

The VELCO logo is displayed in a bold, white, sans-serif font. The background of the slide features a scenic view of rolling hills with trees in autumn colors, and several power line towers are visible in the distance.

VERMONT'S TRANSMISSION RELIABILITY RESOURCE

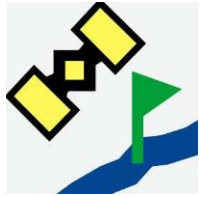
Reporting in the Field:

Mobile Solutions Utilizing ArcPad Customizations and InfoPath Forms

Created by:
Andrew Flynn
GIS Technician
(802)-770-6239
aflynn@velco.com

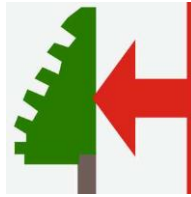
Who is VELCO? Transmission Only

- **VT TRANSCO LLC: Owns the Assets**
 - Transmission Lines: 738 Miles of 115 kV to 450 kV D.C.
 - Transmission Facilities: 56
 - Acres of Rights-of-Ways: Approx. 12,400
- **Vermont Electric Power Co., Inc. (VELCO): Employs the Workforce**
 - Employees: 150 (Permanent and Contracted)
 - Incorporated in 1956
- **Vermont Electric Transmission Co. (VETCO):**
 - The Line Crew



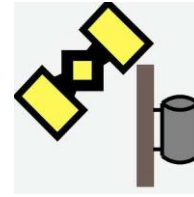
Environmental Inventory Program (EIP)

- Data collection of environmentally sensitive data.
- Wetlands, Streams, Vernal Pools, and Rare Threatened or Endangered Species.



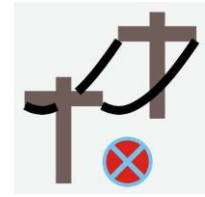
Vegetation Inventory Program (VIP)

- Management of vegetation within the right of way.
- Danger Trees, Special Trees, Widen ROW, and Treatment Areas.



Telecommunication Inventory Program (TIP)

- Data collection for the Fiber Optic Network
- Splice Cans, Slack Loops, Spans, and Structures.



Line Crew

- Inspection of the line, and flagging issues in the line.
- Structure flag, Survey Point Clearance Analysis.



ArcPad

Requirements

- The ability to create populated forms using data collected in the field.
- Print and sharing functionality.

Solutions

- The conversion of shapefiles to Geodatabases, and exported as .axf files.
- Create dynamic .xml files that leverage data within ArcPad, which then can be read by InfoPath.
- Automation of the save and print capabilities for InfoPath forms to create PDF files.



ArcPad

Please feel free to contact me

Andrew Flynn
GIS Technician
(802) 770-6239
aflynn@velco.com

<https://webgis.velco.com/InfoNet>