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

All Metrics and Visualization capabilities are in ORA-PRO.