



PI Visualization Suite:

Information On The Spot

Presented by *Michael Wood*
Product Marketing Manager

Agenda for this webinar presentation

1. Data driven enterprises and the value of empowering more people to leverage PI system Data
2. PI Visualization Suite Components and Capabilities
3. Transforming your infrastructure with the PI Visualization Suite





Operational Insights Enterprise Wide



Data-driven Decisions

A recent study at MIT showed that organizations relying on data to make decisions performed at rates 4 - 6% higher than their peers*

[MIT Study](#)

**Erik Brynjolfsson,
MIT Professor*



Sharing Insights Across the Enterprise

Operational **insights** often identify critical business issues.



but is everyone able to **share and act on** their insights **quickly, easily** and **effectively**?



Collaboration Without Hurdles



Share business critical **insights**
that positively impact operational
efficiency and excellence

The **PI Visualization Suite**
empowers your enterprise by
making it easier to **collaborate**
across the entire business



What if you could provide PI System tools and data access to everyone simply and easily?

Engineers and operators



Maintenance and Asset Management teams



Executive and Management teams



Finance



Procurement



Different People Need Different Tools at Different Times



Some need tools for detailed **analysis**,
process **monitoring**, and ad hoc **exploration**

Others need tools to build heads up
displays, dashboards, and **KPIs**



Executives need data **in the office**
and **on the go**



While everyone needs to **build, share**, or **view** reports...
many want a **custom view** and the ability to **drill down**



A hand in a dark suit sleeve reaches out to touch one of many glowing, rectangular digital screens that are floating in a dark space. The screens display various types of data visualizations, including bar charts, line graphs, and photographs of people. The hand is positioned on the left side of the frame, and the screens are scattered across the center and right, creating a sense of depth and interaction.

Any Data, Anytime, Anywhere

The **PI Visualization Suite**
puts **every** PI Client tool at
your fingertips

so you can choose the
right tool to meet the
diversity and insight needs
of your organization



Empowering Innovation

What happens when everyone has **easy access** to the **same data**?



