

Food and Beverage Industry Day

Presented by:
Kevin Geneva, OSIsoft



Agenda for the day

| Time | Speaker(s) | Session Description |
|---------------|--|--|
| 9:00 – 9:15 | OSIsoft – Kevin Geneva | Welcome and Introduction |
| 9:15 – 10:00 | Lonza – Isabelle Lacaille, Tobias Merz | PIVOT: Productivity Improvement with operational Technology |
| 10:15 – 11:00 | Actemium – Laurens Marijns | Mobile App powered by NFC and the OSIsoft PI System |
| 11:15 – 12:00 | Avebe – Jan Spijkerman, Justin Lambeck | Transformation to a data driven organization |

Life Sciences Users Group Meeting

TODAY: 16:00 – 17:30



<https://pisquare.osisoft.com/groups/life-sciences>

<https://pisquare.osisoft.com/groups/fandb>

Can't make the event - notes, presentations, and more
posted on the PI Square groups.

Have questions?

Join at
Slido.com
#LSPUG

LIVE: Ask questions, get answers, vote on ideas!



"Connecting and Empowering PI System Users Worldwide"

Connect with all of OSIssoft - product managers, developers, support, industry experts, learning, leadership

- 41,000 Users Worldwide
- Join one of 16 user groups and collaborate with others in your industry
- Online course discussions
- Industry Asset Based Example Kits
- Ask questions, get answers
- Open to everyone
- It's all free

<https://pisquare.osisoft.com/groups/fandb>

PARTNER & PRODUCT EXPO

Wednesday: Expo Hours 8:30-17:30



OSIsoft®

FUSION

Wednesday

18:30 – 22:30

.....
**Follow the human arrows across
the street, starting at 18:20**
.....



In the Pressure Cooker



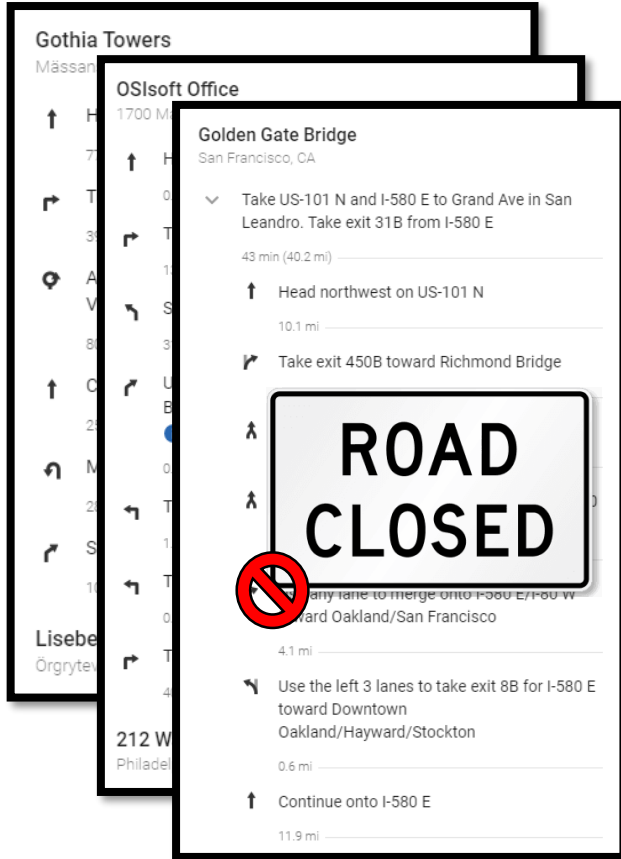
Maintenance means more to Food and Beverage



