

Handheld Technology in the Vineyards: How we use it



PremiereVision

Web Based Vineyard Management System

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What are we looking to Do?

- GIS, GPS Mapping applications
- Simple Data collection
- Data dissemination
- Turn our handhelds into our primary work tool; replace the laptop?
- Be connected all of the time
- Use this technology to make smarter decisions, save money, and become more efficient



"A wealth of information creates a poverty of attention"

Herbert A. Simon (1971)



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DATA "AT REST" / BLACK HOLE





Challenges and Opportunities

- Managing increasing complexity
- Accessing current and historical information
- Planning farming activities in advance
- Using inputs more efficiently
- Tracking activities and inputs
- Increasing the effectiveness of the viticulture staff
- Improving communication

Making better decisions





What is a Handheld? What is a Smartphone?















- Phone
- email
- User interface
- Keyboard
- Touchscreen
- Most important --WEB BROWSER--



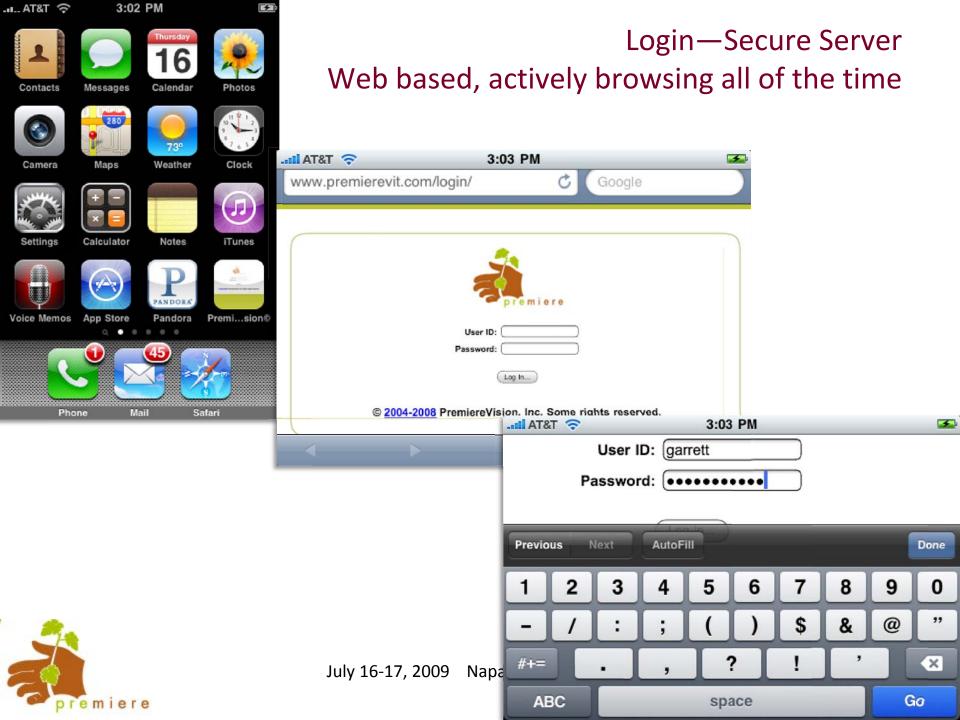


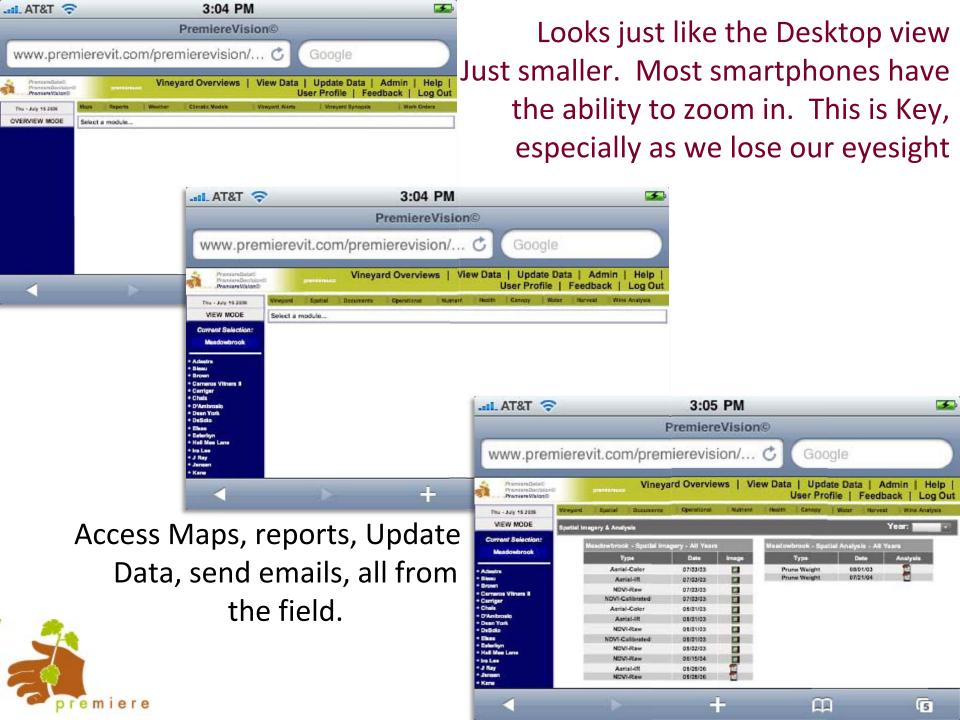
GPS Mapping in the field

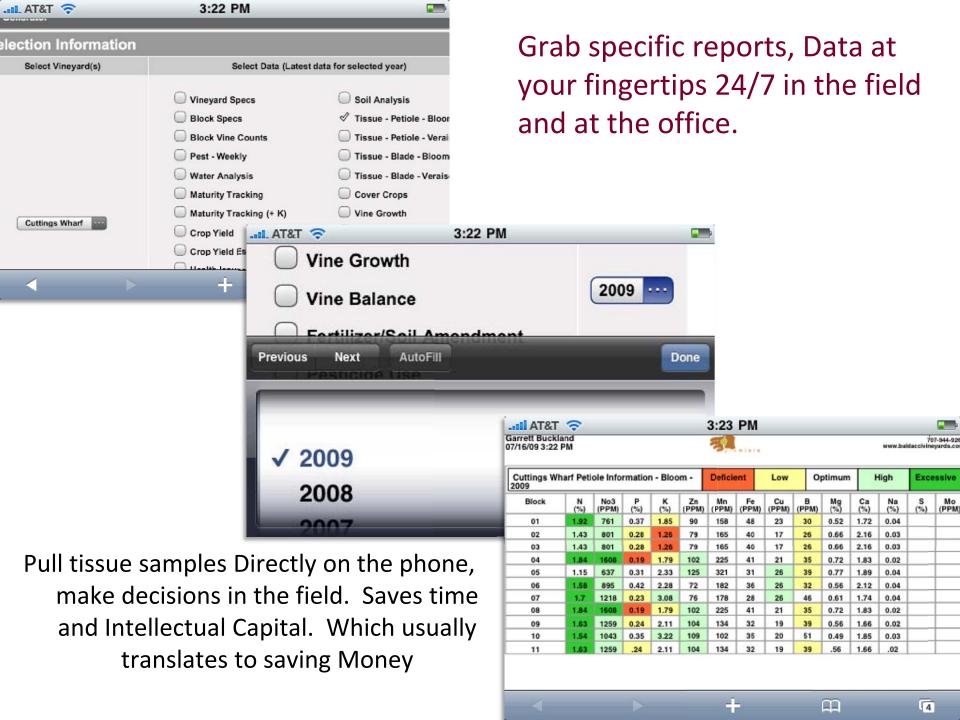


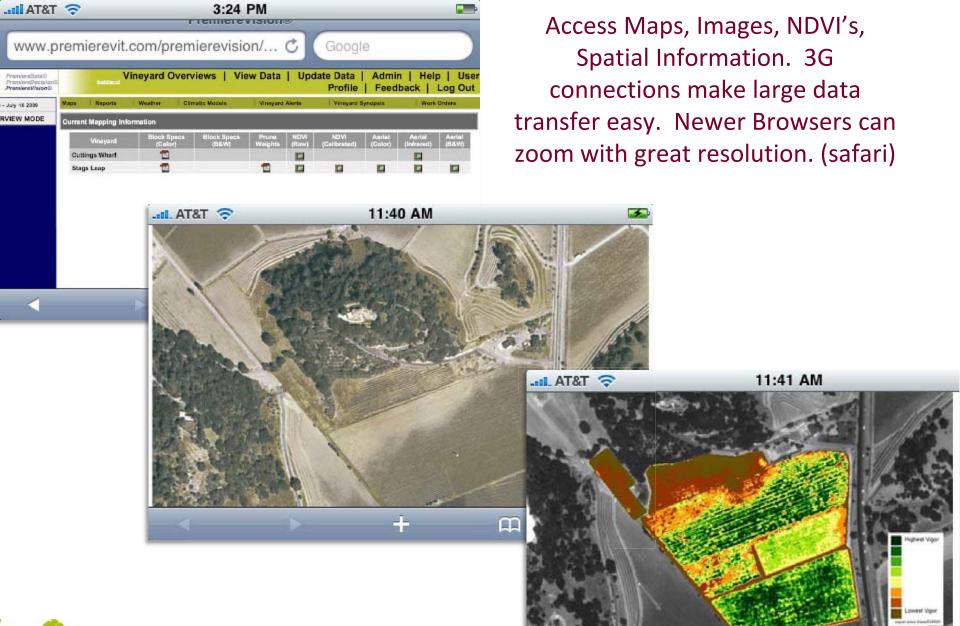






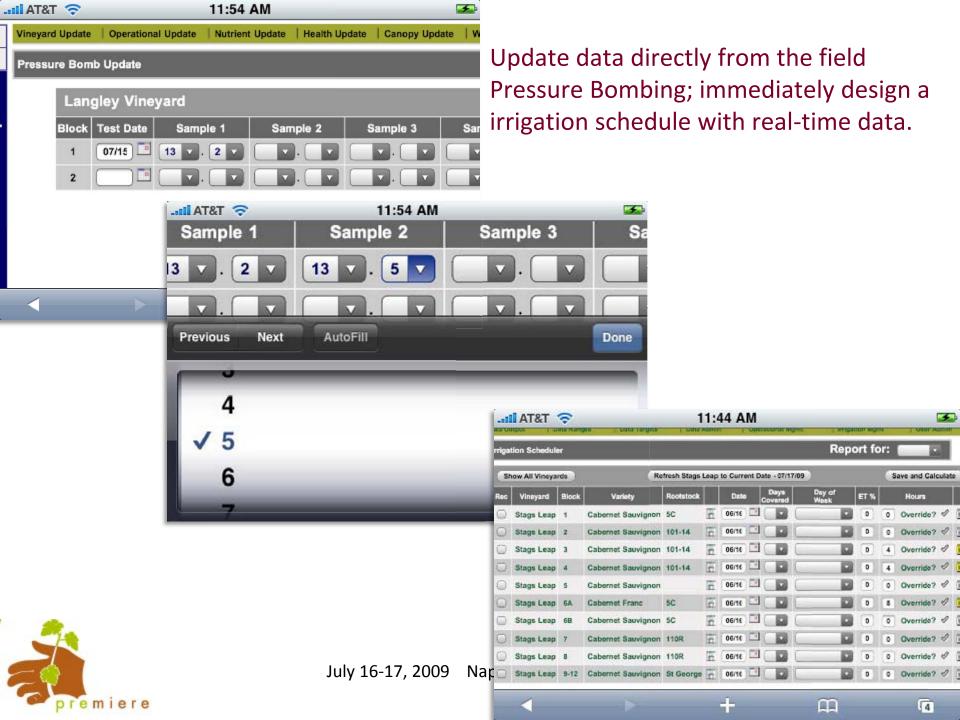


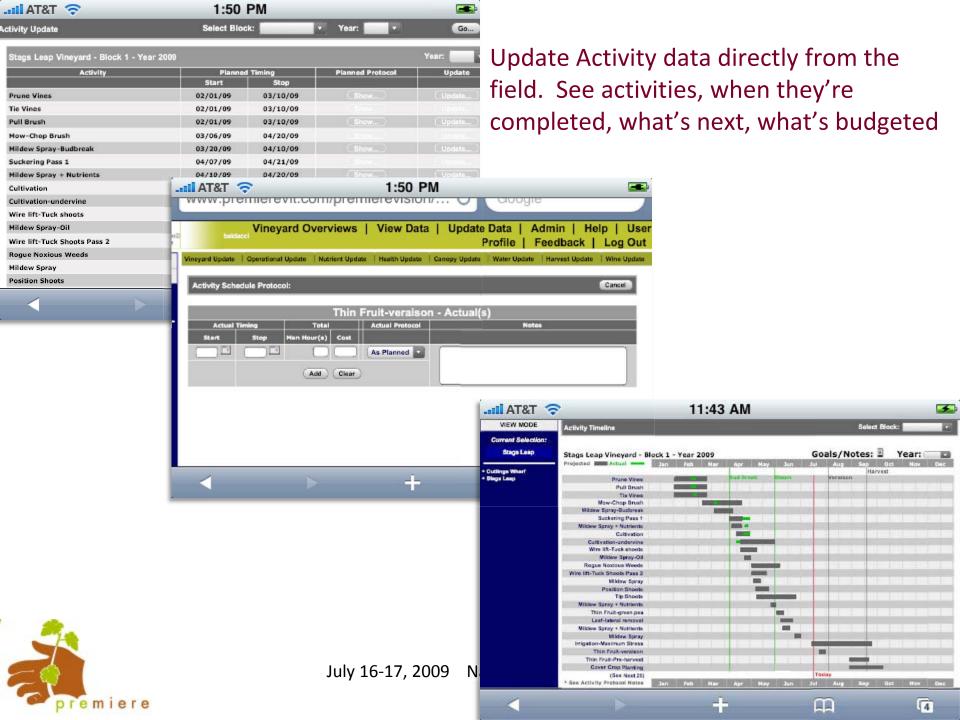


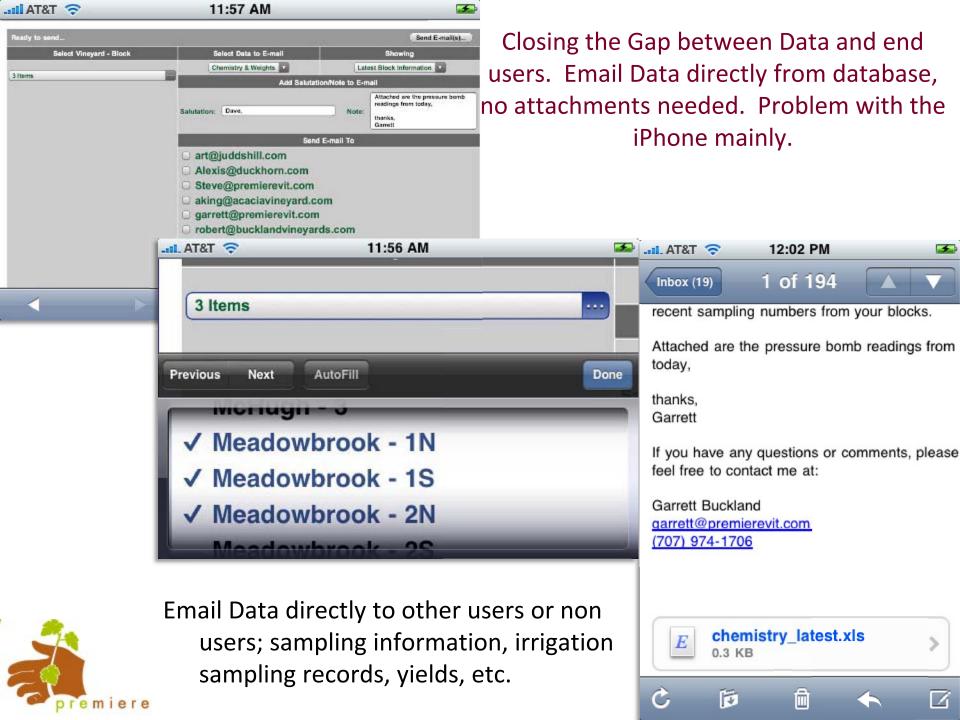


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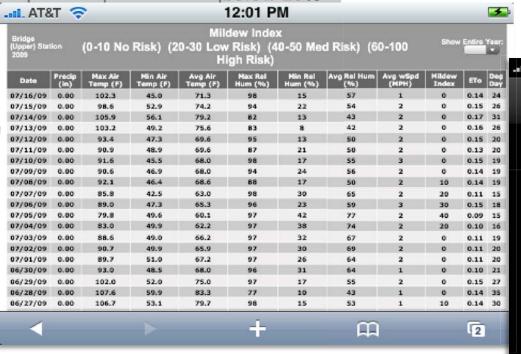




Let the Data work for you:

Distill third party data (example Weather data) Email or text alerts.

Run Mildew Models, other pest modeling



Smartphones now allow for complex ways of alerting and disseminating data.





Summary

- Handheld units (smartphones) have made tremendous improvements in the past 10 years
- Every day there are new applications
- Where will we be in another 10 years
- Make our data work for us
- Build intellectual capital
- Use these tools to make our lives easier, and our staff more effective
- Push the limits of the technology, but only use it if it adds real value!





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