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OSIsoft®

USERS CONFERENCE 2016

April 4-8, 2016 | San Francisco

TRANSFORM
YOUR WORLD



Welcome to the Oil & Gas and HPI Industry Track- Value Transformation

Cindy Crow Global Industry Principal
Wednesday April 6, 2016

Agenda

- Introduction to Industry Principals
- Customer Presentations Overview
- Industry Trends
- Customer Presentations
- Discussion Panel; A Transformational Journey

Oil and Gas - Industry Principals



Cindy Crow



Russell Herbert



Craig Harclerode

Speakers and Topics

9:15	10:15	Delivering Business Value in Downstream O&G with Predictive Analytics and Machine Learning with PI AF and Microsoft Azure Machine Learning	MOL
10:30	11:00	Improving the PI System at Chevron with PI AF and PI Web API	Chevron Brazil
11:15	12:00	Journey to Operational Excellence through Reliability 3.0	Columbia Pipeline Group
2:00	2:30	Unification of Process Data – the Chevron SJV Story	Chevron
2:45	3:15	Leveraging the PI AF as a Foundational for a Portfolio of Analytical Methods in O&G	OSIsoft
3:30	4:15	Panel Discussion; Infrastructure to Analytics a Transformational Journey	Chevron, CSE Icon, Element Analytics and Devon Energy
4:15	4:45	Wrap-up	

Investment Drivers for Transformation*



45% Improve Safety



44% Improve Operational Efficiency



43% Reduce Costs



29% Access New Reserves/Channels

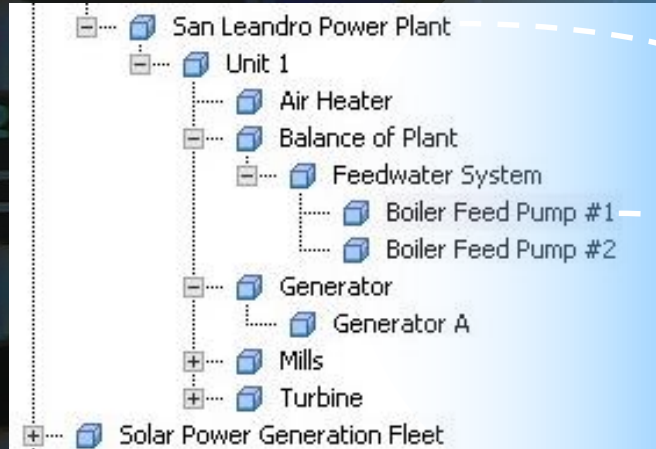


27% Increase Asset Lifespan

58%
*of those surveyed
agree that many
future breakthroughs
will involve bits and
bytes, rather than
physical hardware.*

