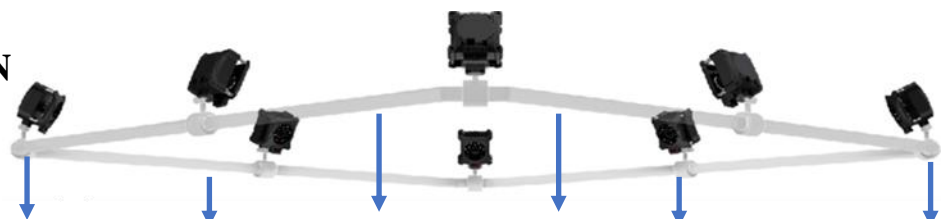


**FZMOTION  
MOTION  
CAPTURE  
SYSTEM**



**Environmental  
Information**

**Spatio-Temporal Risk Map Building**

**Dynamic Safety Corridor Generation**

**Trajectory Optimization**

**Optimized Trajectory**

**Pose  
Velocity  
Task**

**Vehicle  
Parameters**

**mocap  
camera**

**lane  
marking**

**Obstacle  
vehicle**

**Ego**

**WIFI-antenna  
NVIDIA  
Orin Nano**

