

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