



Process Industries Track

Gary Wong & Martin Provencher



Agenda

- Welcome to Day 2
- Summary for the Day

Day 1 Recap

- Industrial Digital Transformation
- Industry 4.0
- Mark Jeffries, The Art of Business Influence
- Hackathon

Barrick Gold & Petasense

Tara Rana & Abhinav Khushraj

Optimizing Predictive Maintenance at Barrick Gold by Integrating Asset Data and Process Data

- *Single interface for Reliability Engineers.*
- *Enables creation of Predictive Models*
- *All fixed plant data to a single place, the PI System*

Barrick Gold

One of the world's largest gold producers

- HQ in Toronto, ON, Canada.
- Global company with a focus on the Americas
- 75%+ of our gold production comes from the Americas region
- Additional mining operations and projects in Australia, Chile, Papua New Guinea, Saudi Arabia, and Zambia
- 64.4 million ounces – Barrick gold reserves

OSisoft
PIWorld

#PIWorld

Southern Water

Simon Coombs & James Waterland

Driving Performance : Building from a Legacy PI System to the Full Power of OSIsoft Solutions

- *Journey from data to actionable insights.*
- *From manual, intense data manipulation to improved operations.*

About Southern Water

One of the UK's largest water and wastewater companies,
Supplying over 500 million litres of drinking water every day

