Manual Data Entry with PI Manual Logger

Presented by **Laurie Dieffenbach**
Rhonda Clendenon

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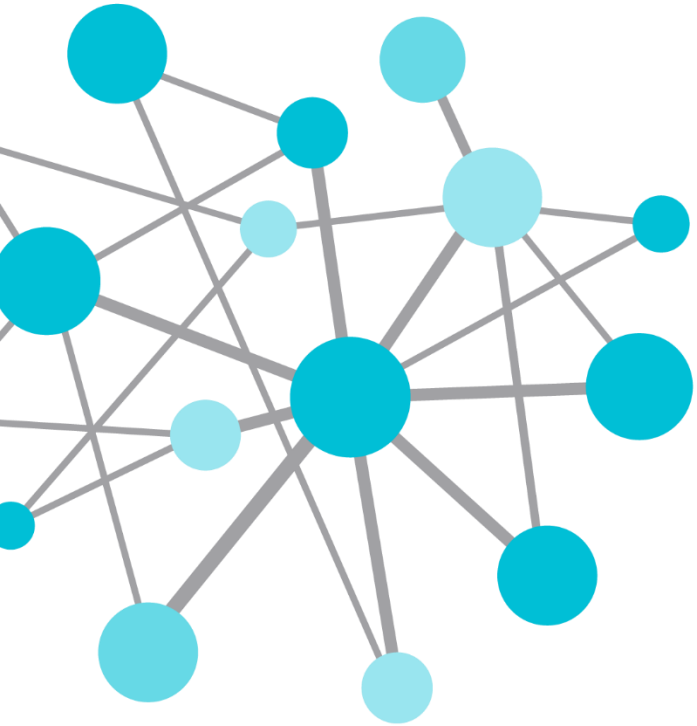

This is an interactive session

Have your devices handy!

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Participating with Poll Everywhere

How to vote via the web or text messaging

For Text messaging, first send the text: **piml**; after you have sent that once, you can just text the number of the response you want to send

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All Companies Collect Some Sort of Manual Data

- Data collection is usually done **in the plant**
- Many use **inefficient** paper records
- **Mobile devices** are increasing in popularity and new ones have emerged

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What is PI Manual Logger?

- A set of tools to configure and execute routine manual data entry (tours)
- Features focused on validating entries, navigating collection for multiple values, and optional data review
- Two sets of tools:
  - One focused on data collection (tour runs) with mobile devices - PI Manual Logger Mobile
  - One focused on administration and configuration - PI Manual Logger

Disclaimer: OSIsoft does not endorse any device manufacturer or vendor; images shown are for illustration purpose only

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Example Data Collection Tours

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PI Manual Logger Mobile

- When data isn't collected at a desk
- The device used to collect data has to be easy to carry around
- The device has to be safe and stand up to harsh environments
- Data entry has to be efficient and accurate, but simple to do
- Network connections may not be available or unreliable

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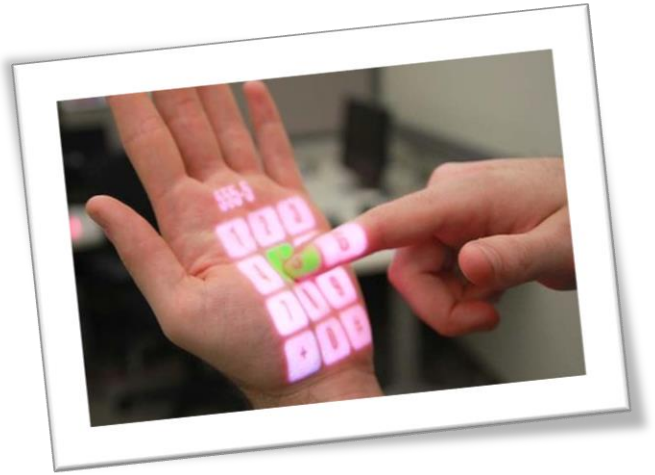
PI Manual Logger Mobile



- PI Manual Logger Mobile 2012
  - Windows Mobile 2003 SE to 6.x devices
  - Local install on the device
  - Ruggedized device options, becoming obsolete
  - Works with PI Manual Logger 2014 tours
- PI Manual Logger Web 2014 or 2014 R2
  - Installed on a web server
  - Supports ANY device with an HTML5-compatible browser
  - Goal to support iOS and Android devices
  - Newest release is localized into 8 languages (R2)
- See Product Overview page on Tech Support web site for specific differences
- OSIsoft does not endorse any particular hardware