Convergence to Support Business and Operational Intelligence

Chart of Operations



OT

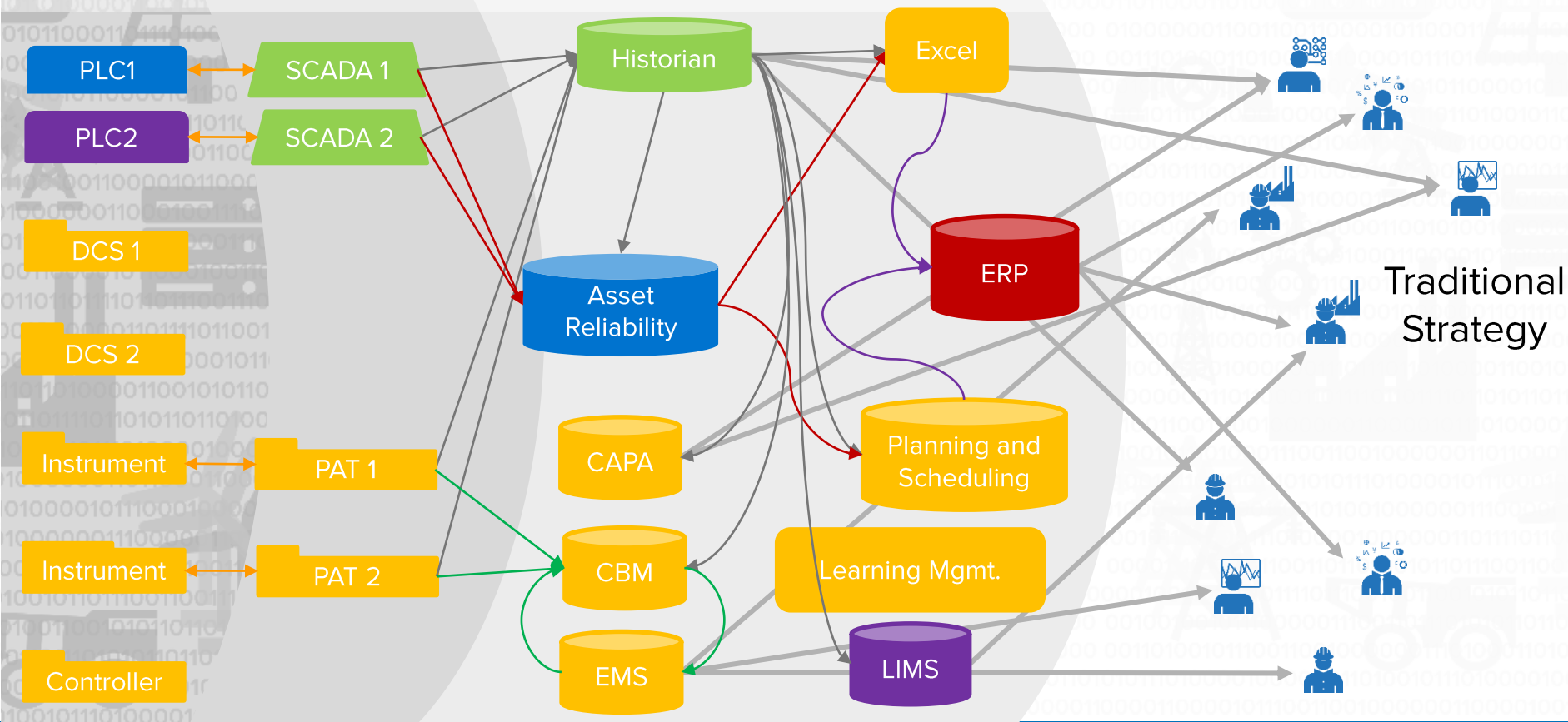
IT

Enterprise Intelligence
Visualization
Analytics
Reports

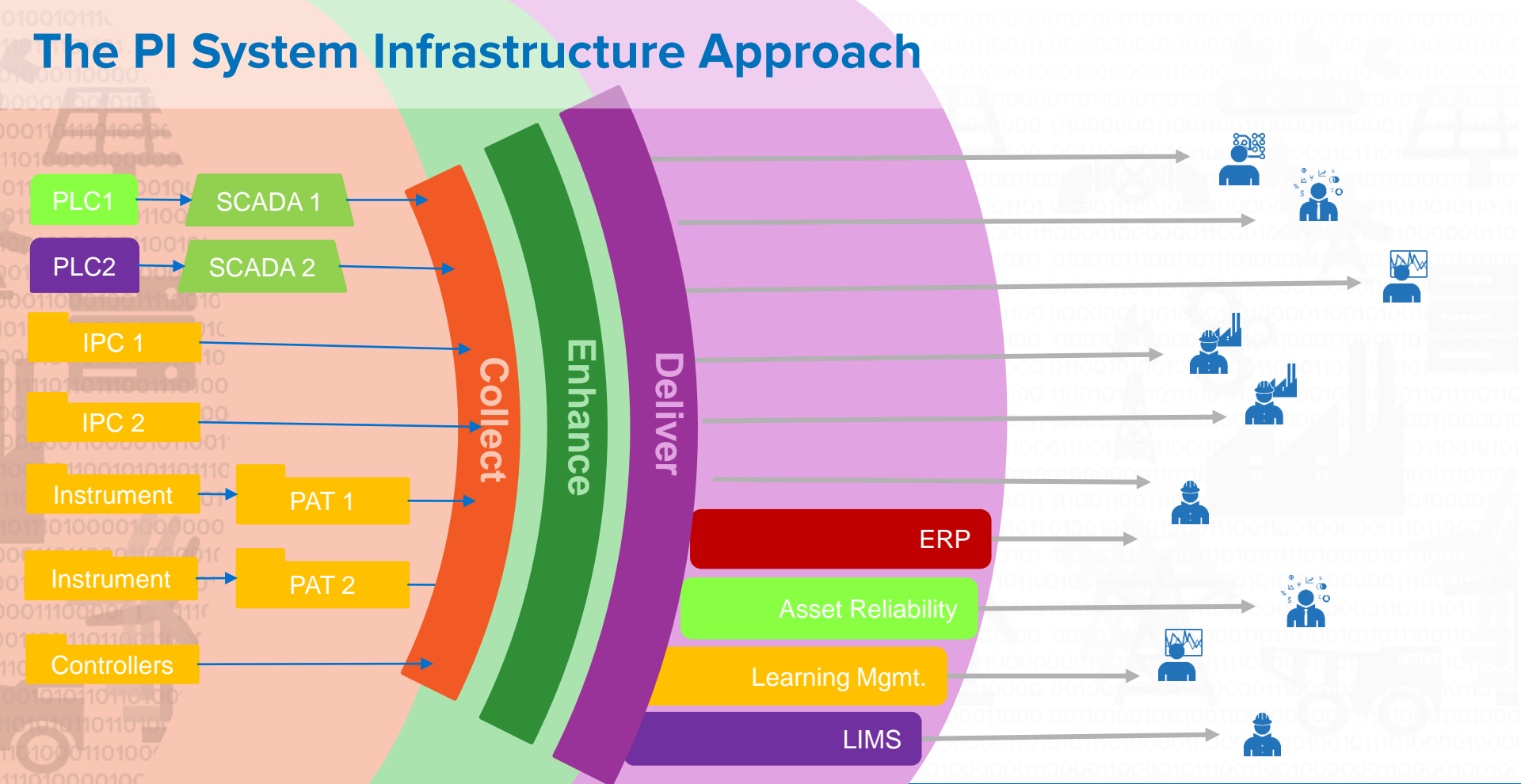
Chart of Accounts

Account Name	Code	Financial Statement	Group
Plant	730	Balance sheet	Long Term Asset
Plant depreciation	740	Balance sheet	Long Term Asset
Equipment	750	Balance sheet	Long Term Asset
Equipment depreciation	760	Balance sheet	Long Term Asset
...			

