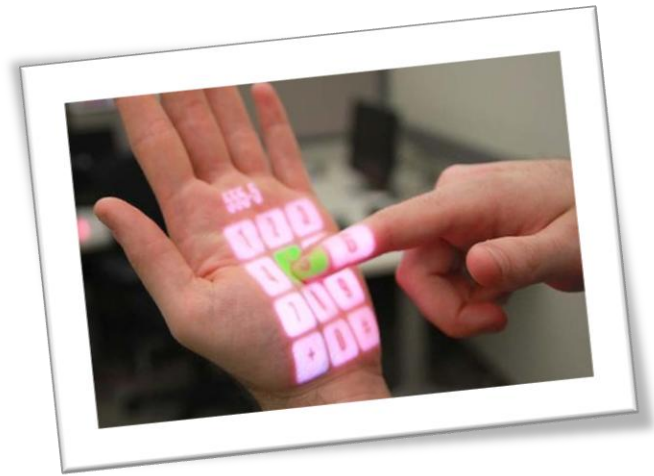


PI Manual Logger: Manual Entry in the Palm of Your Hand

**Presented by Rhonda Clendenon, Team Leader, Software Development
Hervé Bajolle, CoE Engineer**

Agenda

- Need for manual data entry
- Why mobile data entry?
- Demos – the exciting part!
- PI Manual Logger Mobile 2014
- Supporting new devices
- Architecture
- Conclusion



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

Why mobile data entry?



Operator

*I walk around and collect data every day. I need a **ruggedized** device with a **barcode scanner**.*

*I run my tests in the lab. I would like to bring my **tablet** to enter the results.*



Lab Tech



Engineer

*When key measures go over their limits, I need to know about it, even for manual data. My **smartphone** would be the perfect device.*

*We need to **capture data** from old non-instrumented equipments in the PI System ...*



Manager

What is PI Manual Logger?

Tour based manual input data collection

- PI Manual Logger **PC**
 - Configure tours (Admin tasks)
 - Enter data
 - Review, edit, or approve the data on the PC
 - Send it to the PI Data Archive
- PI Manual Logger **Mobile**
 - Collect data from field equipment with a mobile device
 - Use barcode/RFID to identify tags and enter data
 - Upload data wirelessly or by cradling the device



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

DEMO

ELECTRICAL
SUBSTATION

VINTAGE 263 NCT 2
SURFACE-BASE OF DIATOMITE
(B 3) exp. 1-31-2014

THETA 262 NCT 4
SURFACE-BASEMENT
(J 3) exp. 1-14-2013

VINTAGE 265 NCT 9
SURFACE
BASE OF DI
(H 2) exp.

THETA 7 NCT
SURFACE-130
(B 2) NB

VINTAGE 263 NCT 10
SURFACE
BASE OF DIATOMITE
(F 3) exp. 1-31-2014

VINTAGE 265 NCT
SURFACE
BASE OF DIATOMITE
(G 2) exp. 1-31-2014

SURFACE-10000
(B 3) exp. 12-31-2012

THETA 263 NCT 3
SURFACE
BASEMENT
(H 3) exp. 1-14-2013

VINTAGE 265 NCT
SURFACE
BASE OF DIATOMITE
(H 2) exp.



Christa

Demo Summary

- Old devices **reaching end of life** and need to be replaced
- Users are expecting something more “**modern**”
- Replacement devices have **additional features**

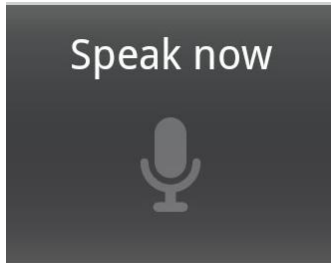
PI Manual Logger Mobile



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New capabilities available

- **Voice** to **text**
- **Pinch** and **zoom**
- Same devices for **all mobile** PI System data
- More **variety** of screen sizes



