



ICEBO Session 15 - Innovative Mobile Technologies for Asset Tracking

Proceedings of the 13th International Conference for Enhanced Building Operations, Montreal, Quebec, October 8-11, 2013



Agenda

- Learn how clients have mobilized their enterprise data to increase the consistent capture and reporting of important building information, from lease data to work orders to space & occupancy costs.
- Top 5 lessons learned implementing a mobile solution



Who We Are

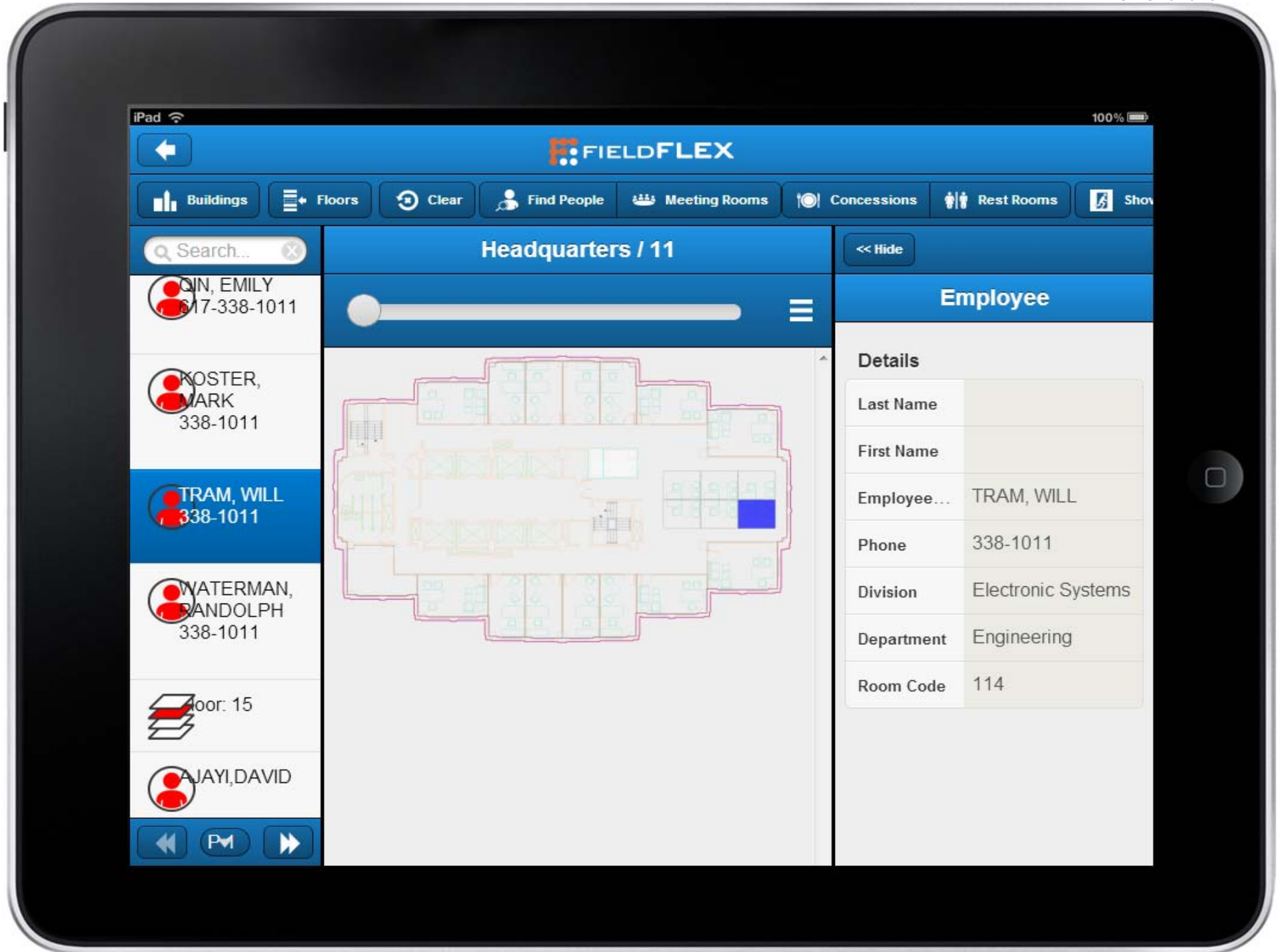
- Experts in both Real Property and Facilities Management Business and Technology
- Over 250 years of combined experience that encompasses facility management, corporate real estate and operations planning
- Experience gained from several perspectives
 - Client → We understand the business
 - Implementation → We know how to do it
 - Software Manufacturer → We understand what is possible

