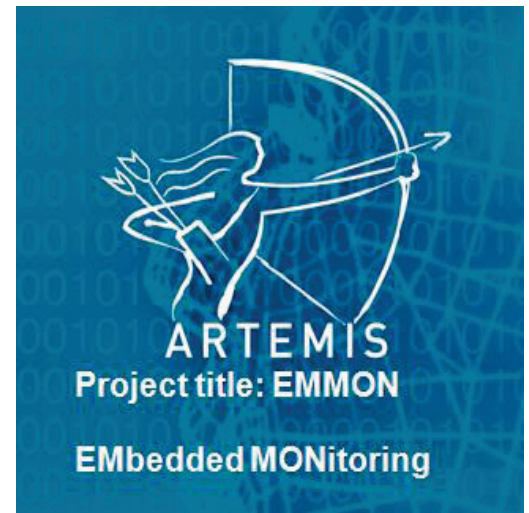
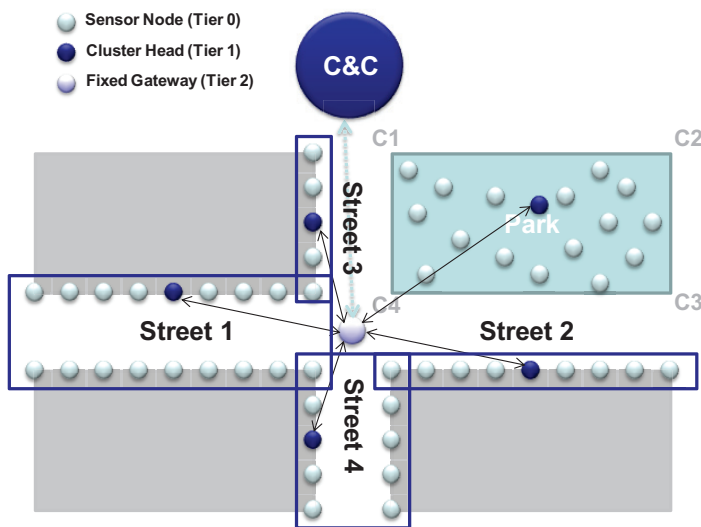




EMMON Middleware: Middleware for Large-Scale WSNs

Middleware High-Level API



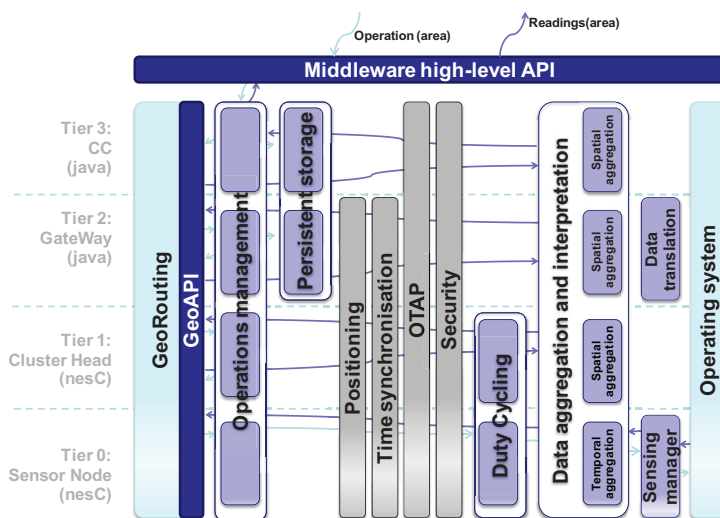
```
SetReport(handler, Street1, AVG, CO2,
2min,30min,0,25);
```

reporting period QoS class spatial aggregation threshold location spatial aggregation type sensorType

```
SetAlarm(handler, (C1,C2,C3,C4), MAX(TEMPERATURE)>30,5min,1min,20s,5)
```

alarm condition condition duration normal tolerance alarm tolerance QoS toleranceclass

Middleware Architecture



In-network Aggregation

