Case Study: Bio-surveillance Common Operating Picture (BCOP)

- Enables the coherent assessment of global biological events through the synthesis of disparate data sources displayed simultaneously behind a single user interface
- Built on TCAT’s Information Dashboard Framework (IDF) that supports user-defined operational pictures through “pluggable” components
- Supports multiple levels of information access

- Funded by the Department of Homeland Security
  - Total funding: $395.5K over 2 years
  - Funding included both development and support
  - Operational system was securely hosted at Texas A&M University for more than one year
  - Short turnaround on the initial operational capability because of a priority requirement to track avian influenza (H1N1)

- Results
  - Operational on the protected Homeland Security Information Network (HSIN)
  - 24/7 usage by the DHS National Bio-surveillance Information Center (NBIC) for tracking biological incidents around the world
  - Awarded the 2010 DHS Science and Technology Impact Award
  - Reusable components leveraged for other government-funded IDF projects