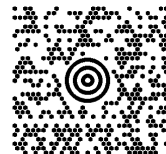


DEMO

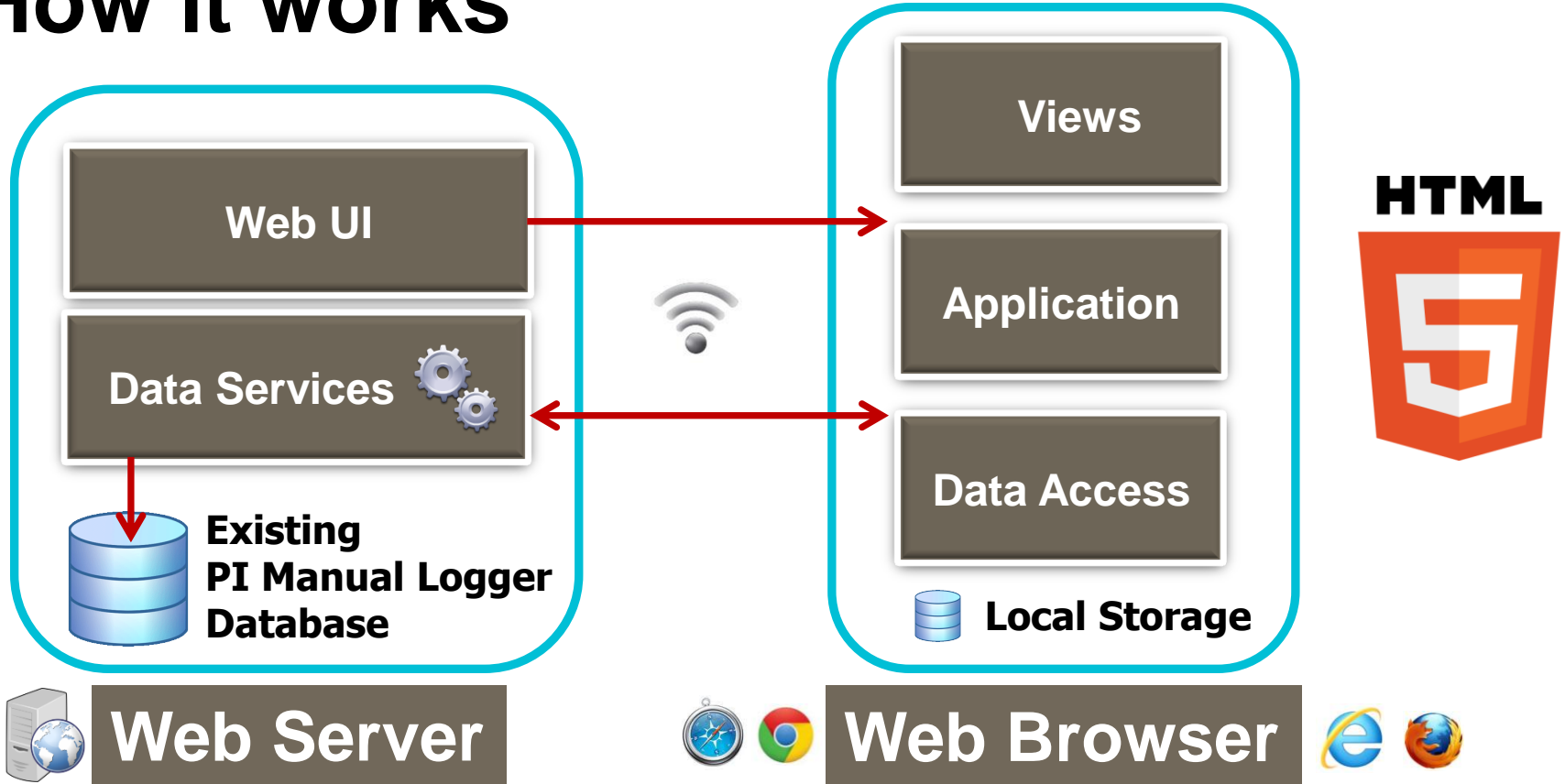
Demo Summary

- New devices will support existing features such as:

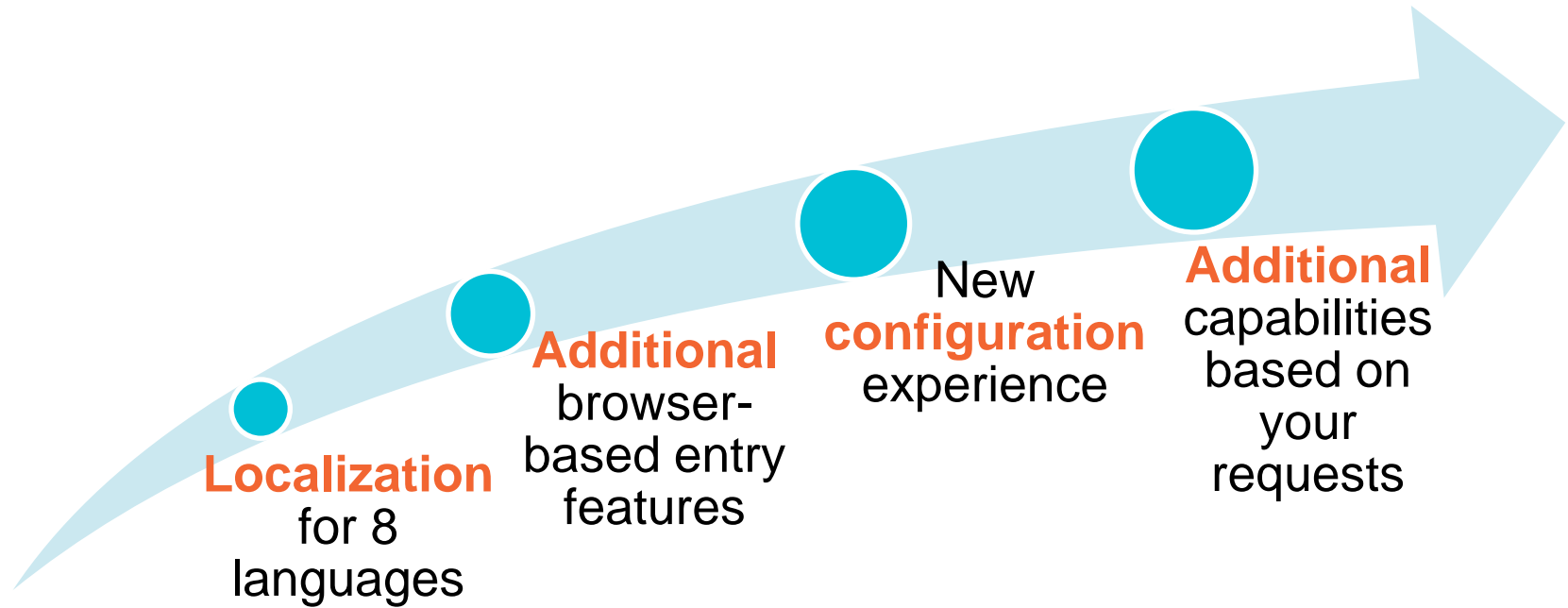
- **Limit** checking
- **Offline** support
- **WiFi** connectivity
- **Bar code** scanning



