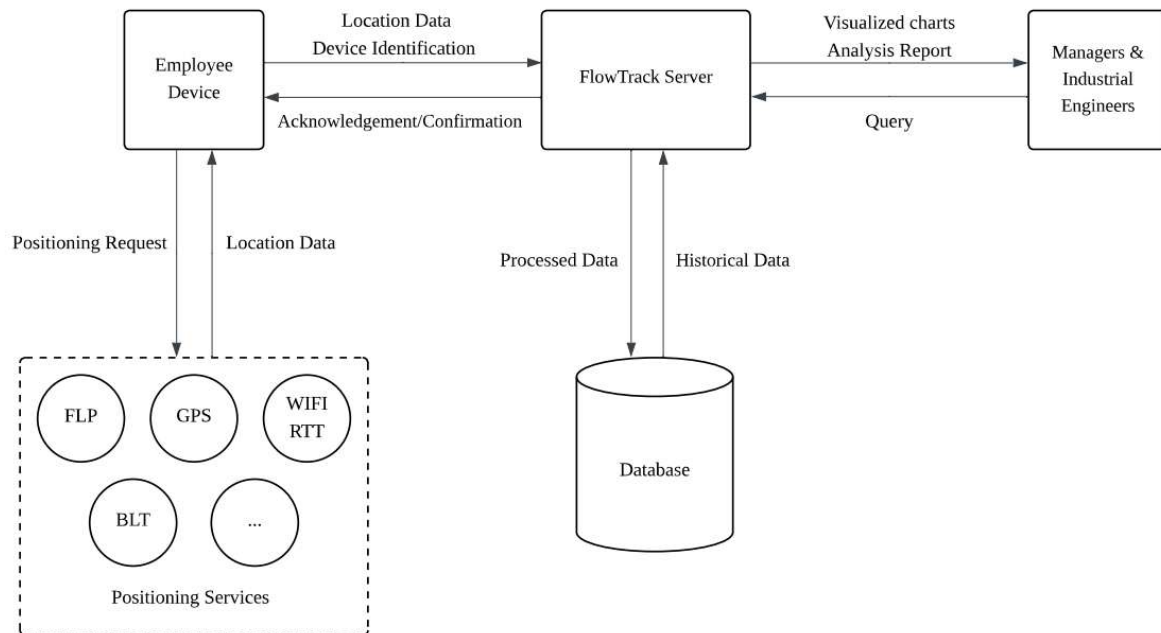


FlowTrack: Employee Traffic Monitoring System

Context Diagram



Actor	Workflow	Data In	Data Out
Employee Device	During the work period, continuously upload the employees' location information and bind the device identifiers.	Location data (GPS/WiFi RTT/FLP/BLT...) and bonded device id	Acknowledgement/Confirmation
Positioning Services	Providing positioning signals through external services and hardware	Positioning request	Location data
Managers & Industrial Engineers	Submit the query to view the visualized results (heat maps, from-to diagrams, etc.) location information and efficiency analysis.	Command query	Heat maps flow charts, and statistic reports
Database	Storage and provision of historical data	Processed and cleaned data	Historical data, location data and device ID stored before