RIT
REMOTE INTELLIGENT TERMINAL
What is RIT?

- REMOTE INTELLIGENT TERMINAL (RIT)
  - Electronic based work order system
  - Software
    - Input from agreement and non-agreement personnel prior to and during development
    - Developed in-house with Microsoft
    - Supported in-house
  - Hardware
    - 10” semi-rugged (IP67)
    - LAN/WWAN connectivity
    - 3rd party support
What is RIT (cont)
RIT - Benefits

• Decrease in Overall Cost
  – Paper – less paper being sent back
  – Overtime – crews not awaiting confirmation of paperwork received on other end
  – Time
  – Personnel – Estimated 20% reduction over 4-years through attrition

• Improved Reporting
  – Integration with other systems – allows customers to utilize NS eCommerce portal for logistics management
  – Real-time aspect gives customers improved visibility
  – Late releases show on device as crew starts working an industry allowing for removal if conditions are optimal
Hardware History
Device Requirements

- Requirements have evolved as devices and available technology has evolved
- Battery life, Durability, and Operability in harsh environments are key
GENERAL DYNAMICS DUO TOUCH II

- First production device rolled out
- Utilized Lotus Mobile Connect for WWAN connectivity
- External 6-cell battery
- Limitations and lessons learned
Mobile Demand T8700

- 2nd device during initial rollout
- Moved away from LMC and toward custom solution utilizing Sprint Smartview
- Initially 6-cell capable; 12-cell later which led to an initiative to replace all 6-cells
- After rollout completion it replaced GD devices already deployed
- Lessons learned
DAP MT1010

- 2nd Generation device chosen for field testing
- Timing of testing and roll-out
- Lessons learned
Panasonic FZ-G1

- 1 of 2 devices chosen for testing after DAP MT1010 testing issues
- Mechanical using for another project
Xplore Bobcat

- Tested side-by-side with FZ-G1 in field
- Current “Gen-2” production device
Conclusion

• Click to add text. Text is added.
  – It’s added here too
  – And here
    • And here
    • And here