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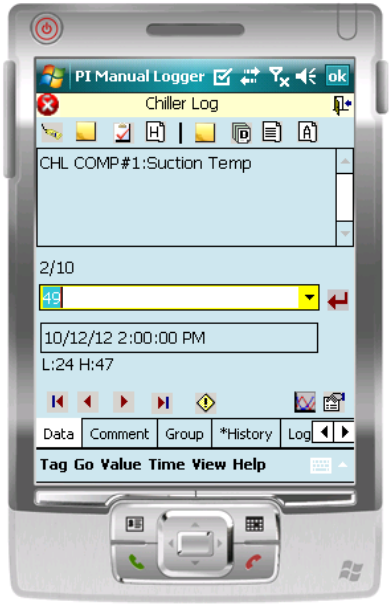
PI Manual Logger Mobile 2012



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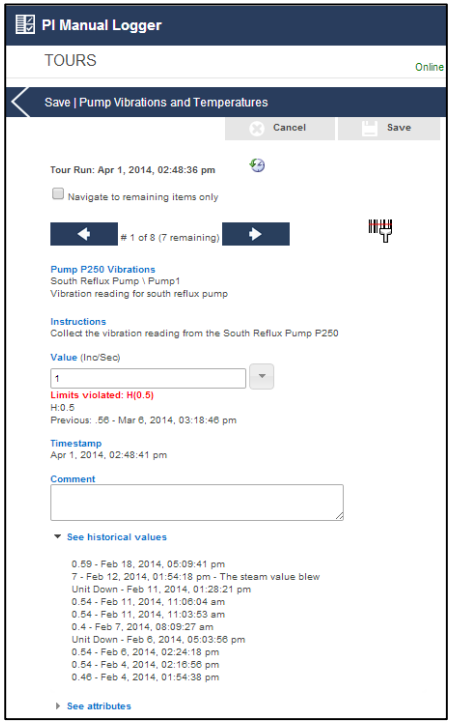
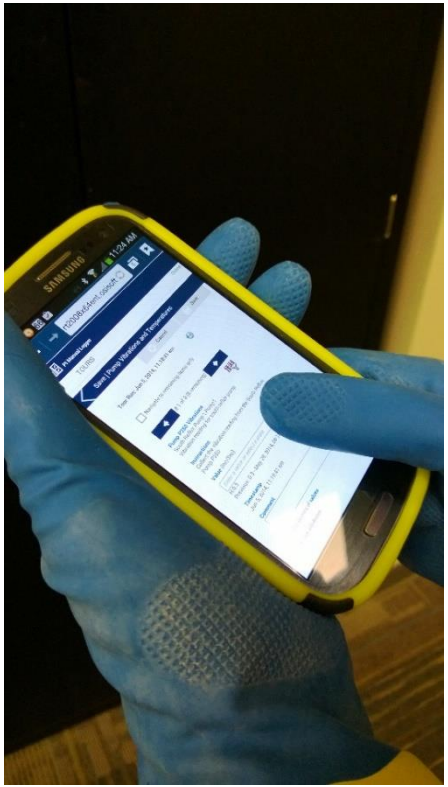
PI Manual Logger Web 2014



Pump P250 Temp



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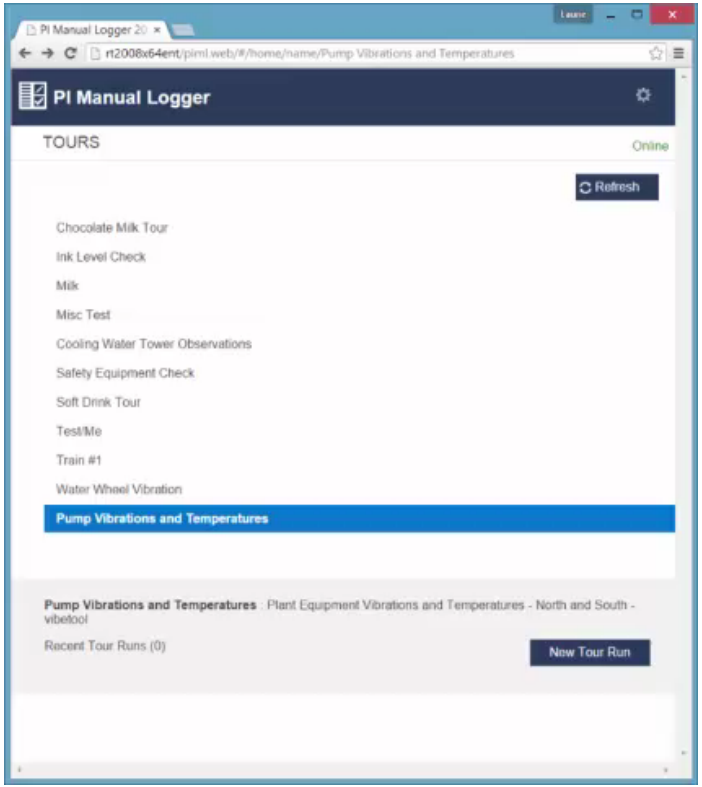
Backup Video



