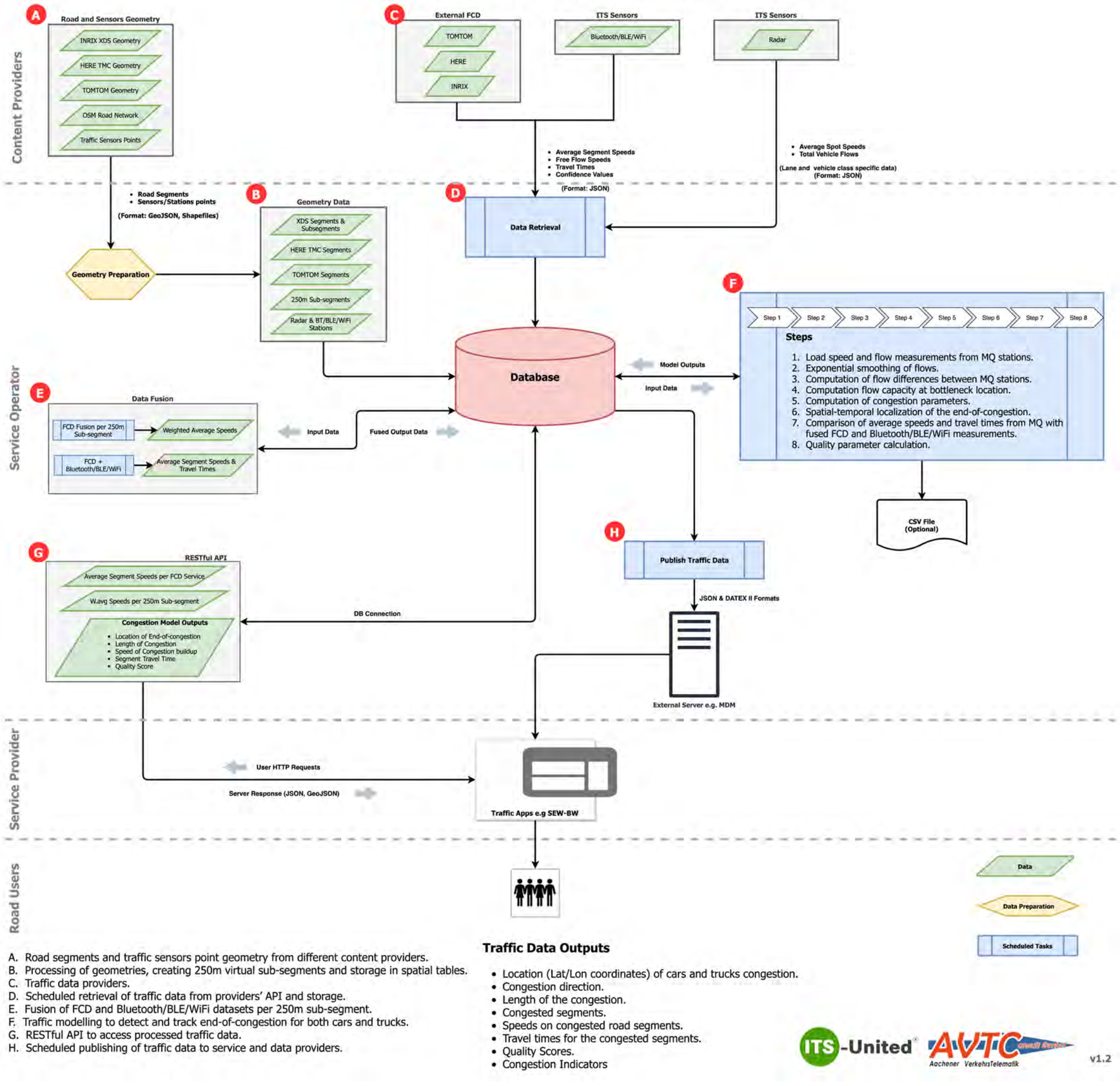
MobiArch: Stauendealarm Process Modelling



A. Road segments and traffic sensors point geometry from different content providers.
B. Processing of geometries, creating 250m virtual sub-segments and storage in spatial tables.
C. Traffic data providers.
D. Scheduled retrieval of traffic data from providers' API and storage.
E. Fusion of FCD and Bluetooth/BLE/WiFi datasets per 250m sub-segment.
F. Traffic modelling to detect and track end-of-congestion for both cars and trucks.
G. RESTful API to access processed traffic data.
H. Scheduled publishing of traffic data to service and data providers.

Traffic Data Outputs

- Location (Lat/Lon coordinates) of cars and trucks congestion.
- Congestion direction.
- Length of the congestion.
- Congested segments.
- Speeds on congested road segments.
- Travel times for the congested segments.
- Quality Scores.
- Congestion Indicators

ITS-United AVTC Aachener VerkehrsTelematik

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