The Challenge: Silos to Standards / Complexity to Simplicity



The PI System Infrastructure Approach



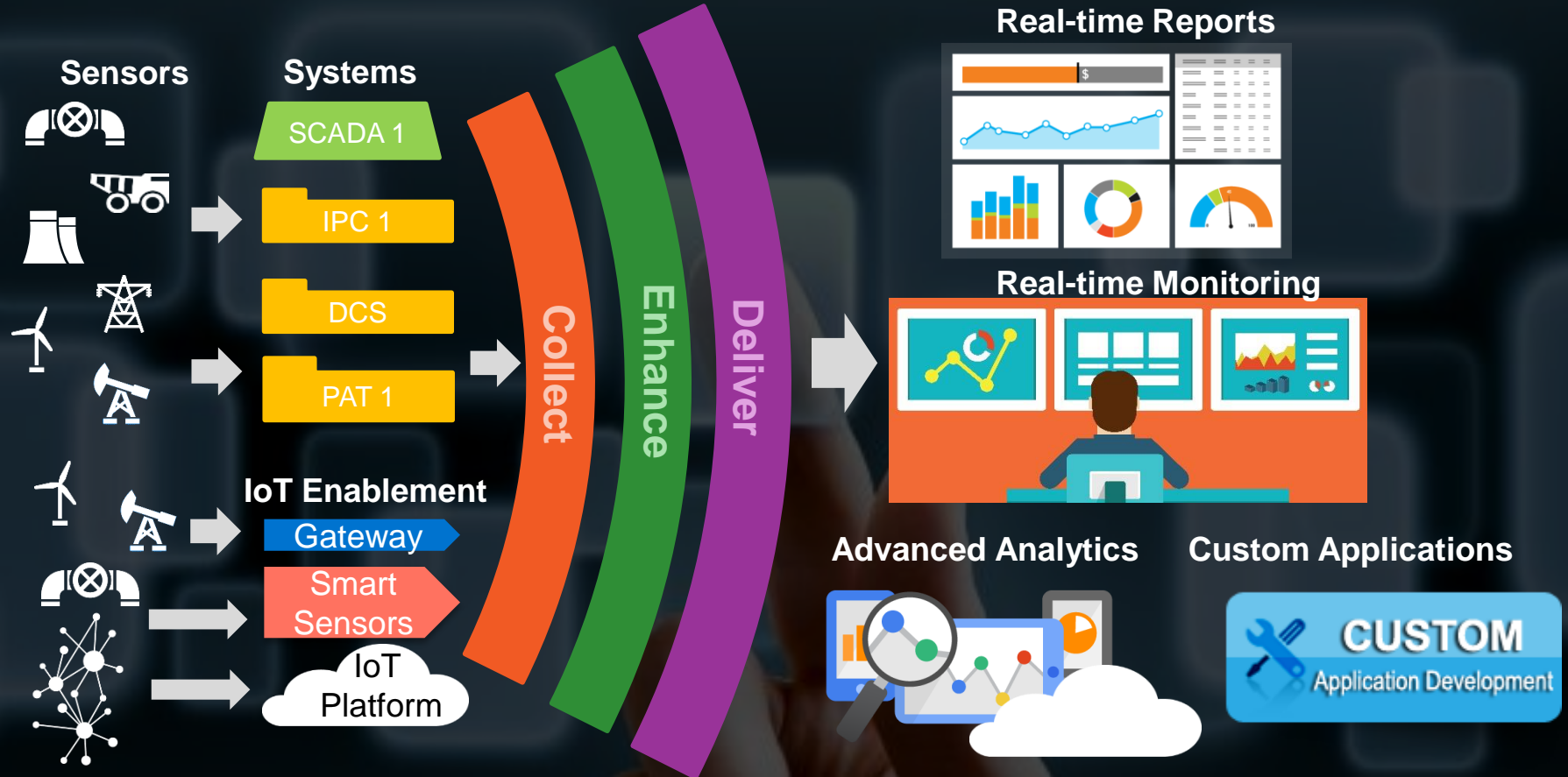
PI System 2016: Decision Support to Advanced Analytics