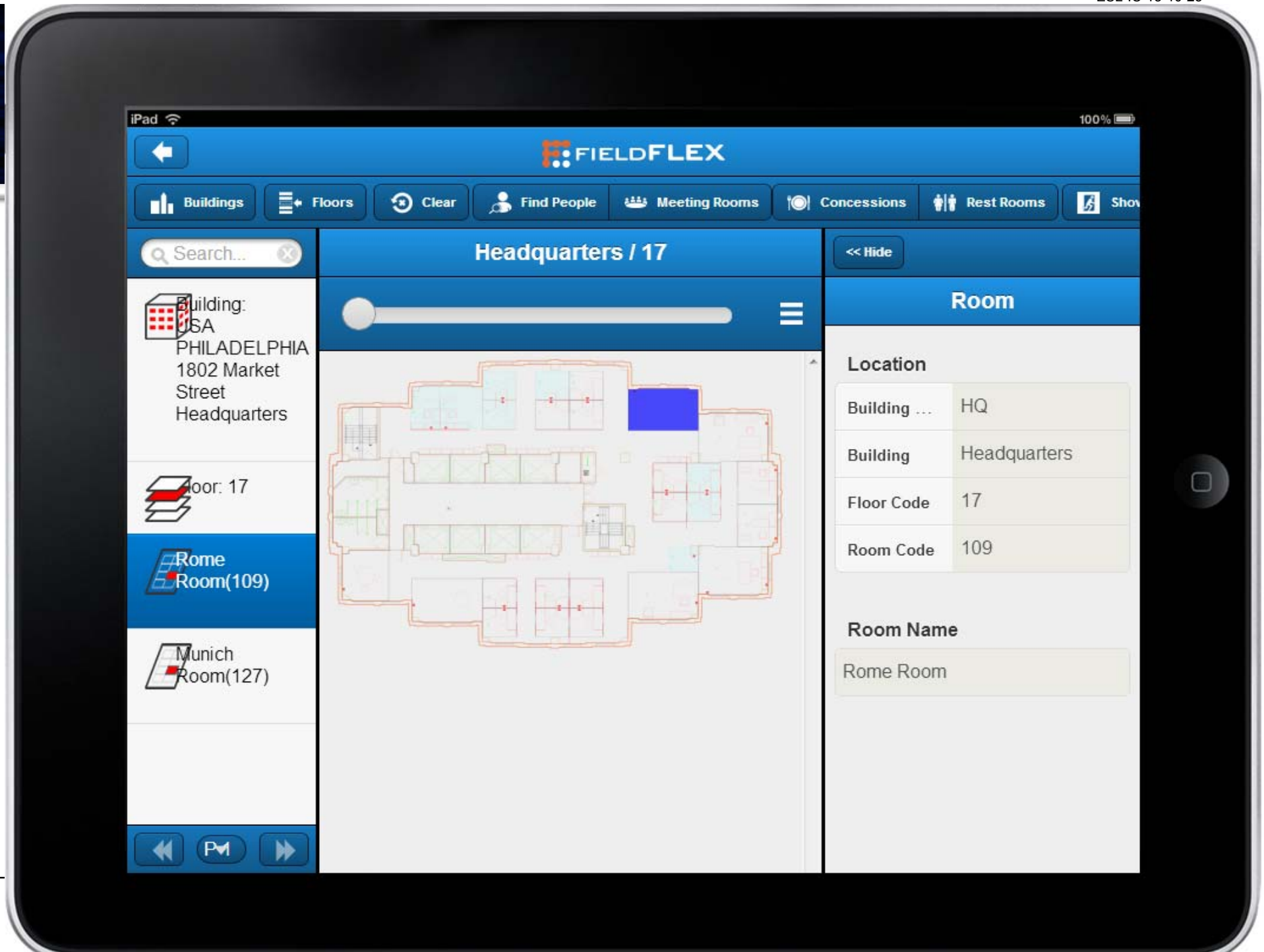


Self Service: how to engage the employees

- Expanding the use of corporate enterprise data
- Expanding the ability to collect information
 - Corporate Services Mobile Applications
 - Allow employees to search for a hoteling space
 - Allow employees, anywhere and anytime, to submit work requests
 - Locate amenities on a floor (printer, rooms,)
 - Allow employees to update their location
 - Mobile Kiosk





