

MDRP: Cybersecurity Visual Analytics

- Personnel: Hanrahan, Gerth, Cleveland, Yuan
- External Partners: US-CERT Operations, PNNL
- Goal – Understand what factors make effective visual tools for network cybersecurity defenders.
- Approach:
 - Interactive analysis in massive datasets
 - Model network traffic across all scales
 - Incorporate semantic data from disparate sources
- Outcomes:
 - Models for network traffic at multiple scales
 - Visual integration of data from a federation of models
 - Prototype tools for modeling and analysis in large datasets