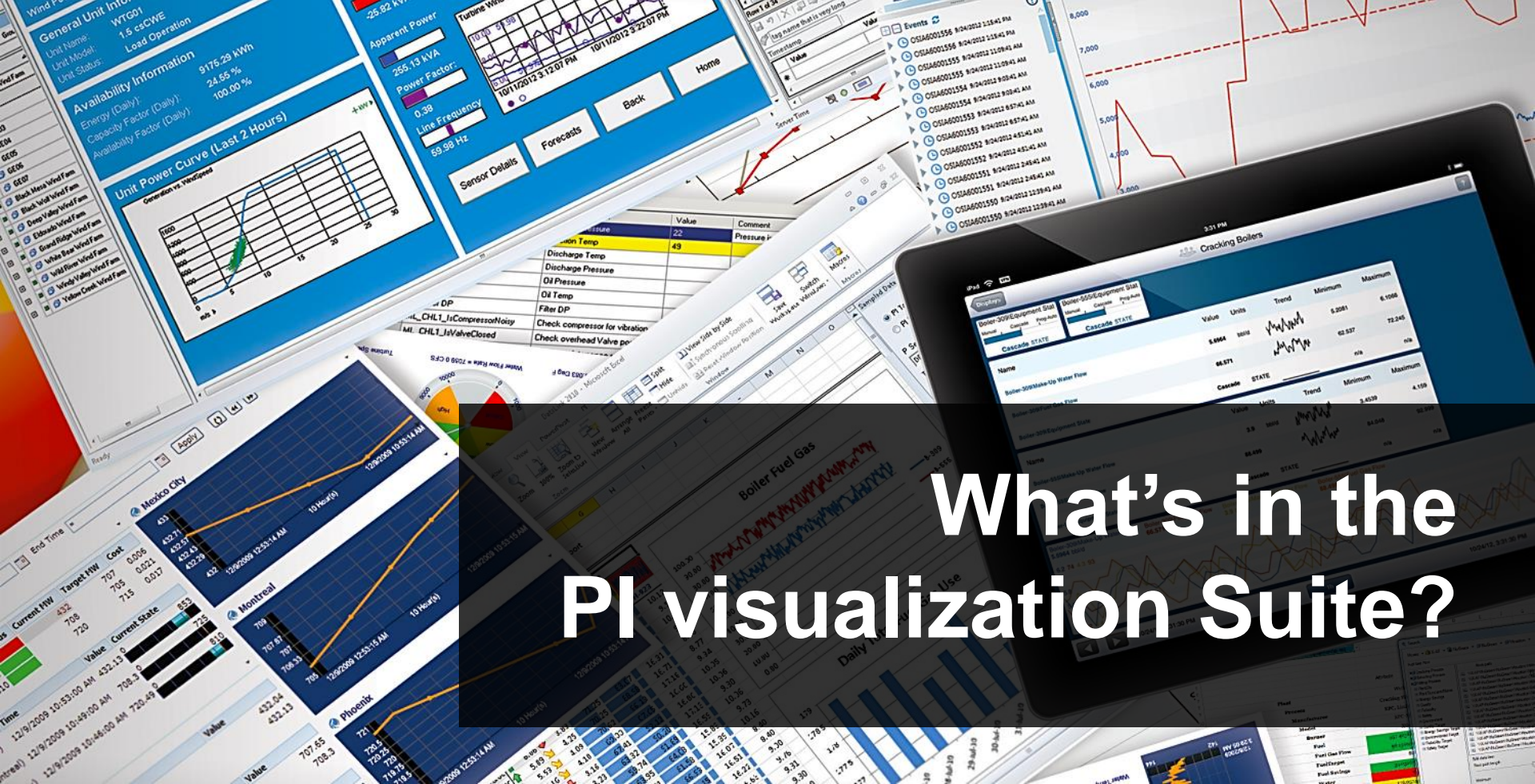
Unlimited Access to Your Data



...allows **everyone** to work with data to drive **innovation** and for **data driven decision making**

The **PI Visualization Suite** unlocks PI System data **across your business**





What's in the PI visualization Suite?

I need to: View
real-time data
when I am
making a repair



I need to: Enter
data from my
mobile device



I need to: Take
my graphical
displays with me



I need to:
Respond to
notifications
and identify
problems



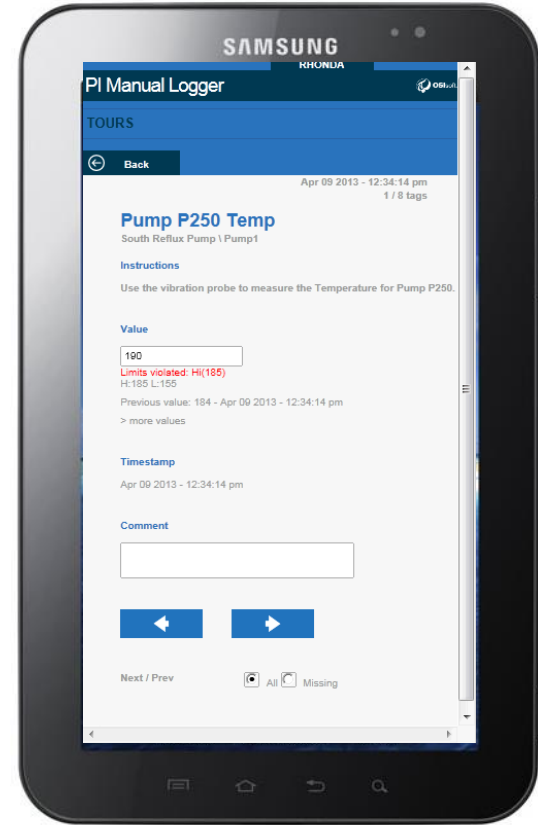
I need to: Access process
data anytime, anywhere



I need to: Enter data from
my mobile device



PI Manual Logger
using an Android
tablet



I need to: Respond to notifications and identify problems

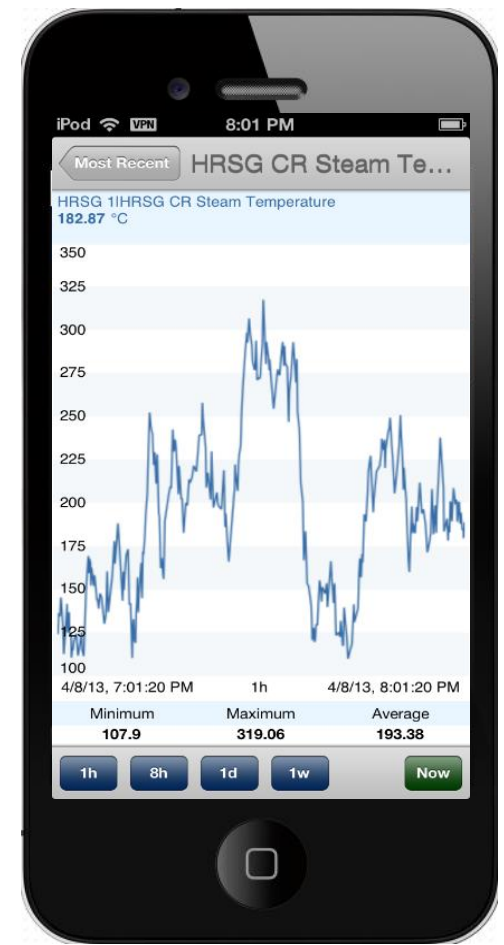
Notification driven investigation using related Events and Assets