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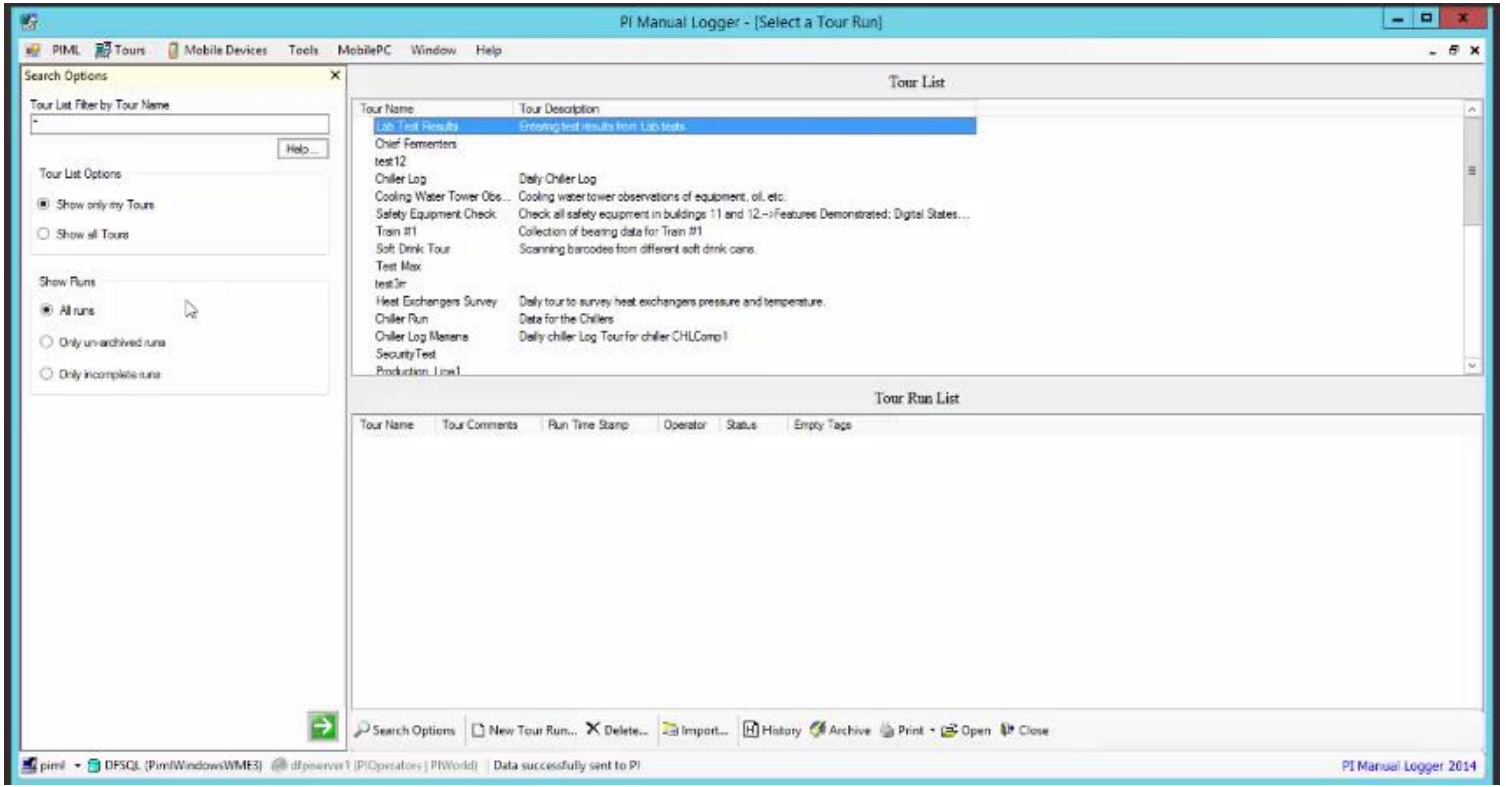
Backup Video 2



