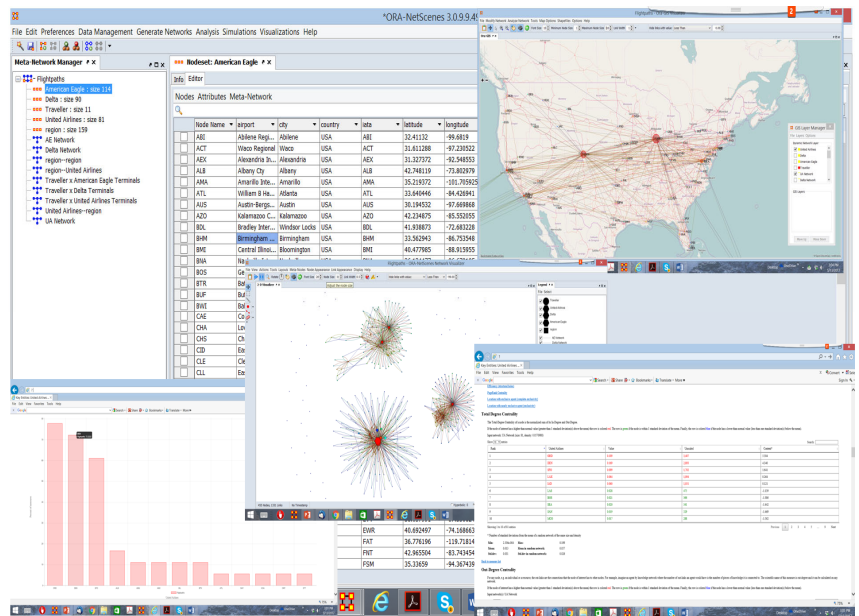


# ORA

## Dynamic Network Analysis

- ✓ Trends for metrics
- ✓ Trends for nodes
- ✓ Through time visualization
- ✓ Comparative statistics for two time periods
- ✓ Forensic change detection
- ✓ Fourier analysis for pattern of life assessment and anomaly detection
- ✓ Immediate impact assessment for network change
- ✓ Near term forecasting for network change



## Geo-Enabled Dynamic Network Analysis

- ✓ Complex “meta” networks
  - who, what, where, how, why and when
- ✓ Key Features
  - Network visualization
  - Network analytics
    - Key actor, location, idea ...
  - Network dynamics
    - Network comparison
    - Change detection
    - Trend analysis
  - Path identification
  - Link inference
  - Trail analysis and visualization (who was where when)
  - Pattern analysis
    - Extraction of patterns of particular importance in law enforcement such as working cells
  - Node and link attribute assessment

**NodeL**

**Trail Analysis**

**Heat maps**

**Change detection & Fourier analysis**

**Network Visualization**

**Actor Analysis & Trails**

**Networks maps**

- Network analytics
- Network visualization 2D & 3D
- Big Data > 2 mil nodes
- High dimensional networks
- Semantic networks
- Geo-spatial network analytics
- Dynamic network analytics & visuals
- Covert group detection & hidden networks
- Social media analytics
- Key actors
- Community detection
- Compare & contrast networks
- Team assessment
- Advanced graphics
- Designed to interoperate with other tools
- Extensive help & support

**Jane Doe**  
Recommended next steps  
• Bone Densitometry  
• Pulmonary Function Test  
Failed follow-up is likely to result in  
• Emergency

All Metrics and Visualization capabilities are in ORA-PRO.