I need to: Access process data anytime, anywhere

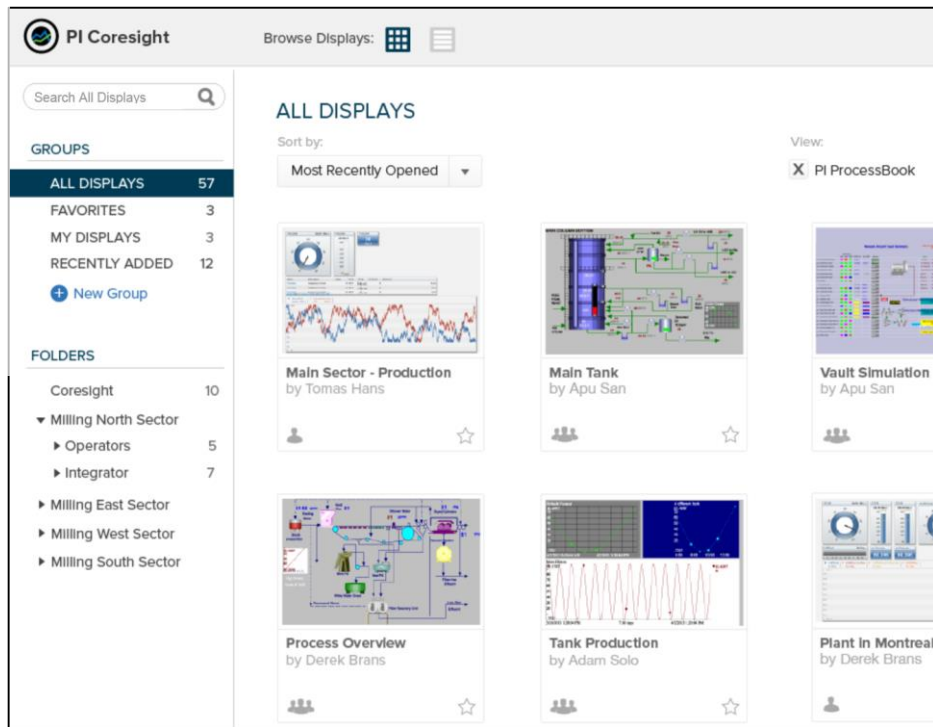


Real-time data on your iPhone



I need to: Take my graphical displays with me

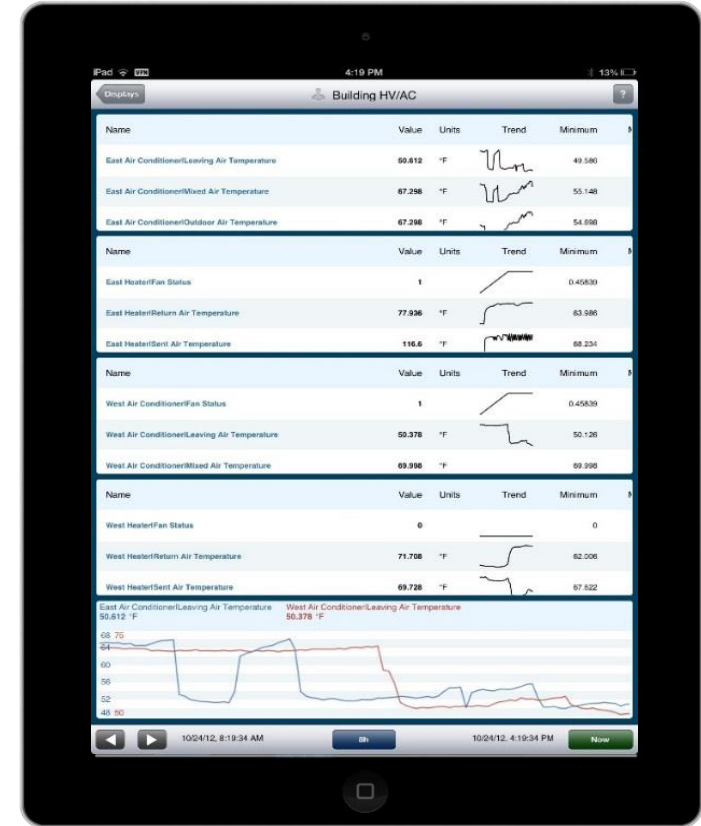
PI ProcessBook
display on a
Microsoft
Surface Device