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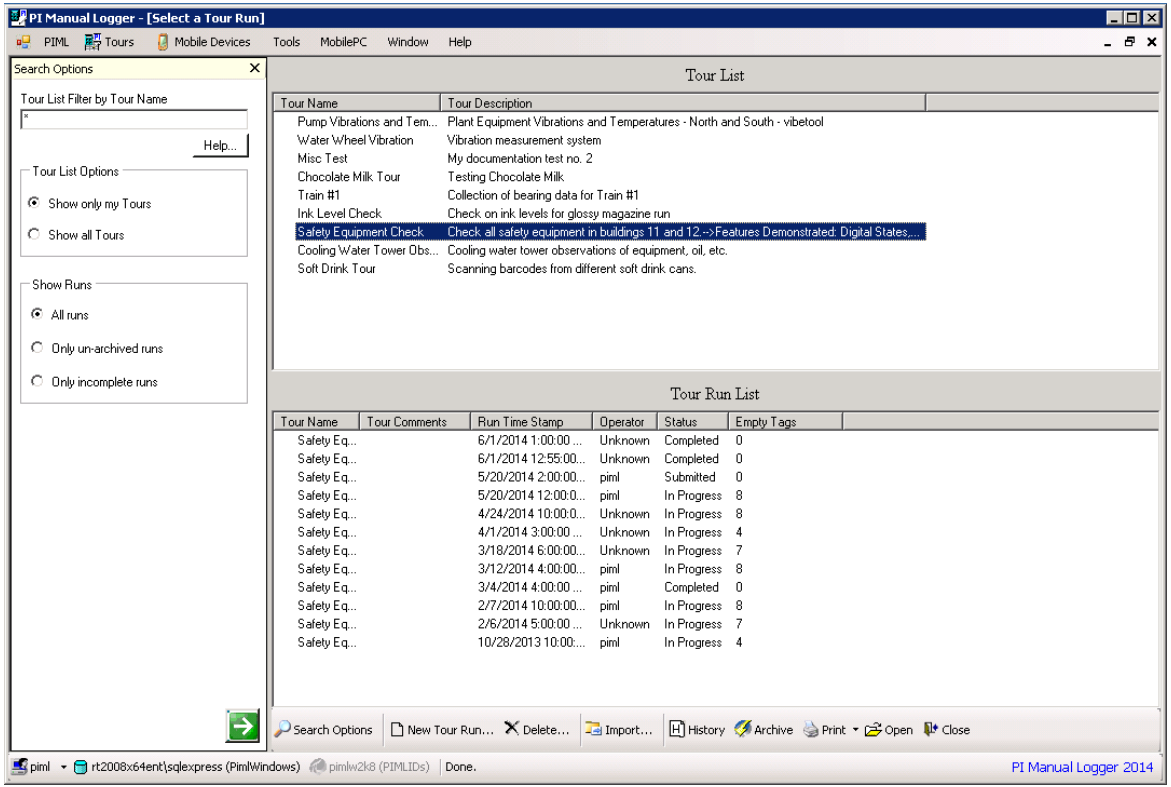
Configuration on the Desktop



