Hands On Tag Performance Measurements

April 27, 2009

RFID Lab

- 15,000 sq. ft. lab in Hanna's Candle Co.
- Replicates RFID in supply chain: dock doors, conveyor, impact doors, warehouse racking, forklifts, pallet wrappers, item level store, etc.
- Dirty Testing vs. Clean Testing
- Feasibility and Application Testing

UNIVERSITY of ARKANSAS

1871 ®

RFID RESEARCH CENTER

In the beginning…

Moving to Mobile

Zonal/RTLS Testing
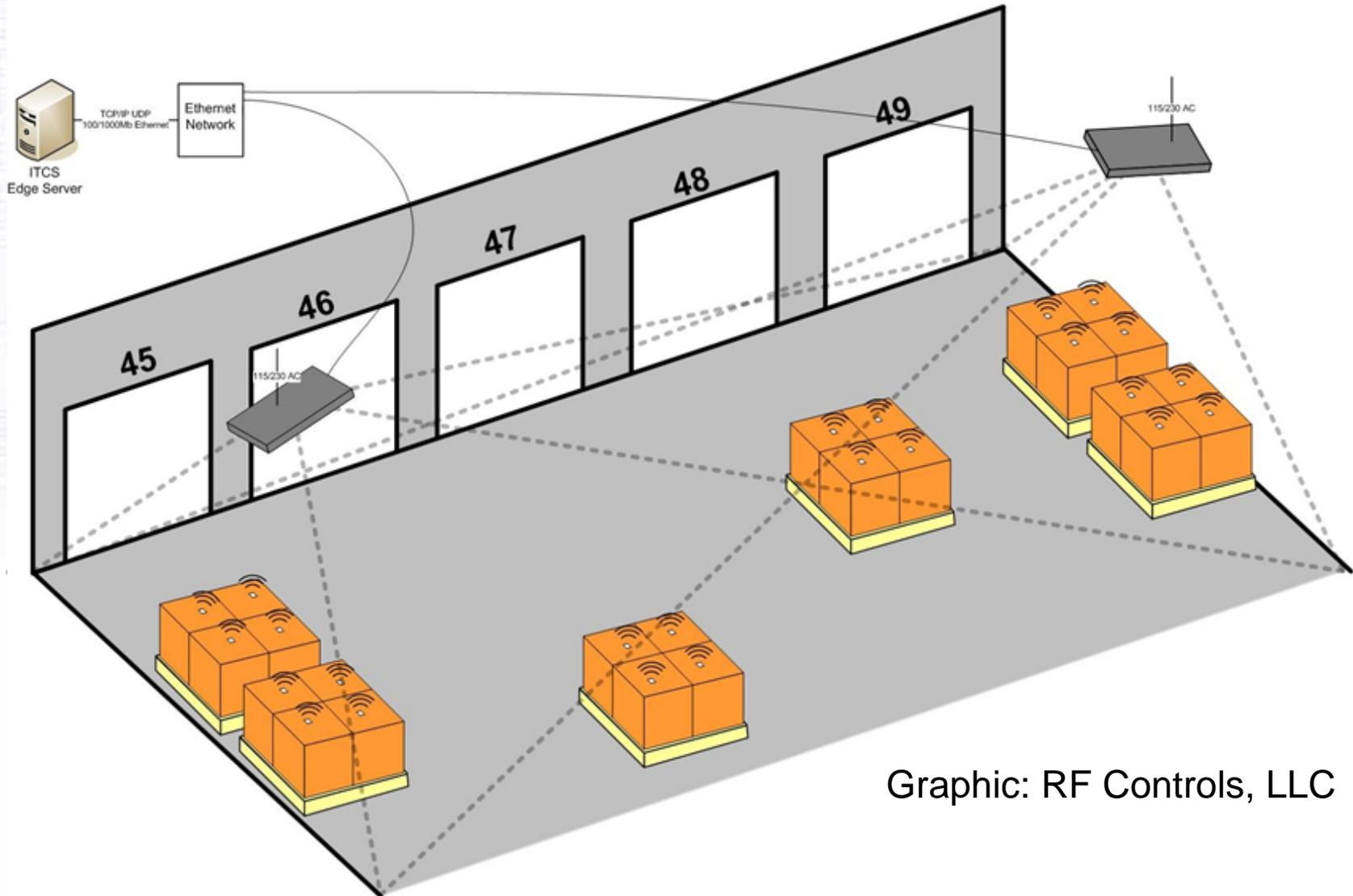
Graphic: RF Controls, LLC

