

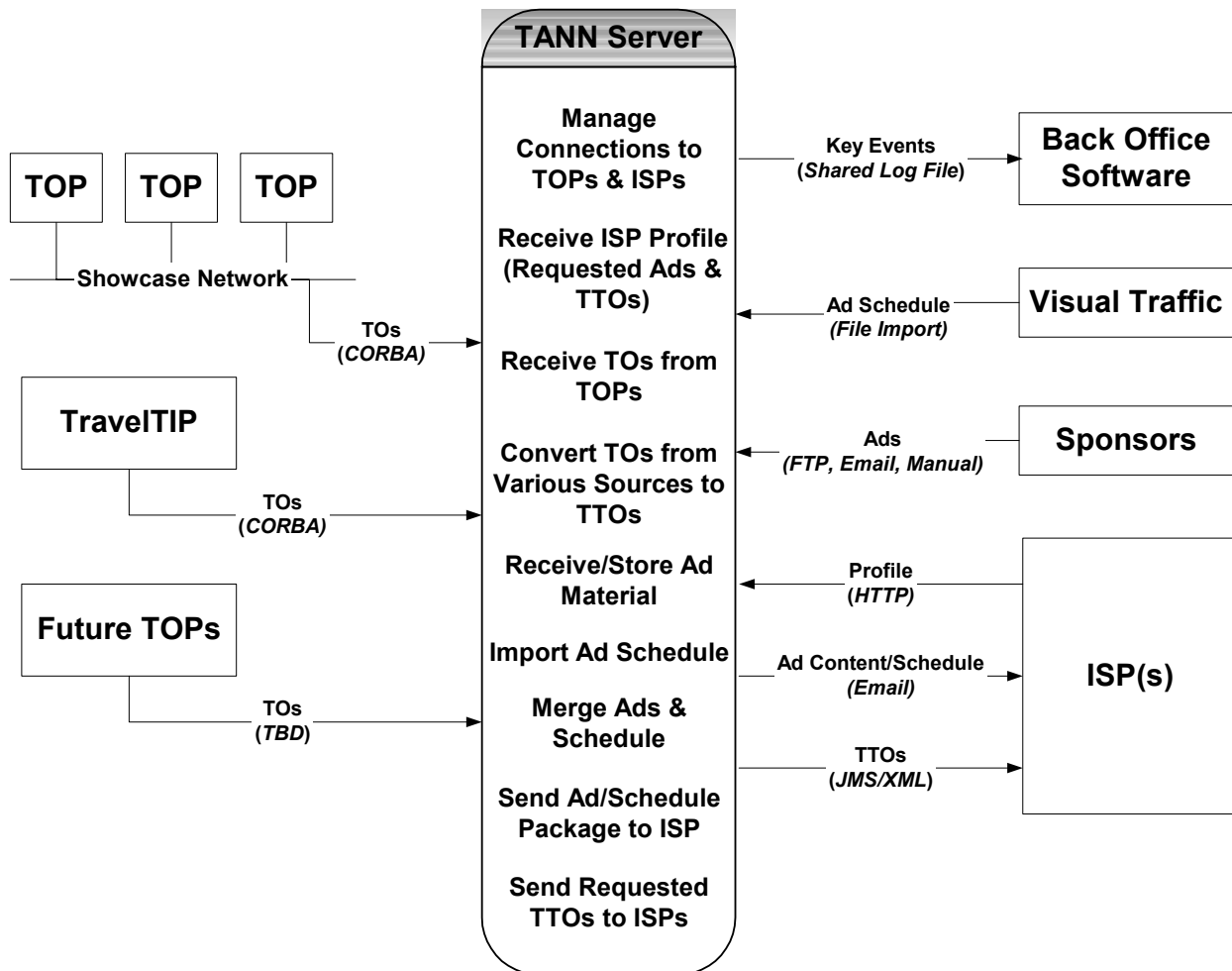
The Travel Advisory News Network (TANN) is an information system that pulls real-time traffic data off a Showcase network and distributes the data to commercial Information Service Providers (ISP). The ISPs reformat the data in a variety of ways (radio, pager messages, TV clips, icons on a web site map, etc.) and distribute the data to ends users via cable TV, hand-held wireless computers, the Internet, automobile PCs, paging systems, and the like.

ASEG played a key role in the following activities:

- Translate user requirements into a TANN Server system architecture;
- Perform use case analysis and develop the TANN data model;
- Perform trade studies and evaluate candidate technologies;
- Design and implement system software.

The TANN Server software is made up server components and user interface components. As shown below, the primary purpose of the server is to 1) accept transportation data; 2) convert the data to a TANN XML format; 3) forward TANN Transportation Objects (TTOs) to data consumers; and 4) forward advertisement information to ISPs. The user interface (GUI) component enables the TANN user to configure and administer the server in its performance of its functions.

The TANN server uses a J2EE architecture centered on the use of Java Servlet, Enterprise Java Bean (EJB), and Java Messaging Service (JMS) capabilities provided by BEA Corporation's application server, WebLogic. The server accepts data from external systems using CORBA, JMS, and TCP/IP technologies.



**For more information,** please contact ASEG Inc. at (858) 550-0500.