Manual Data Entry in the Palm of Your Hand
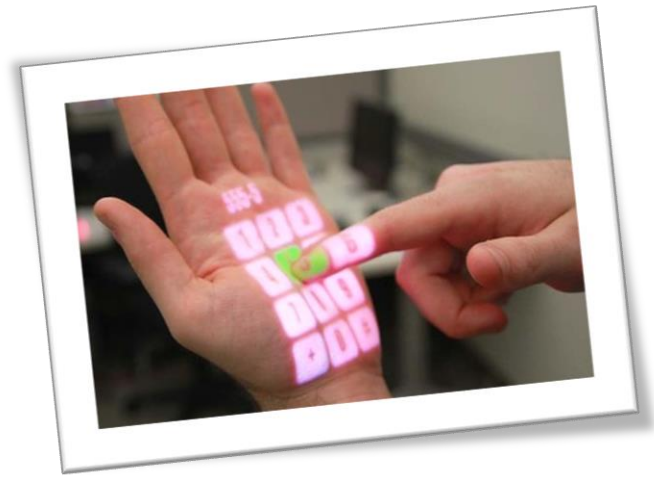
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Agenda

- 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?

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

Demo Summary

- Old devices **reaching end of life** and need to be replaced

- Users are expecting something more "**modern**"

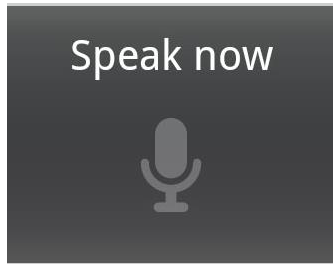- Replacement devices have **additional features**