I need to: View real-time data when I am making a repair



Visual analysis on your iPad



I need to: View
real-time data
when I am
making a repair



I need to: Enter
data from my
mobile device



I need to: Take
my graphical
displays with me



I need to:
Respond to
notifications
and identify
problems



I need to: Access process
data anytime, anywhere



Can You Predict the Future?

How can you tell now what every team member
will use...

tomorrow...

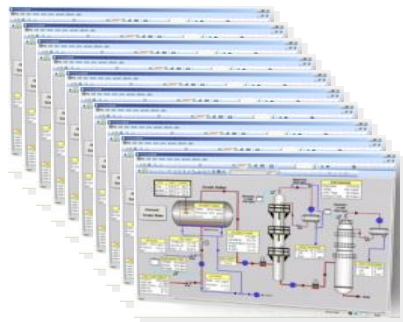
next week...

especially next year



Stop Trying to Predict the Future

The **PI Visualization Suite** gives you the optimal user experience



so PI System data can be
accessible throughout your
entire business, at **all times**



Provide the right tools, to the right people at the right time in the right environment



PI Manual Logger

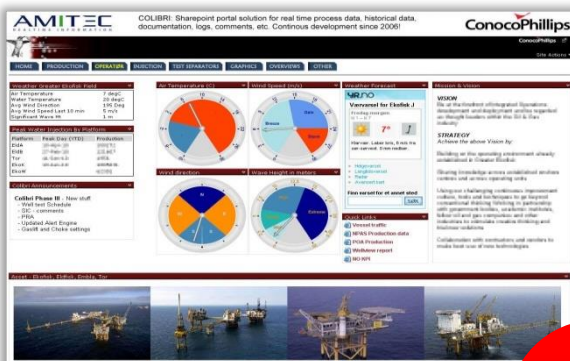


PI CoreSight

Microsoft Excel - BB Equipment Run Times.xls

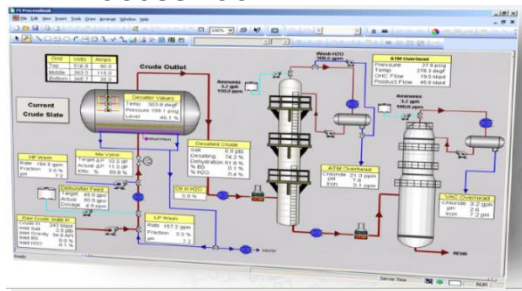
Boxboard Stock Prep -- Extraction Plate, Rotor & Screen Basket Run Days					
	Equipment	Target Days	Actual Days	Last Change Date	Next Change Assuming Continuous Operation
1	Faller Pulper Extraction Plate Time	270	270	4/21/2011	1/30/2011
2	Faller Pulper Rotor Time	270	270	4/21/2011	1/30/2011
3	Turbo Extraction Plate Time	135	135	1/7/2011	5/22/2011
4	Turbo Rotor Time	135	135	1/7/2011	5/22/2011
5	Faller North Primary Screen Basket Time	360	360	1/22/2012	1/22/2012
6	Faller South Primary Screen Basket Time	360	360	1/22/2012	1/22/2012
7	Faller Secondary Screen Basket Time	360	360	1/22/2012	1/22/2012
8	Faller Tertiary Screen Basket Time	360	360	1/22/2012	1/22/2012
9	Lower Pulper Extraction Plate Time	360	360	1/22/2012	1/22/2012
10	Lower Pulper Rotor Time	360	360	1/22/2012	1/22/2012
11	Lower Primary Screen Basket Time	360	360	1/22/2012	1/22/2012
12	Lower Secondary Screen Basket Time	360	360	1/22/2012	1/22/2012
13	Hydrogrape Extraction Plate Time	180	180	1/22/2012	1/22/2012
14	Hydrogrape Rotor Time	180	180	1/22/2012	1/22/2012