Cold Chain – In the Field
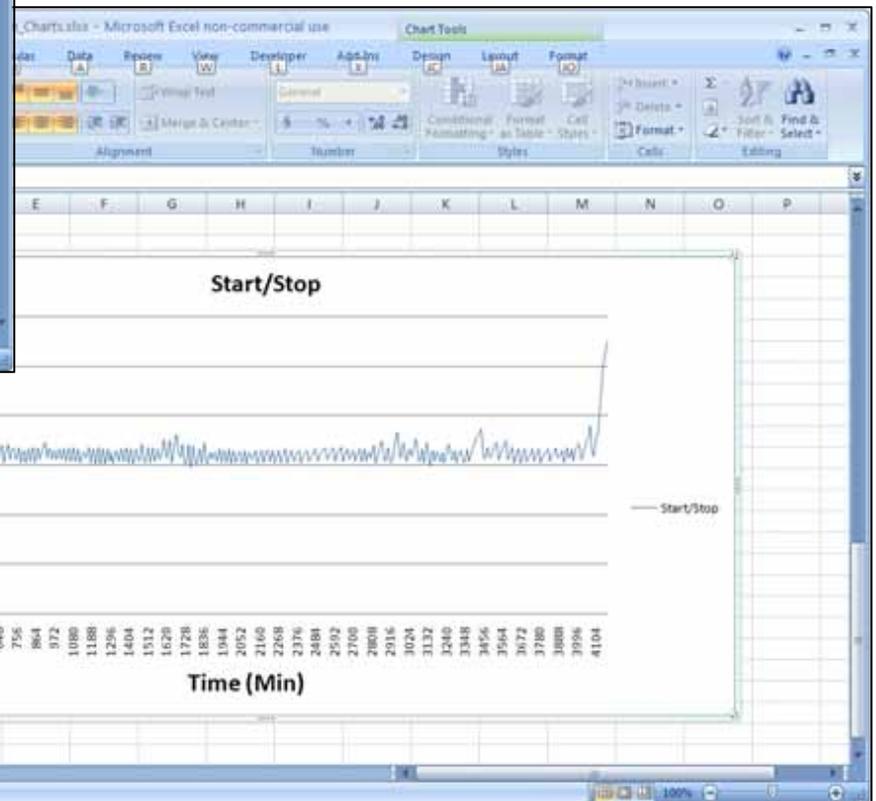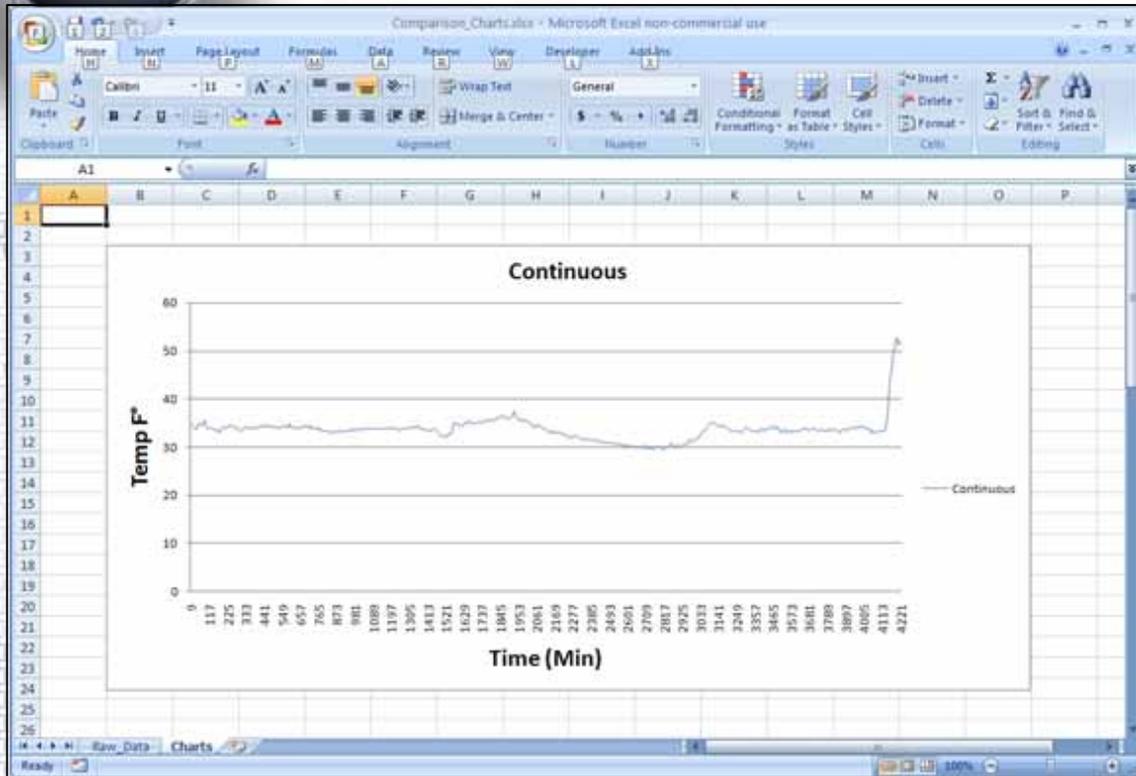
Developing Application Testing

- Identify the Goal
- Identify the Hardware to be Used (especially tags)
  - Selecting Hardware to meet criteria, or testing performance of hardware?
  - Have hardware support at hand
- Play with the Setup and Methodology
- Vet Test Setup
- Verify Repeatability
- Document, Test, Report
- Stick with your guns – the data doesn't lie

Justin Patton

Managing Director

jpatton@walton.uark.edu

479.236.5890

http://itri.uark.edu/rfid