

Going Beyond Data Collection

Esri Forestry GIS Conference

May 1-3, 2012



Rugged Handheld Trends

- What are the trends in the last ten years?
 - GPS is getting better, but still not great under canopy unless you want to really pay!!!!!!
 - Integrated common components – scanners, cameras, etc.
 - Handhelds are improving and less expensive
 - What about something that helps foresters do their job?



F4Devices

- Launched F4Devices in February of this year
 - Introduced the Flint at that time
- Focus of F4Devices is to provide rugged, value-added handheld solutions worldwide



Rugged Handheld for Forestry

- There are tools that foresters use, but are not integrated
- Must own, learn and maintain multiple devices from multiple vendors
- Why not design a rugged handheld to help address these issues?



What Features Would be Desirable for Such a Handheld?

- How about a built-in, affordable GPS that works great under canopy?
- How about a number keypad with functions that will hold up more than two years?
- How about it doing more than just data collection, why not data **MEASUREMENTS**?



Introducing the New Forge Echo From F4Devices

GPS yields
2-3 meters
under
canopy

Magnesium
baseplate to
protect the the
keys better
than most units
on the market



But the most
unique thing it
does is
measure
distance and
height – all
built-in!

Transponder



Distance Application



Height Application



What Are the Benefits of the Forge Echo?

- Finally, a highly accurate and productive GPS under heavy canopy you can afford
- Rugged keyboard, IP-65/67 specs
- Measure distance and height
 - Directly entered into your data collection program
 - Much, much more affordable!
- **What about the color?**



More Benefits of the Forge Echo

- Combine support to one vendor
- Consolidate power sources
 - Specified to work for full day's work/charge
- Learn **ONE** device with many functions rather than many devices with many functions
- Less to carry in the field



Bottom Line

- Get more done with less time and expense



When?

- We have a couple of pre-production units to show at this conference
- Scheduled to be released in the summer of 2012



How to Find Out More

- Come see our field demonstration on Thursday at station 2
- Come by our booth
- Look for official announcements soon





**F4
TECH**

foresters leading innovation