PI DataLink



PI Web Parts

PI ProcessBook



Review

Collect

Explore

PI Clients

Monitor

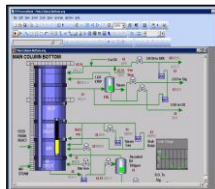
Report

PI visualization Suite: Recap



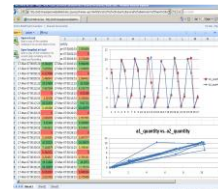
PI Coresight

- Ad hoc data analysis on the go from your iPad® or the web. Create new displays / reports that share your insights company wide via a simple URL link.



PI ProcessBook

- Create graphical displays with layers of robust, dynamic, real-time data. Visually walk through a plant navigating related sets of displays.



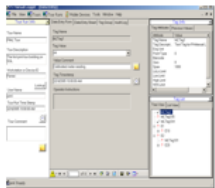
PI DataLink

- Create dynamic reports for any area of operations and instantly summarize and monetize years of PI System data using familiar Microsoft® Excel® tools to discover the true cost and value of operational decisions.



PI WebParts

- Create Dynamic dashboards in Microsoft SharePoint® that combine real-time PI System operations data with financial information, graphics and other information.



PI Manual Logger

- The simple and easy way to integrate manually collected data alongside automated operations data in your PI System.



PI ActiveView

- Deliver PI ProcessBook displays to those who want to leverage them but don't need the tools to build them.



PI BatchView

- Frames PI System data within the context of batch processes.

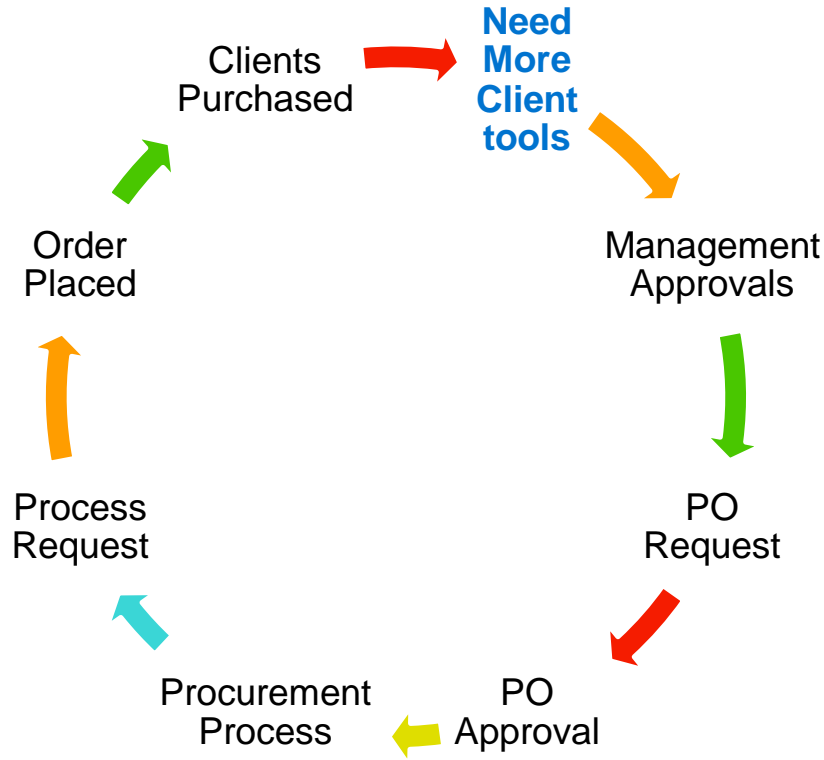
A Simplified “one-stop”
licensing approach for
all the PI System client
tools shown here