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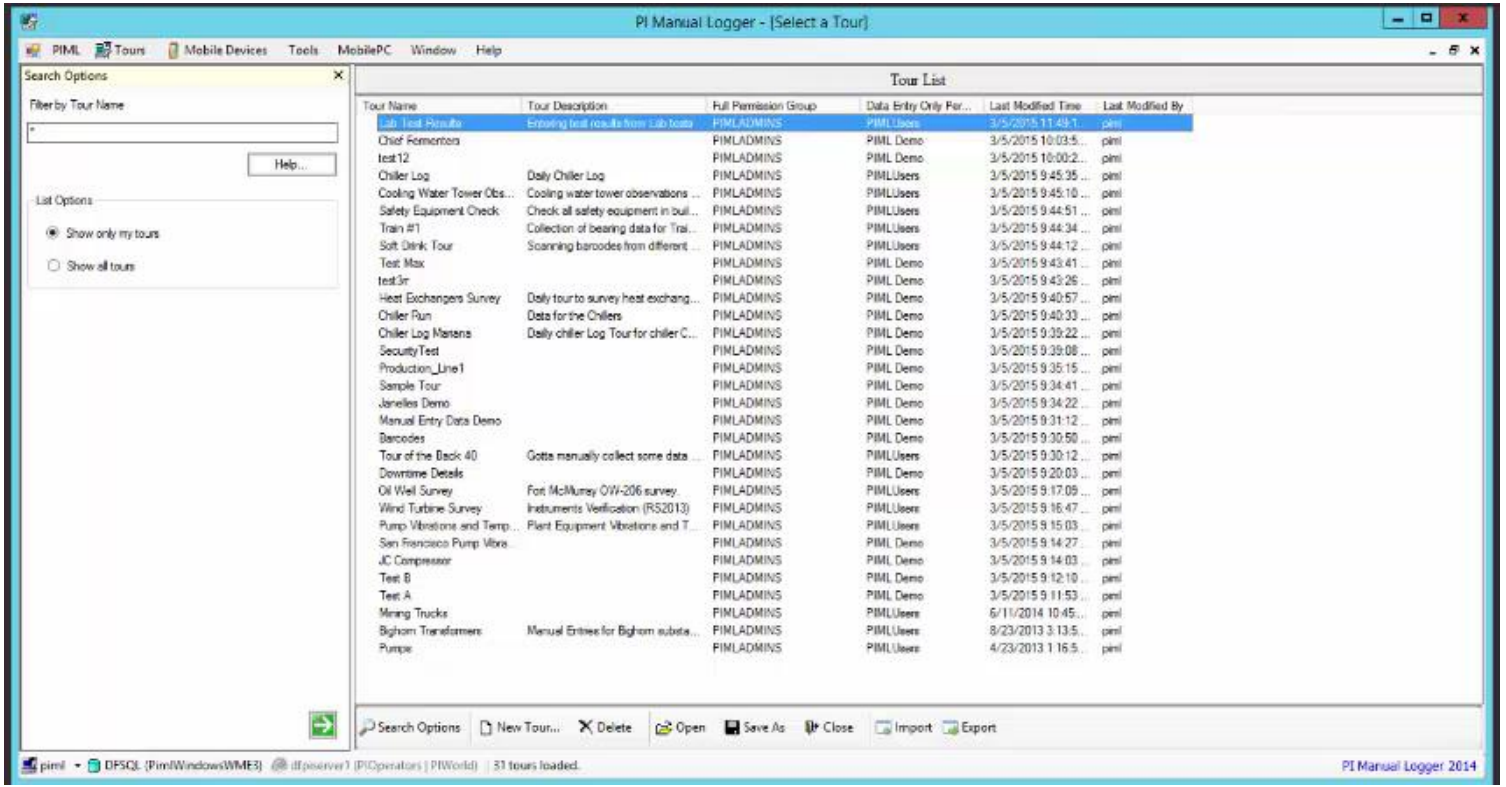
Backup Video 3



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Using the Desktop app

- Configure general settings
  - Which SQL Server is used to store setting and data before it gets sent to PI
  - Which PI Data Archive will receive data
- Configure routine data collection including:
  - Order in which values should be collected
  - Limits associated with the entered value
  - Barcodes associated with tags, for easier navigation
  - Security (who can edit the tour, who can collect)
  - Whether data needs review before sending to PI
- Enter data, including using a grid for quick sequential entry
- Review data, including reviewing limit violations and making any corrections
- Send data to PI

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More Information

- Go see the product in action at the Product Expo
  - Product Expo is open until noon today!
- Review customer presentations
  - Verso Paper from Wednesday
  - Suncoke Energy from Wednesday
  - Recorded presentations available on the OSIsoft web site

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Advantages of PI Manual Logger

- Easiest way to get data into PI that isn't collected via instrumentation
- Off-the-shelf application only requires configuration
- Part of a complete PI System infrastructure
- Data collection is easy to configure and execute
- Data collection can take place with a variety of devices

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Questions

Please wait for the microphone before asking your questions

State your
name & company

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THANK YOU

Start capturing your manual data into the PI System!

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