PI System 2016: Enabling IoT at the Edge



PI System 2016: Supporting IoT Silos Created by IoT Platforms



Cloud Enablement

Critical Infrastructure



Enabling Best of Breed Community Ecosystem

Marketplace Applications

Community Apps



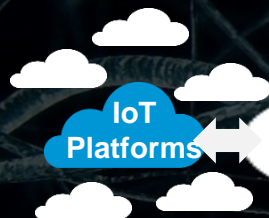
Rockwell Automation

ELEMENT ANALYTICS

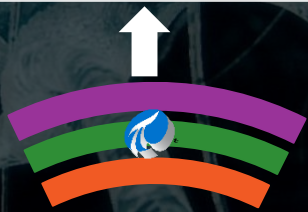
EMERSON

Schneider Electric

Cloud Enablement

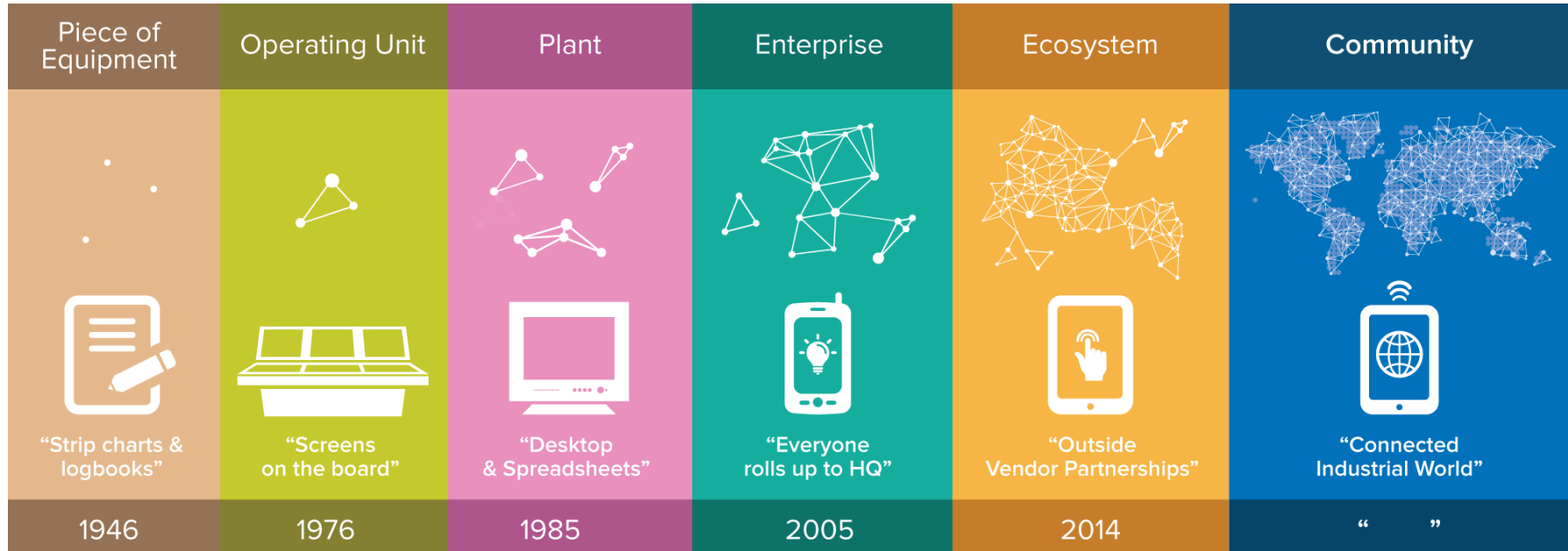


Critical Infrastructure



Vision:

The Journey to a Community



Our Starting Point - OSIsoft Value Themes



Oil & Gas PI User Group

Join to discuss best practices, white papers, share news, and exchange ideas.

Objectives:

- Identify Best Practices
- Share knowledge and ideas across our industry
- Foster communication with OSIsoft regarding Industry needs

Customer run,
customer led,
OSIsoft assisted

This is NOT an avenue for sales presentations or marketing

Want to opt in?

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

Or contact jsirois@osisoft.com



Have questions?

- jsirois@osisoft.com
- ccrow@osisoft.com
- Visit the PI Square Booth



Questions

Please wait for the **microphone** before asking your questions

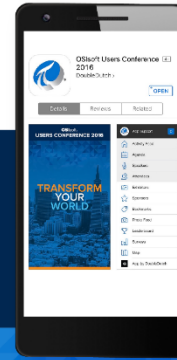


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감사합니다

谢谢

Danke

Gracias

Merci

Thank You

ありがとう

Köszönöm

Спасибо

Obrigado

The background of the entire image is a dark blue gradient. On the left side, there is a faint, stylized image of the San Francisco Bay Bridge. On the right side, there is a faint silhouette of the San Francisco skyline, including the Transamerica Pyramid. The OSIsoft logo is positioned at the top center.

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