

Kansas City Scout Operations Model

The figure below illustrates the factors involved in KC Scout operations. The three interior circles represent the personnel, field devices, and systems that comprise Scout itself. Each circle has a life cycle in Scout operations.

The life cycle is important because devices have different acquisition sources (they may have been purchased by a DOT or Scout, through a vendor or contractor). Devices have various warranties, repair procedures, and security measures. Tracking this information provides a valuable history of Scout assets. This information may be used to assess Scout's performance, the performance of specific devices, and future purchasing decisions.

Outside the circles, but inside the KC Scout triangle, are agencies and systems that integrate closely with Scout operations.

Outside the Scout triangle are three areas that interface with and influence Scout: other agencies, other DOT divisions, and roadway conditions and incidents. Traffic and roadway conditions are triggers that cause activity within Scout, and then Scout responds to these conditions. Scout interacts with these areas to fulfill its primary mission: enhance safety, improve traffic flow, and reduce congestion, fuel consumption, and emissions.

Traffic Operators are an important part of Scout operations. The actions and communications of operators affect the performance and efficiency of other groups. Operators play an especially important role in helping to managing incidents and keep the traveling public safe.