83 water treatment works
13,837 km of water mains

365 sewerage treatment works
2,375 sewerage pumping stations
39,600 km of sewers

Operational supply area
of 10,530 km²

Southern Water

OSiSoft
PI World BARCELONA 2018

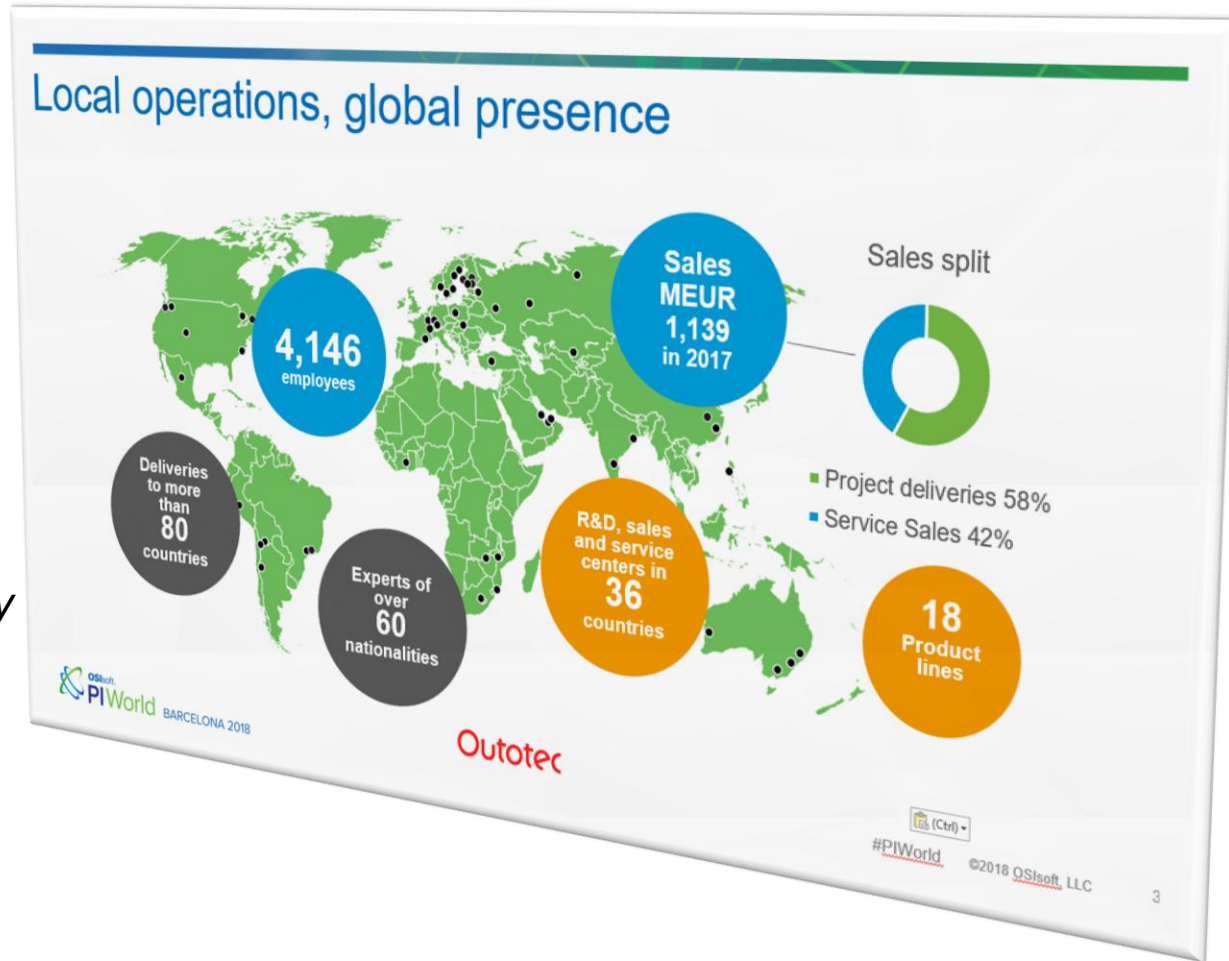
#PIWorld ©2018 OSiSoft, LLC 3

Outotec

Mikko Paakkolanvaara

PI System As A Core Of Outotec's Remote Services

- *Advanced analytics to improve remote services.*
- *Fast deployment of service.*
- *Faster response and recovery times.*

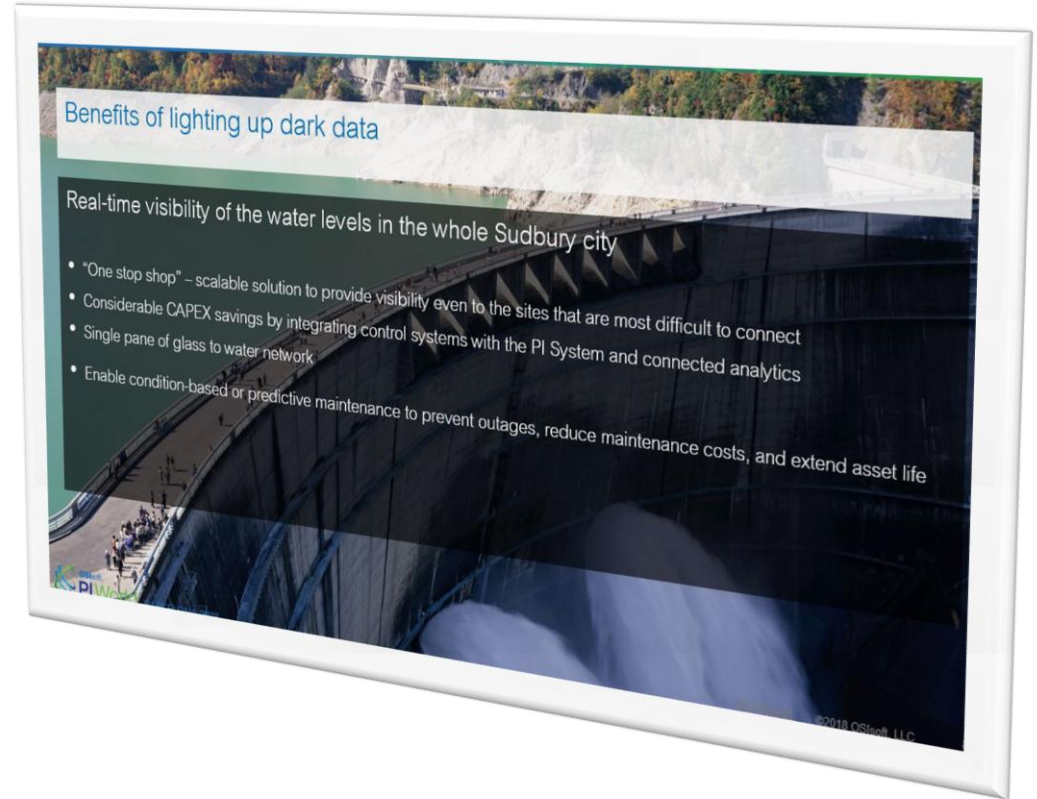


City of Greater Sudbury, Nokia & Agilis Networks

David Letterman

Fast-Track Lighting up your dark data with OSIsoft and Nokia

- *40+ sites with lack of data and communications.*
- *Finding leaks.*
- *Fast implementation.*



Anglo American Platinum (AMPLATS)

World's leading primary producer of Precious Group Metals
Supplying ~37% of the world's newly refined Platinum.