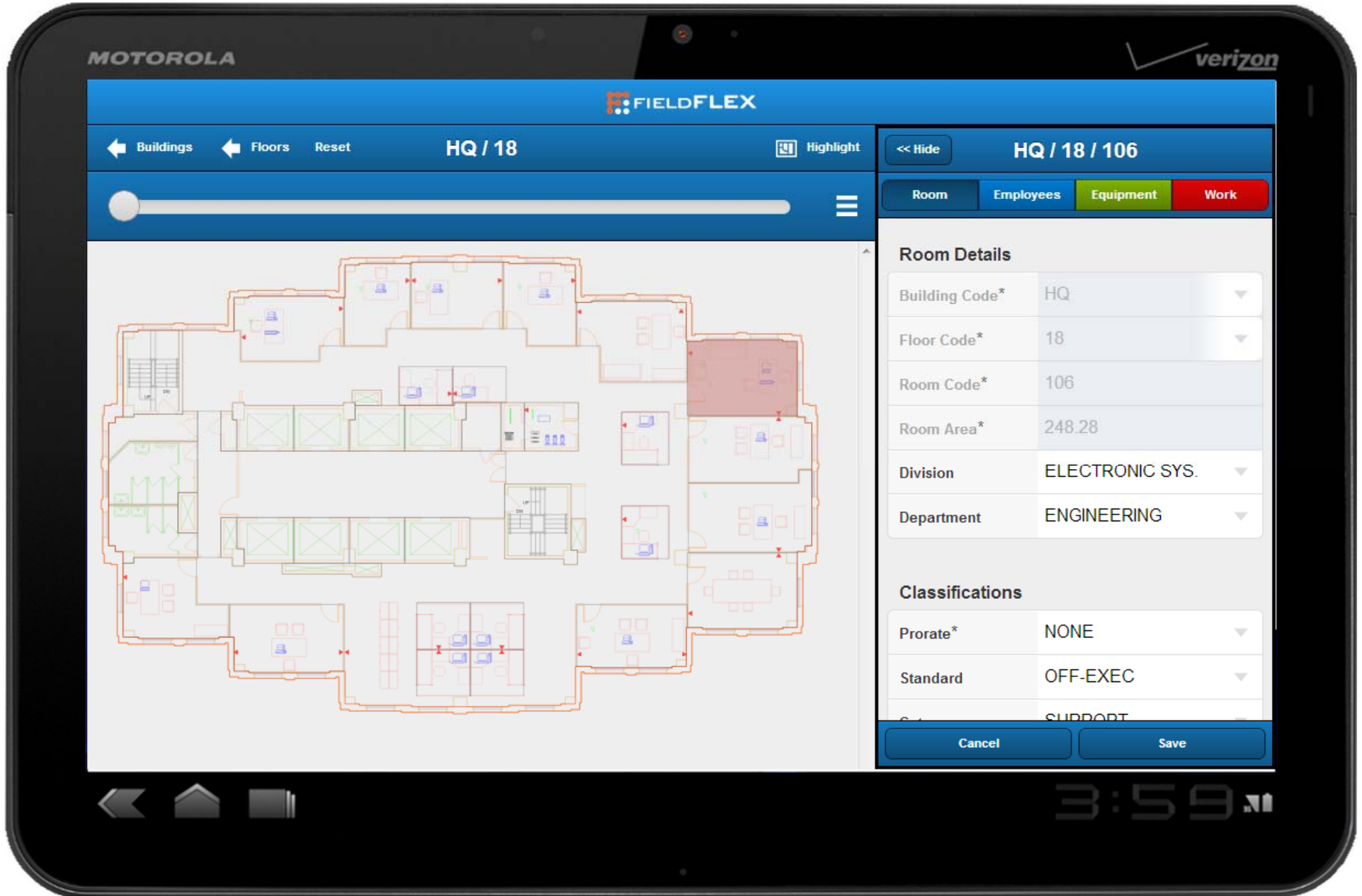


Drawings: what to expect on a mobile device

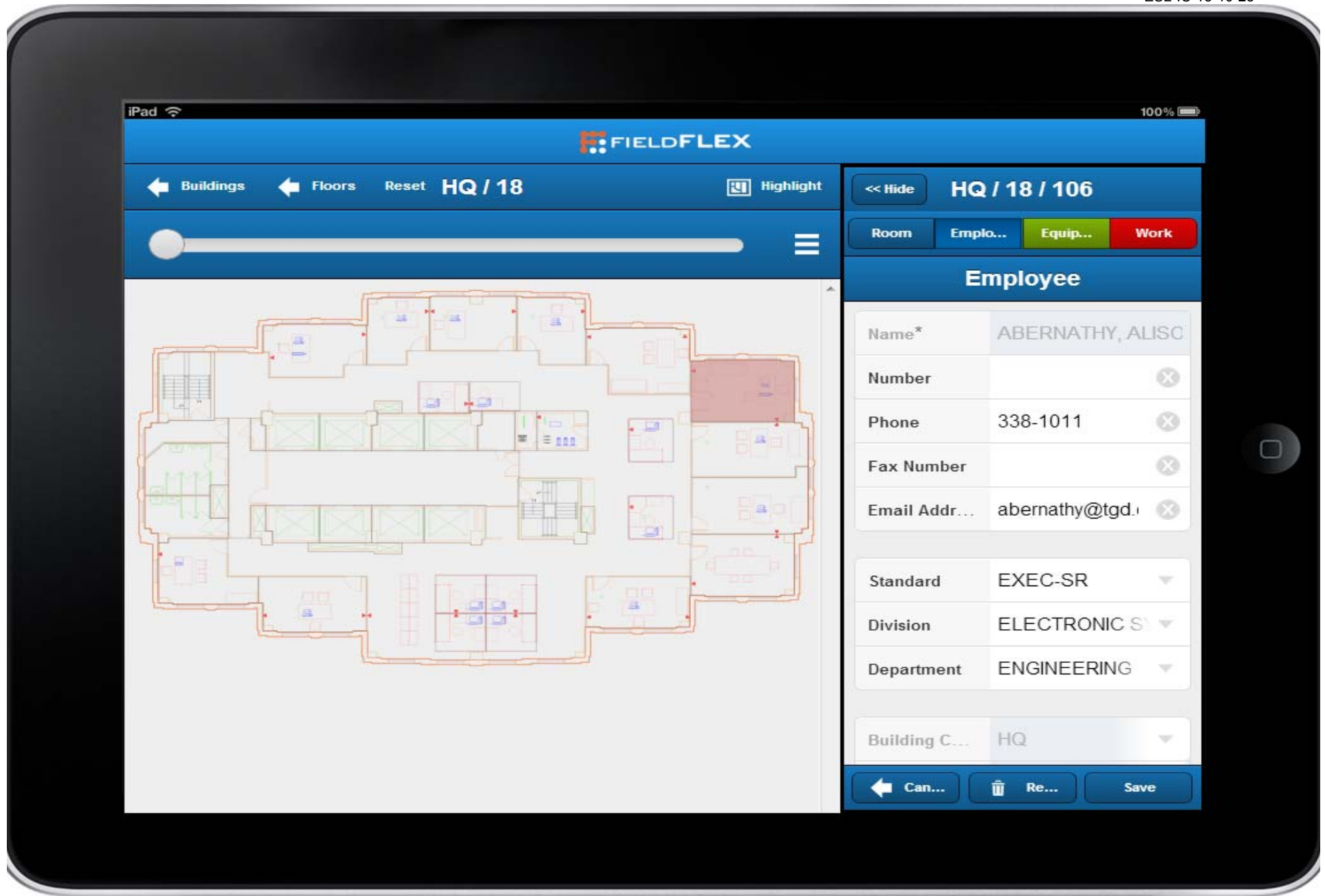
The two main discussion points:

- How clean are your drawings?
- What do you need from the mobile drawings?
- Things to consider:
 - Keep the layer list small and suitably granular
 - Standardize the layer set across all drawings
 - How are objects drawn or inserted
 - Do you have 3D objects or blocks
 - Are properties assigned by layer and not by block or object
 - Do you have nested blocks
 - Complexity and detail of predefined blocks