5.Net Volume DC.SJ.PUE TI-102 DC.Zero DY-108 trigger GE05_Energy C1:14AT5 AC03.Air Flow
GE04_OS Asset1 Problem DC.SJ.C1.Z3.R3.PDU1.PF GE01_A_DT AC09.Power FeedBin.Cmt Boiler Cold Reheat Pressure
s QI-122 FI-151 40351195_Wind Speed TLoad.PR FT9001 Anacortes Refinery Alkylarion Asset B737 FG117 DC.TimeLoad
02F102.1HR AVG BGT001 AQUA2-S1005.PV GE02_Energy 4-36 NetVolume AC04.Air Flow FI-101 bf5e1dd1-39c9- D-110.Tank Pressure.PV
PI-111 facility_output 0_ENG_MODE_STS TI-178 B352_W778 0_CMP_SVLV_PCT 02F104 CD:F161 02F100 fasttag 02:F101.C DC.Zero DY-108 trigger GE05_Energy C1:14AT5 AC03.Air Flow
ALARM TEST Input.Float32.1 364511575-AC Power GE01_DT 409510395_Wind Speed QI-109 GE04_DT QI-121 GE03_V_WIN
TI-101 bf5e1dd1-39c9-4b5b-d3d3-c2ce05fa3a26 GE01_DT Cooling Fan-711.Feed Rate GE01_DT 409510395_Wind Speed QI-109 GE04_DT QI-121 GE03_V_WIN
BGE003 FI-111 02T100 AF_FLOW3 02:T103 AT401 AQUA2-S1005.PV GE02_Energy 0_ENG_MODE_STS GE01_DT Cooling Fan-711.Feed Rate GE01_DT 409510395_Wind Speed QI-109 GE04_DT QI-121 GE03_V_WIN
ACEDemo.Unit1.Output TI-178 B352_W778 0_CMP_SVLV_PCT DC.Z1R 0_CMP_HDR GE01_DT Cooling Fan-711.Feed Rate GE01_DT 409510395_Wind Speed QI-109 GE04_DT QI-121 GE03_V_WIN
02F104 CD:F161 80-13.Net 1-13.Net Volume DY-131 DC.SJ.PUE fic1001.C GE02_OT FI-101 bf5e1dd1-39c9-4b5b-d3d3-c2ce05fa3a26 DC.Z1R 0_CMP_HDR GE01_DT Cooling Fan-711.Feed Rate GE01_DT 409510395_Wind Speed QI-109 GE04_DT QI-121 GE03_V_WIN
94:BW.R TI-101 F723_E889 369512185-Temp Compressor-439.Feed Rate fic1001.C GE02_OT FI-101 bf5e1dd1-39c9-4b5b-d3d3-c2ce05fa3a26 DC.Z1R 0_CMP_HDR GE01_DT Cooling Fan-711.Feed Rate GE01_DT 409510395_Wind Speed QI-109 GE04_DT QI-121 GE03_V_WIN
DC.CH.DCE FIC-172:210 GE01_DT FI-121 AF_FLOW3 0_ENG_MODE_STS 0 CLR_FINAL_OUT_B TWP 335511775_Clear Sky Global Horiz GE01_DT 409510395_Wind Speed QI-109 GE04_DT QI-121 GE03_V_WIN
DY-131:166 GE01_TD Boiler-334.Feed Rate FI-101 Volume fic1001.C FR5001 FT9001 TI-145 fasttag FR2001 TI-178 GE04_OS
02F102.1HR BGE003 FI-111 02T100 AVG AF_FLOW3 02:T103 ACEDemo.Unit1.Output TI-178 B352_W778 0_CMP_SVLV_PCT 02F104 CD:F161 02F100 fasttag 02:F101.C DC.Zero DY-108 trigger GE05_Energy C1:14AT5 AC03.Air Flow
PI-111 facility_output AT401 02F104 CD:F161 02F100 fasttag 02:F101.C DC.Zero DY-108 trigger GE05_Energy C1:14AT5 AC03.Air Flow
FIC-144 GE04_Status 02F100 fasttag 02:F101.C DC.Zero DY-108 trigger GE05_Energy C1:14AT5 AC03.Air Flow
AQUA2-S1005.PV GE02_Energy 0_ENG_MODE_STS FI-151 02T103.Q TI-178 0_CMP_SVLV_PCT 02F104 CD:F161 02F100 fasttag 02:F101.C DC.Zero DY-108 trigger GE05_Energy C1:14AT5 AC03.Air Flow
DC.Z1R 0_CMP_HDR GE01_DT Cooling Fan-711.Feed Rate GE01_DT 409510395_Wind Speed QI-109 GE04_DT QI-121 GE03_V_WIN
FI-111 AF_NOISE PI-115 DY-101 02F100 fasttag 02:F101.C DC.Zero DY-108 trigger GE05_Energy C1:14AT5 AC03.Air Flow

Draft Pressure: -0.5 WC
Temp: 36 F
Oxygen: 2.5%
Outlet Temp: 840 F
Agitator: 64 rpm

