX400:20171022 12:48	RX400	Prod E	SHORT	22-Oct-17 12:48:31	22-Oct-17 13:49:31	0 1:01:00
WN:CHEM:RX200:20171022 13:08	RX200	Prod B	LONG	22-Oct-17 13:08:31	22-Oct-17 14:09:31	0 1:01:00
WN:CHEM:RX100:20171022 13:19	RX100	Prod A	LONG	22-Oct-17 13:19:31	22-Oct-17 14:20:31	0 1:01:00
WN:CHEM:RX300:20171022 13:54	RX300	Prod B	LONG	22-Oct-17 13:54:31	22-Oct-17 14:55:32	0 1:01:01
WN:CHEM:RX400:20171022 14:06	RX400	Prod E	SHORT	22-Oct-17 14:06:31	22-Oct-17 15:07:31	0 1:01:00
WN:CHEM:RX200:20171022 14:21	RX200	Prod B	LONG	22-Oct-17 14:21:31	22-Oct-17 15:22:31	0 1:01:00
WN:CHEM:RX100:20171022 14:30	RX100	Prod A	LONG	22-Oct-17 14:30:31	22-Oct-17 15:31:31	0 1:01:00
WN:CHEM:RX300:20171022 15:09	RX300	Prod B	LONG	22-Oct-17 15:09:31	22-Oct-17 16:10:31	0 1:01:00
WN:CHEM:RX400:20171022 15:24	RX400	Prod E	SHORT	22-Oct-17 15:24:31	22-Oct-17 16:25:31	0 1:01:00
WN:CHEM:RX200:20171022 15:34	RX200	Prod B	LONG	22-Oct-17 15:34:31	22-Oct-17 16:35:31	0 1:01:00
WN:CHEM:RX100:20171022 15:41	RX100	Prod A	LONG	22-Oct-17 15:41:31	22-Oct-17 16:42:31	0 1:01:00
WN:CHEM:RX300:20171022 16:24	RX300	Prod B	LONG	22-Oct-17 16:24:31	22-Oct-17 17:25:31	0 1:01:00
WN:CHEM:RX400:20171022 16:42	RX400	Prod E	SHORT	22-Oct-17 16:42:31	22-Oct-17 17:43:31	0 1:01:00
WN:CHEM:RX300:20171022 16:47	RX300	Prod B	LONG	22-Oct-17 16:47:31	22-Oct-17 17:48:31	0 1:01:00

rpm	g/L	L	°C
Agitation	Concentration	Volume	Temperature
195.04	57.00	14538.00	36.97
201.42	80.52	10846.00	38.39
198.71	78.63	4500.00	36.95
193.16	73.78	2058.00	37.10
195.90	59.20	13500.00	36.74
200.17	81.38	13038.00	35.97
199.54	84.33	4269.00	36.65
195.63	71.64	2058.00	38.91
195.92	58.12	11423.00	36.95
201.01	83.62	12462.00	37.93
196.18	82.59	3885.00	37.58
193.49	75.00	2058.00	35.57
194.33	106.91	10615.00	36.49
200.81	85.37	12000.00	37.68
194.94	136.81	4038.00	36.48
195.95	70.48	2038.00	37.24
196.53	56.65	12115.00	36.69
199.87	167.04	10962.00	38.14
197.90	80.10	4538.00	38.36
194.97	68.80	2058.00	37.74
193.24	53.63	11769.00	37.16
199.97	164.61	12577.00	36.47
196.78	78.81	4182.00	37.89

Temperature (°C) ×



WN:CHEM:RX200:20160720 6:52 (Prod A)

Material Add 1

Agitate 1

Material Add 2

Agitate 2

Heat

Dwell

Agitate 3

Cool

Edit Search Criteria

Questions

Please wait for the
microphone before asking
your questions



State your
name & company

Please remember to...

Complete the
Post-Event Survey



감사합니다

谢谢

Danke

Merci

Gracias

Thank You

ありがとう

Спасибо

Obrigado