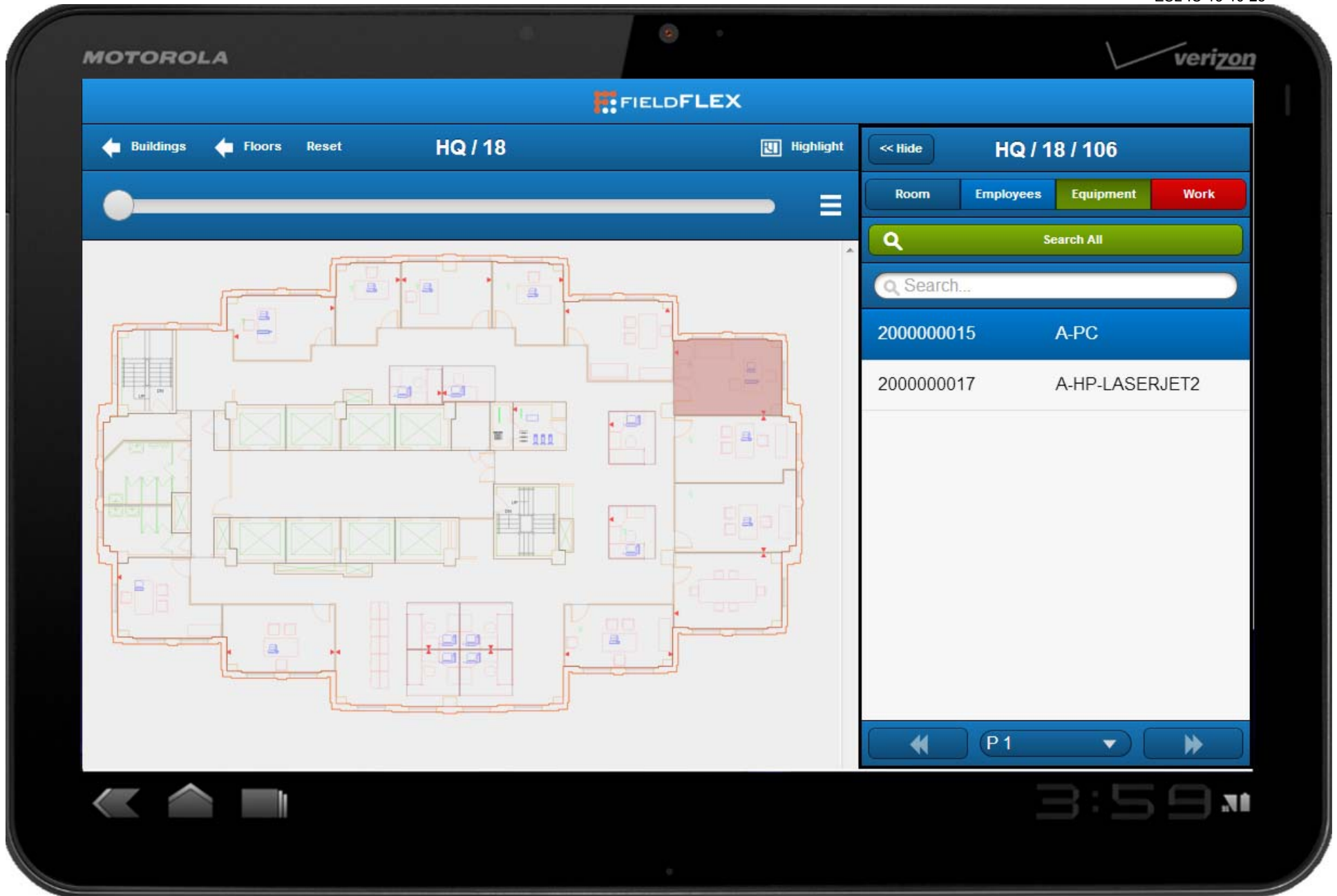




Facility Surveys



Facility Surveys



INSIGHT
EXPERTISE
RESULTS

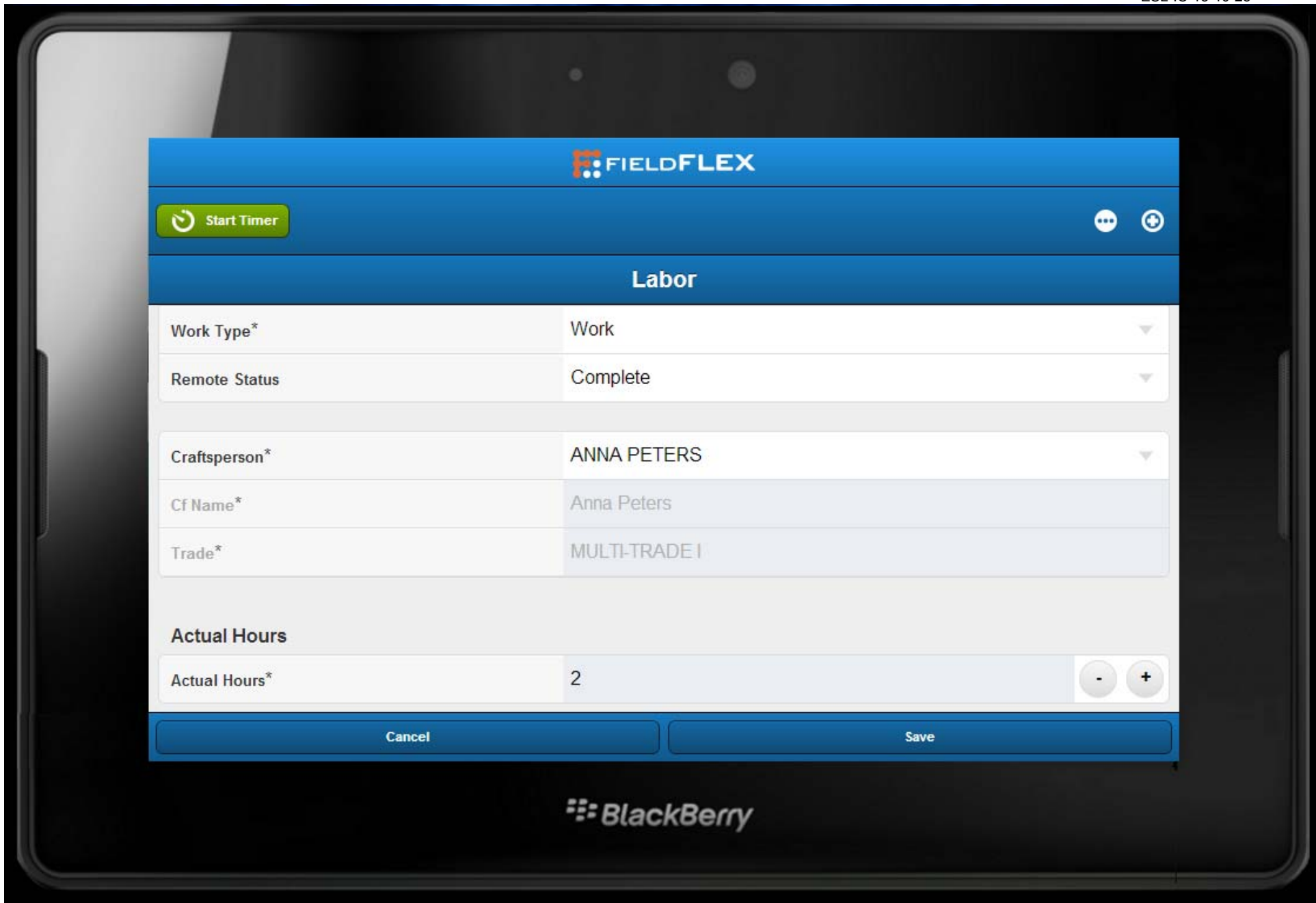
Facility Surveys

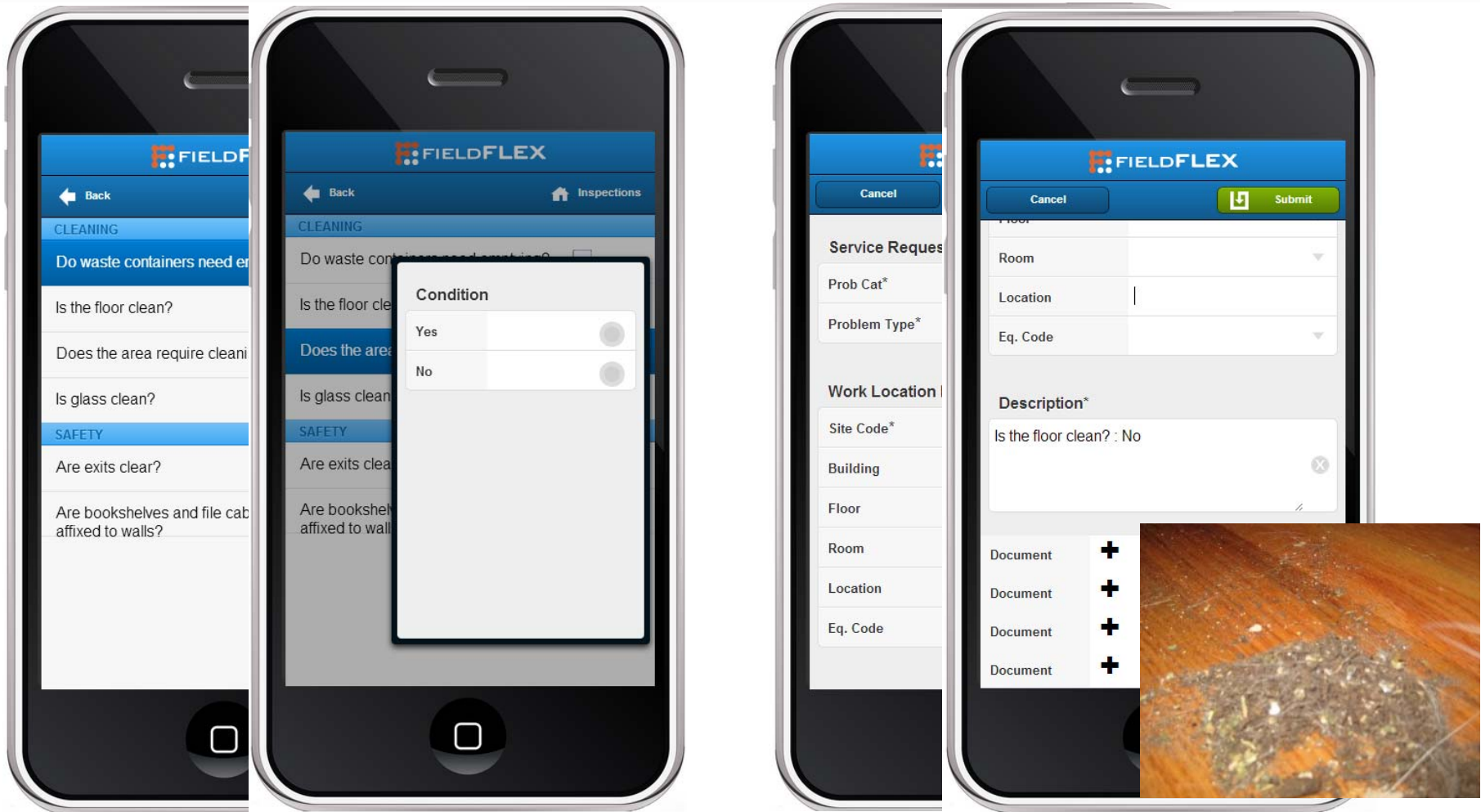
Workflow: do more in fewer steps with mobility

- Eliminate paper with instant walkthroughs
- Capture inspections electronically
- Automatically generate work orders from inspections
- Perform assessments on the fly
- Keep your supervisors mobile











Infrastructure: what your IT department is going to say or allow

- What do you ask them
 - Can I use a tablet?
 - Be specific
- What to expect
 - Major pushback
 - Nothing at all
- How and when to engage them
 - Now!
 - Ask about policies
 - Explain the business benefits



Infrastructure: what your IT department is going to say or allow

What they should care about (and so should you...)

- Security
- HTTPS
- Supports device encryption
 - Secure
- Device authentication during registration
 - BYOD
- Server side rules and mapping
 - Control
- Login
 - Device sharing
 - Active Directory
- Supports Support Mobile Device Management software





Key capabilities: Must Haves

- Intuitive and consistent user interface – forms use common tap and swipe navigation and the same across all platforms.
- Multi-field searching in grid forms using type ahead search techniques
- Data Persistence - the ability to continue to work while out of wireless coverage by downloading and storing data on the device
- Device personalization – data filtering by device and language localization





 FIELD FLEX

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Field Services



Workplace Navigator



Workplace Inspections



Asset Surveys



Facility Surveys



Asset Assessments



Space Reservations



Room Reservation



Move



Move Actions

INSIGHT
EXPERTISE
RESULTS

Extensive Mobile Functionality

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Questions

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Download the latest whitepaper

Mobile Drawings: The Art of Turning CAD Plans into Interactive Maps

Thank You