Process Division:

- 3 Mines
- 15 Concentrators*
- 3 Smelters
- 1 Converter
- 2 Refineries
- 9 geographic operational areas



Anglo American Platinum

Warren Armstrong

Event Frames – A Novel Approach At Anglo American Platinum to Enable Life Cycle Management

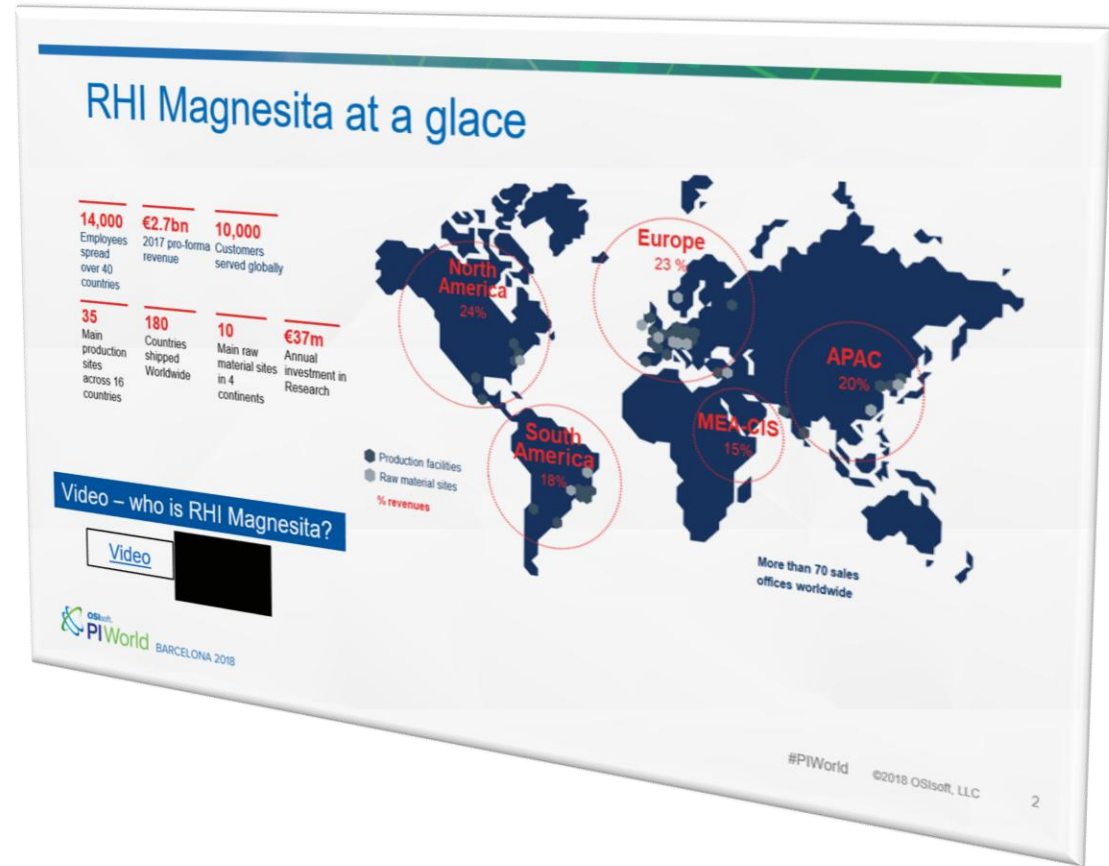
- *Monitoring of ingot casting, cooling and equipment availability.*
- *Event Frames used as the data store.*
- *A web application based on Asset Framework.*

RHI Magnesita & VRVis

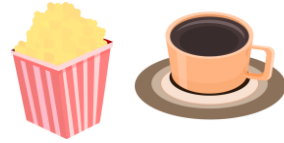
Thomas Reiterer & Harald Piringer

Boosting Process Analytics at RHI Magnesita - PI System and Visual Computing

- *Analysis required from 500 main equipment in 25 plants connected to PI.*
- *Visual Computing to speed up analysis.*
- *Process stability and optimization.*