Point Solution < Data Infrastructure



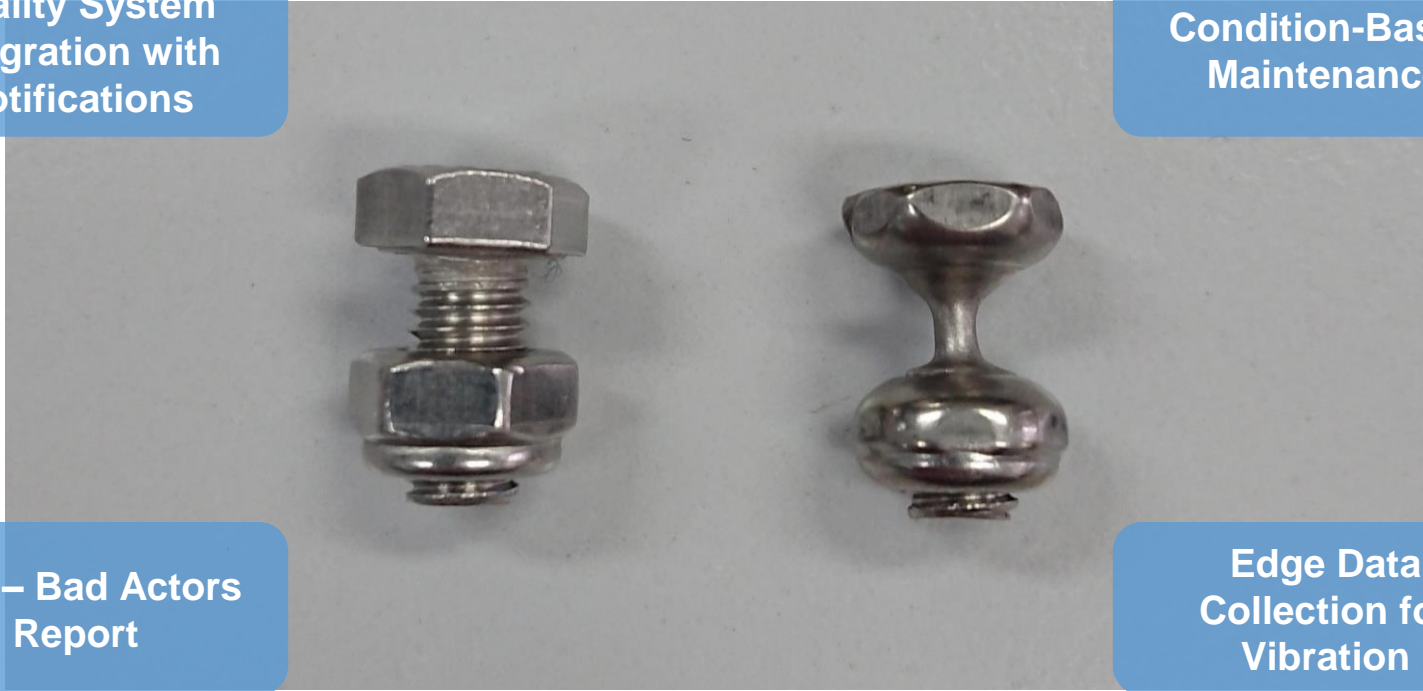
The PI System empowers people to solve problems

Quality System
Integration with
Notifications

Condition-Based
Maintenance

OEE – Bad Actors
Report

Edge Data
Collection for
Vibration



Business Outcomes Enabled by The PI System



Process Productivity

Change overs

Distributed Supply
Chains

Batch Management

Operational Agility



Quality/Safety

Regulatory Compliance

CMA and CPP
influence

QMS /Corrective Action
Predicted Quality



Energy Efficiency

Manage environmental
impact

Sustainability initiatives

Reduce Utility
Consumption



Asset Health

Overall Equipment
Effectiveness

CMS Integration with
real-time data

Condition based and
predictive maintenance

Customer Use Cases: Summary



Process Productivity

DESCHUTES
BREWERY.

HERSHEY'S


Irish Distillers
Pernod Ricard



Quality Tracking


Tyson

 **Abbott**



Energy Efficiency

 **Heineken**

Kellogg's



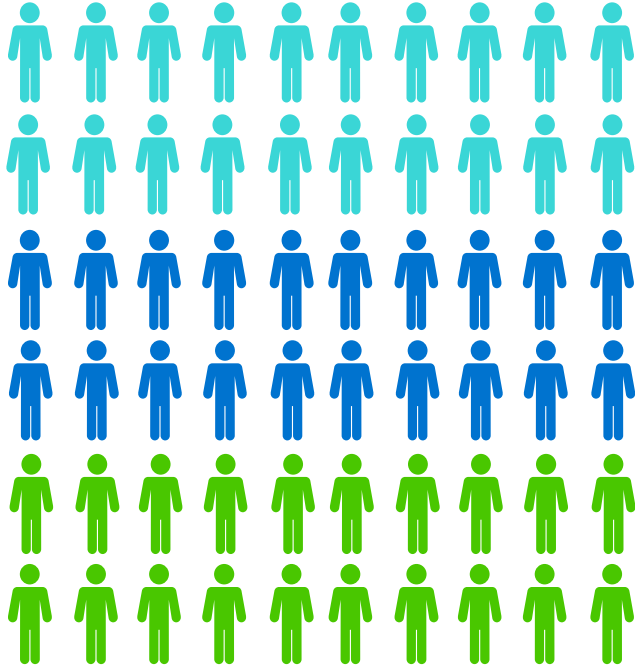
Asset Health

TATE & LYLE


ADM

Transform data into decision ready information

Empower People to Drive Results



We believe that
people with data will
transform their world

Contact information



- Kevin Geneva
- Technical Advisor
- OSIsoft, Philadelphia, USA
- kgeneva@osisoft.com



- Anna Bidot
- Systems Engineer
- OSIsoft, London, UK
- abidot@osisoft.com

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