How it works



Roadmap

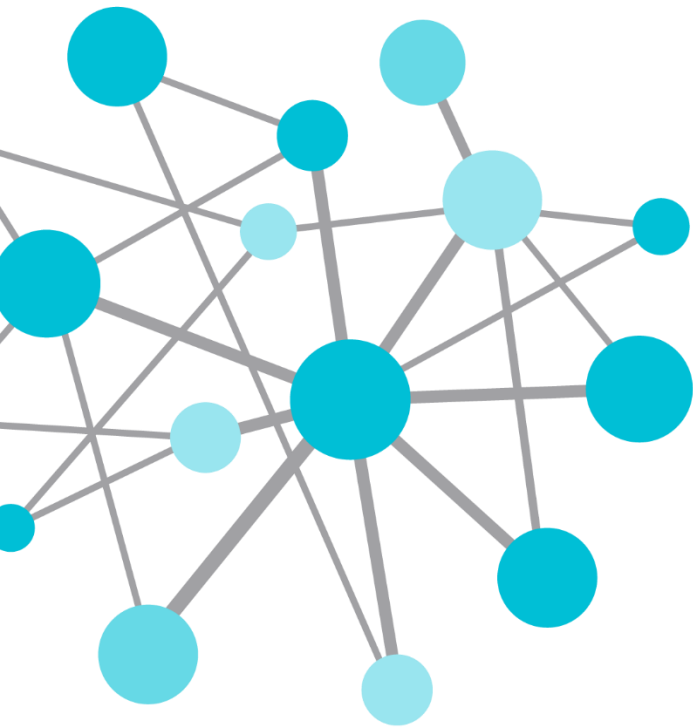


Conclusion

- PI Manual Logger is expanding its **mobile offering**
- New mobile devices bring **new possibilities**
- A new **HTML5 web client** enhances user experience
- You can **start** with the new version **now**, even if you don't have all your new devices

**New mobile device makes a
happy operator!**



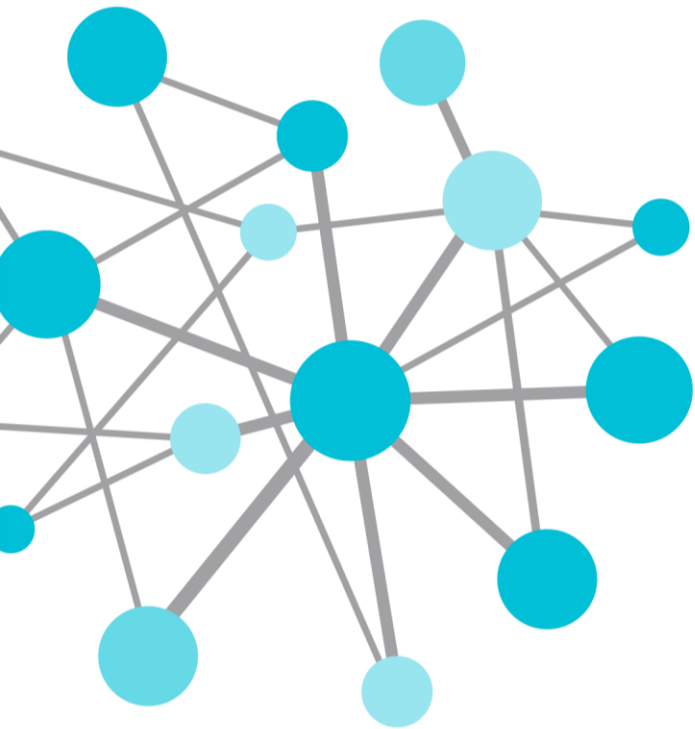


Questions

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your questions



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**name &
company**



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