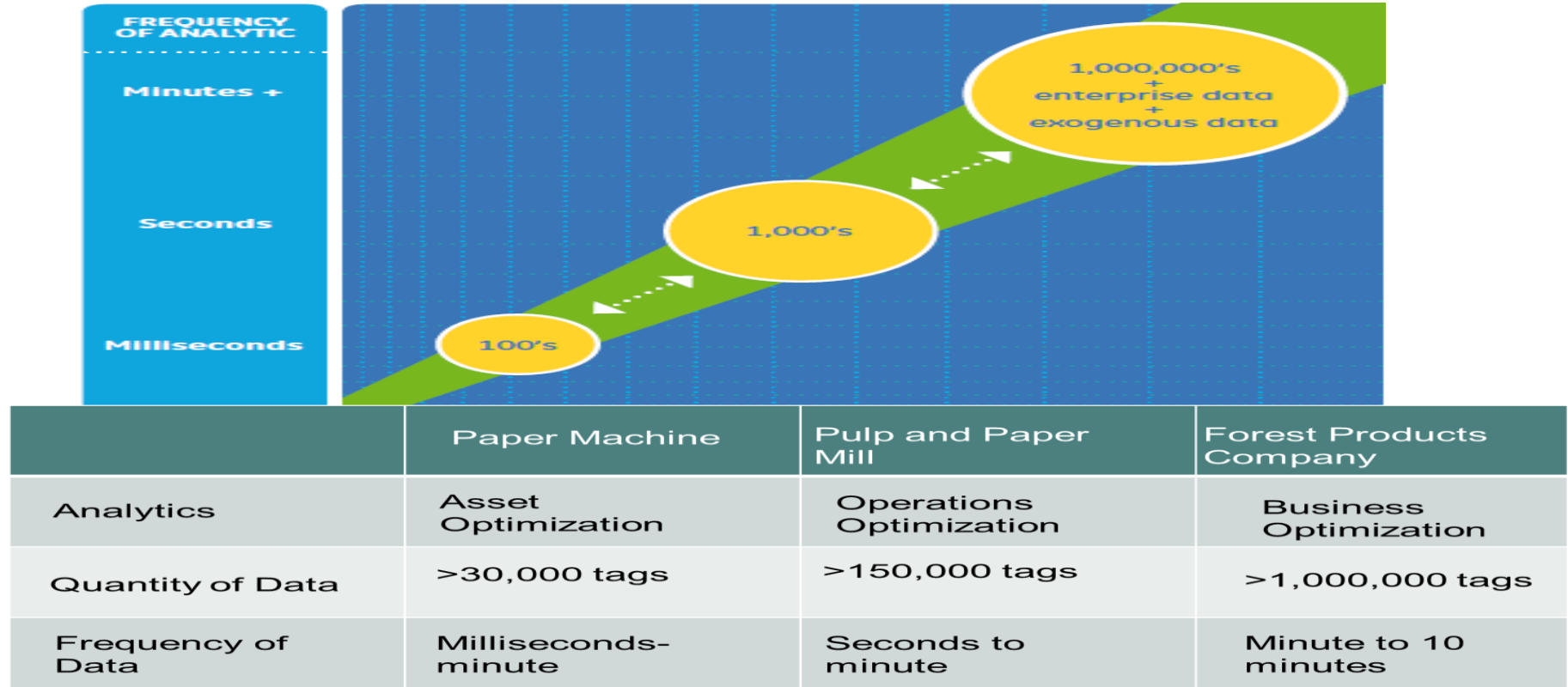# Paper Trails- The Road to Operational Excellence

Presented by Jim Black, Ph.D.
Industry Principal- Global Forest Products Sector
OSIsoft

The 'MILL' in the Age of BIG DATA

	Paper Machine	Pulp and Paper Mill	Forest Products Company
Analytics	Asset Optimization	Operations Optimization	Business Optimization
Quantity of Data	>30,000 tags	>150,000 tags	>1,000,000 tags
Frequency of Data	Milliseconds-minute	Seconds to minute	Minute to 10 minutes

Many Roads to Operational Excellence...

Who is sharing the road they are traveling?

Paper Trails- Road to Operational Excellence
Agenda- Morning

- Reducing Energy and Water Usage at Verso's Androscoggin Mill – Frank Card and John Hume, Verso Jay

- Building the Case for Asset Framework at International Paper – Rick Smith, International Paper

- Center-lining and a Real-time Costing Application using the PI System – Brad Anderson and Jon Evans, Verso Luke

- Leveraging the Enterprise Agreement to Maximize Value from the PI System Infrastructure One Solution at a Time – Stuart Watson-Evergreen Packaging

- Creating value with Data Analysis and the PI System Infrastructure - Case of an Evaporation Plant – Thiago Raddatz – Klabin, Patrice Le Luel - IP Leanware

- LUNCH

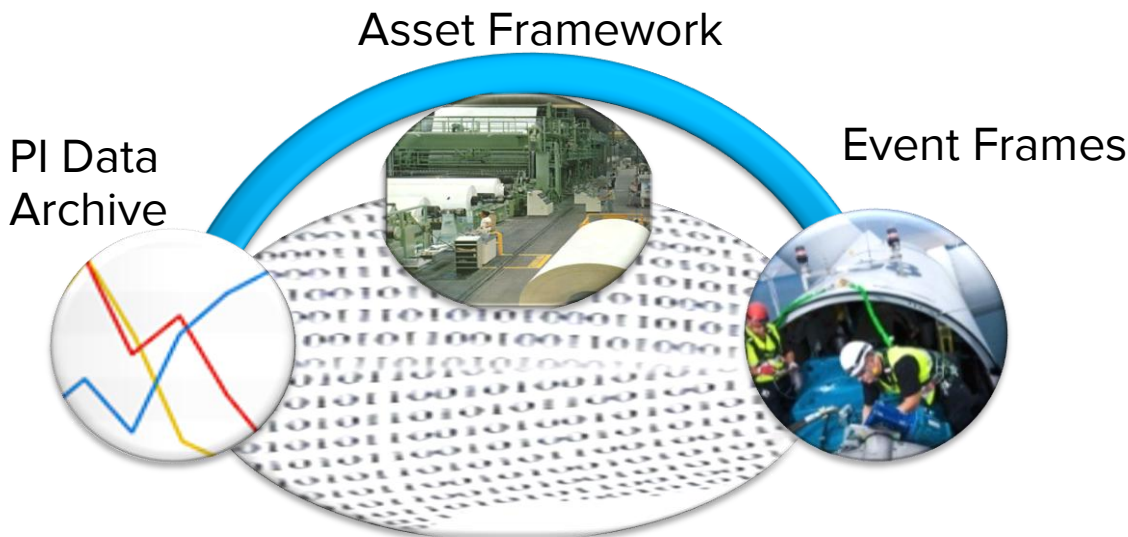# Paper Trails- Road to Operational Excellence
Agenda- Afternoon

- Exploring the Enterprise Agreement – Dianne Bricco-OSIsoft

- Using the PI System to Support Prediction and Advanced Control of Reel to Reel Paper Quality - Tim Michaelson-International Paper and Chris McCready -Umetrics

- What if Expedia Showed your Mills' Operations Data? – Gopal Gopalkrishnan-OSIsoft

- Incorporating Predictive Models for Operational Intelligence – Curt Hertler-OSIsoft

- Wrap UP..Jim

Common Story of Operational Excellence?

Its about Shaping and Contextualizing Operational data !

Asset Framework

PI Data Archive

Event Frames

Lets get started...

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Questions

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

State your
name & company