PI Manual Logger Mobile

Web

HTML 5

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New capabilities available

- **Voice** to **text**

- **Pinch** and **zoom**

- Same devices for **all mobile** PI System data

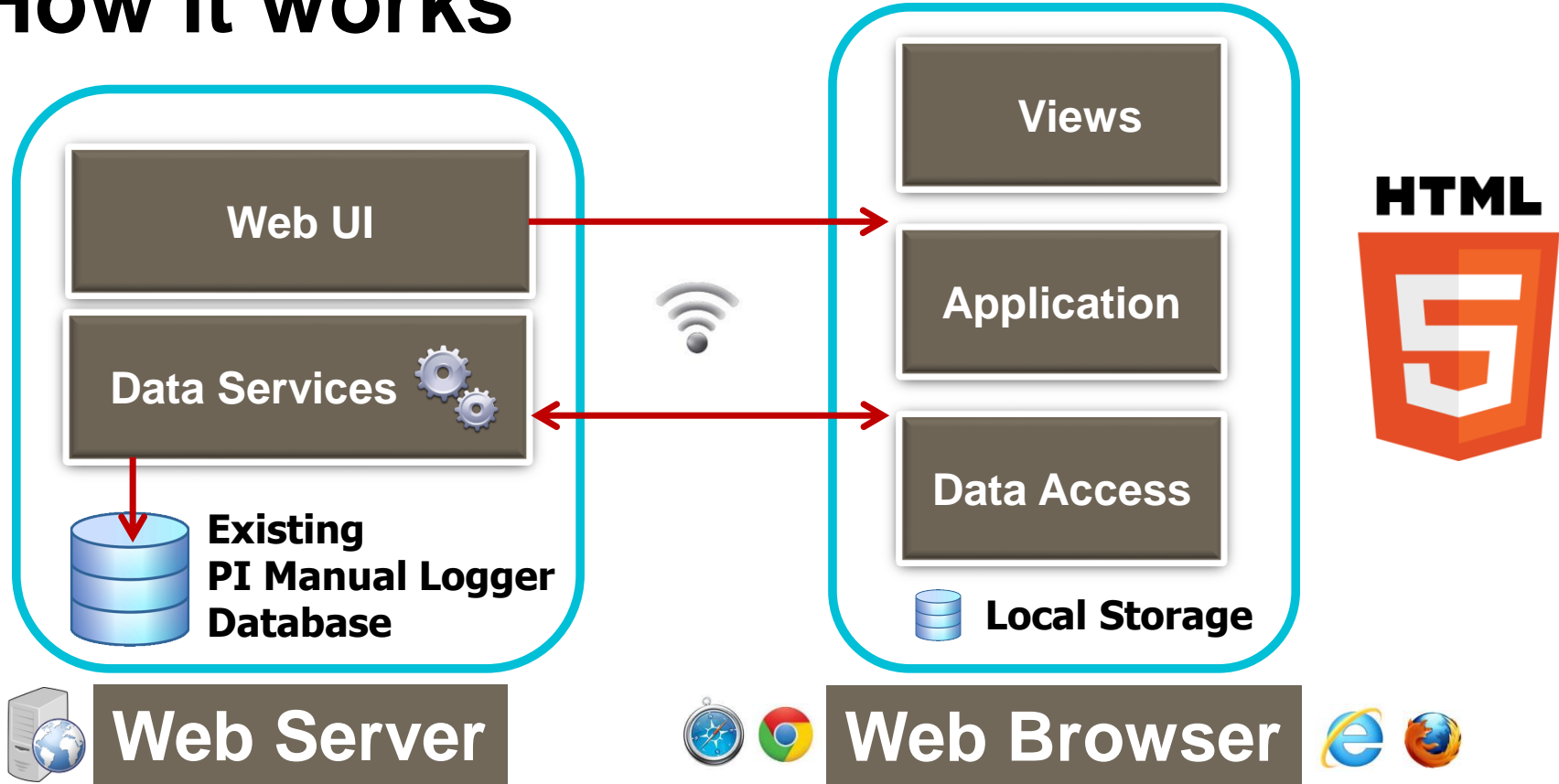- More **variety** of screen sizes

DEMO

Demo Summary

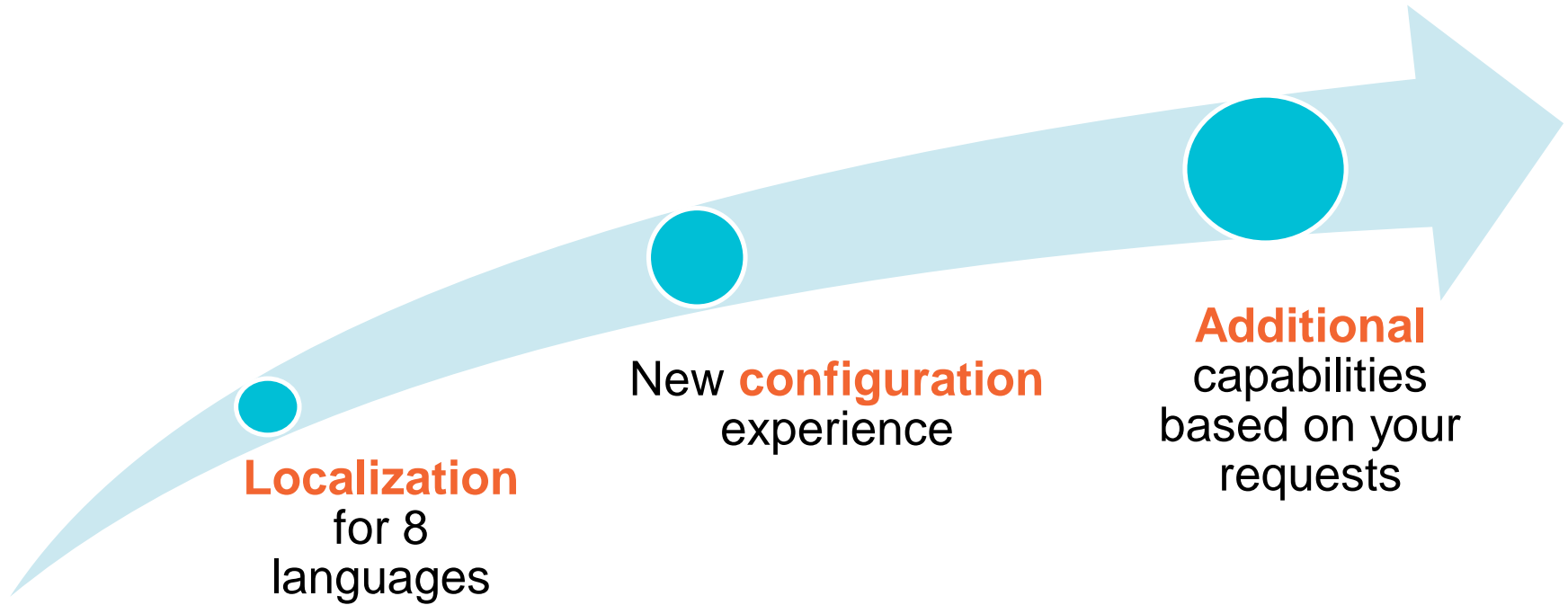- New devices will support existing features such as:
  - **Limit** checking
  - **Offline** support
  - **WiFi** connectivity
  - **Bar code** scanning

How it works

Roadmap

Localization for 8 languages

New **configuration** experience

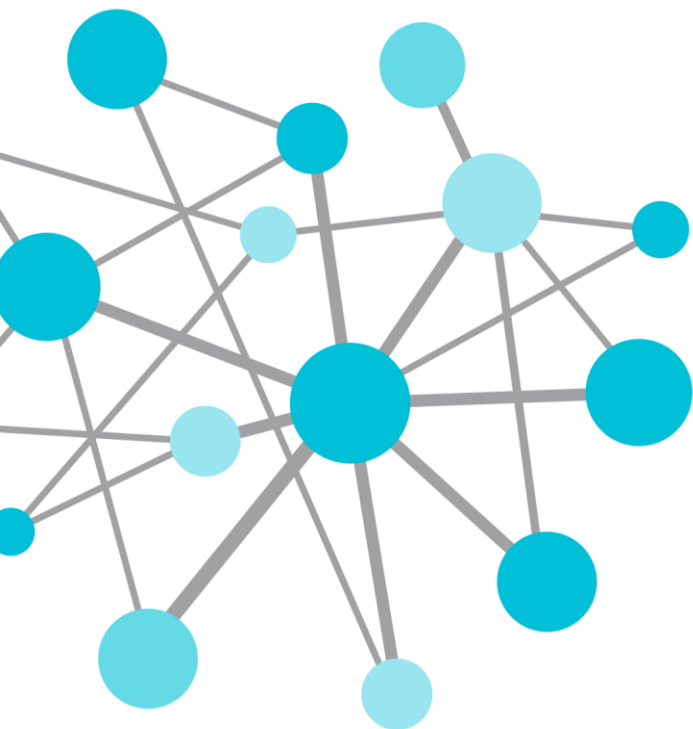**Additional** capabilities based on your requests

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!

THANK YOU

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