Adopting the PI Visualization Suite



Typical PI System Client Adoption Cycle

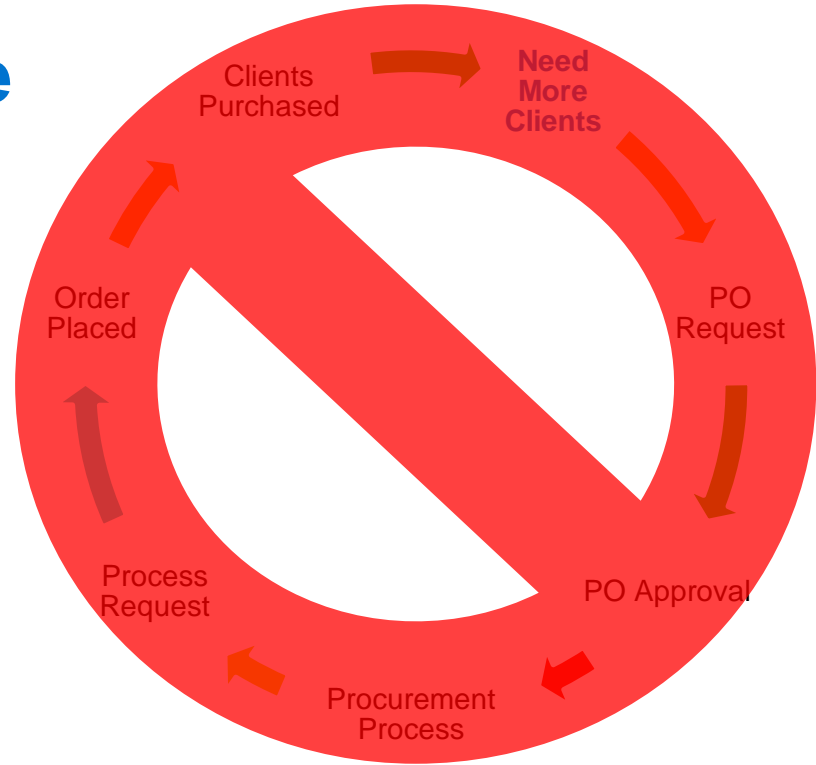


- Time consuming
- Resource intensive
- Susceptible to error
- Inefficient & Costly
(over time: multiple small purchases)
- Prone to delay: increases opportunity cost
- Unnecessary: better alternatives exist

No More Single Client License Purchases

The **PI Visualization Suite** ends the cycle of single client purchasing and radically simplifies licensing of PI System client tools.

One agreement providing access to all PI Client tools across the organization



Summary: Experience the value of Information On The Spot with unlimited access to the PI System



- Empower all users to better utilize PI System data
- Simplifies compliance and license management
- Ideal for large user groups and corporate implementations of thin and mobile client technologies

Next steps to learn more....

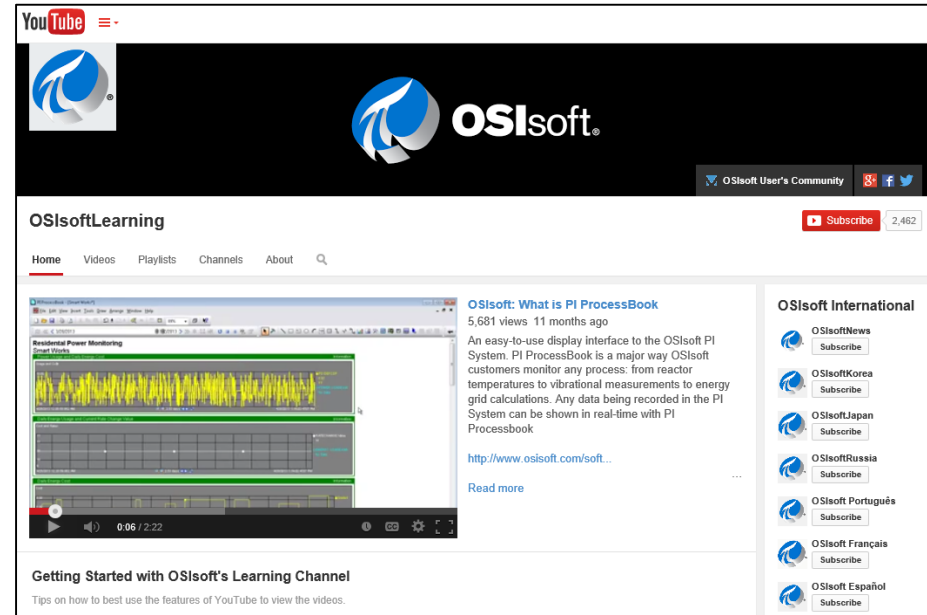
To learn more about the value of the PI Visualization Suite, see our YouTube [video](#)



Next steps to learn more....

Learn more about the client tools through our [Learning Channel](#) on YouTube.

Click on Playlist, and you will find instructional videos for all the client tools.





Thank you

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