Process Industries Meeting



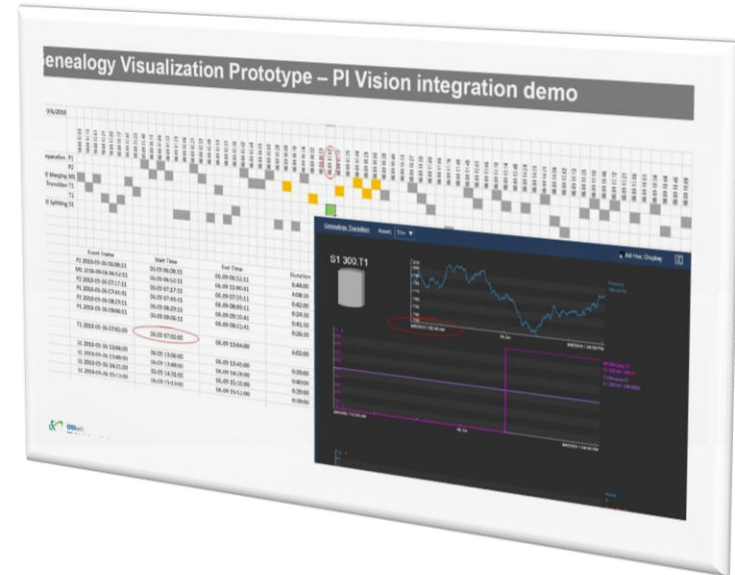
- Glenn Khurkoff
- Caterpillar, Business Development Manager
- glenn.kerkhoff@cat.com



- Silverio Cavazos
- OSIsoft, Industry Champion
- scavazos@osisoft.com



- Tadeas Marciniak
- OSIsoft, Industry Champion
- tadeas@osisoft.com



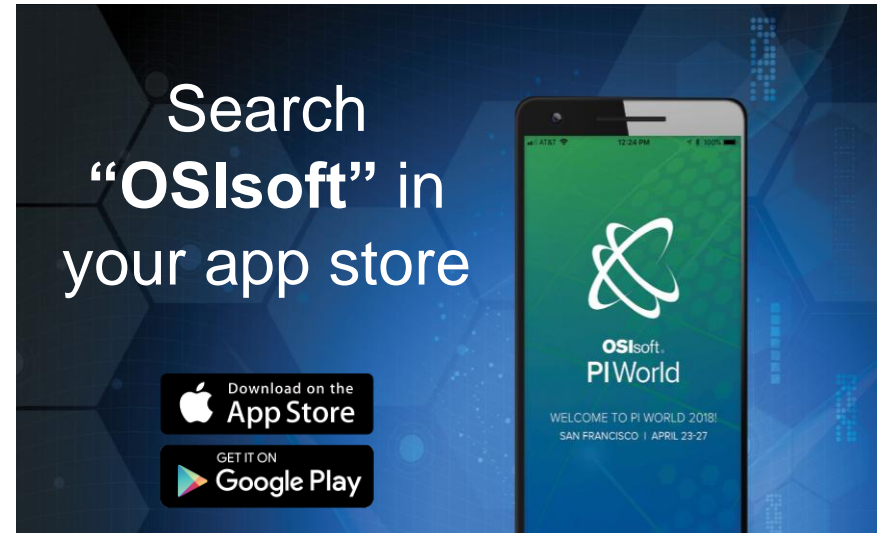
Questions?

Please wait for
the **microphone**



State your
name & company

Please rate this session in the mobile app!



謝謝 KEA LEBOHA
 TAPADH LEIBH 고맙습니다
 БАЯРЛАЛАА MISAOTRA ANAO
 DZIĘKUJĘ CI NGIYABONGA TEŞEKKÜR EDERIM GRACIES OBRIGADO شكرا SALAMAT
 DANKON TANK TAPADH LEAT SALAMAT
 KÖSZÖNÖM DANKIE TERIMA KASIH GRACIES
 СПАСИБО
 ПАКМЕТ СІЗГЕ
 GO RAIBH MAITH AGAT
 БЛАГОДАРЯ GRACIAS MAHADSANID
 ТИ БЛАГОДАРАМ
 TAK DANKE MAHADSANID
 RAHMAT MERCI
 HATUR NUHUN
 GRAZZI ПАККА ПЕР PAXMAT САГА
 CẢM ƠN BẠN
 WAZVIITA
 FALEMINDERIT
 ありがとうございました
 SIPAS JI WERE TERIMA KASIH
 UA TSAUG RAU KOJ
 ТИ БЛАГОДАРАМ СИПОС
 MULȚUMESC
 HVALA FAAFETAI
 ESKERRIK ASKO
 HVALA ХВАЛА ВАМ
 TEŞEKKÜR EDERIM
 GRAZIE
 DI OU MÈSI
 ĎAKUJEM
 MATUR NUWUN



OSIsoft.

PIWorld

THANK YOU