



Vineyard Project

INTERNET OF THINGS

What is required

1. Study empty plots
2. Monitor vineyards
3. Provide stats
4. Provide alerts

Study empty plots



Study empty plots



Study empty plots



Study empty plots

Study empty plots for a period of years

Measure soil temperature

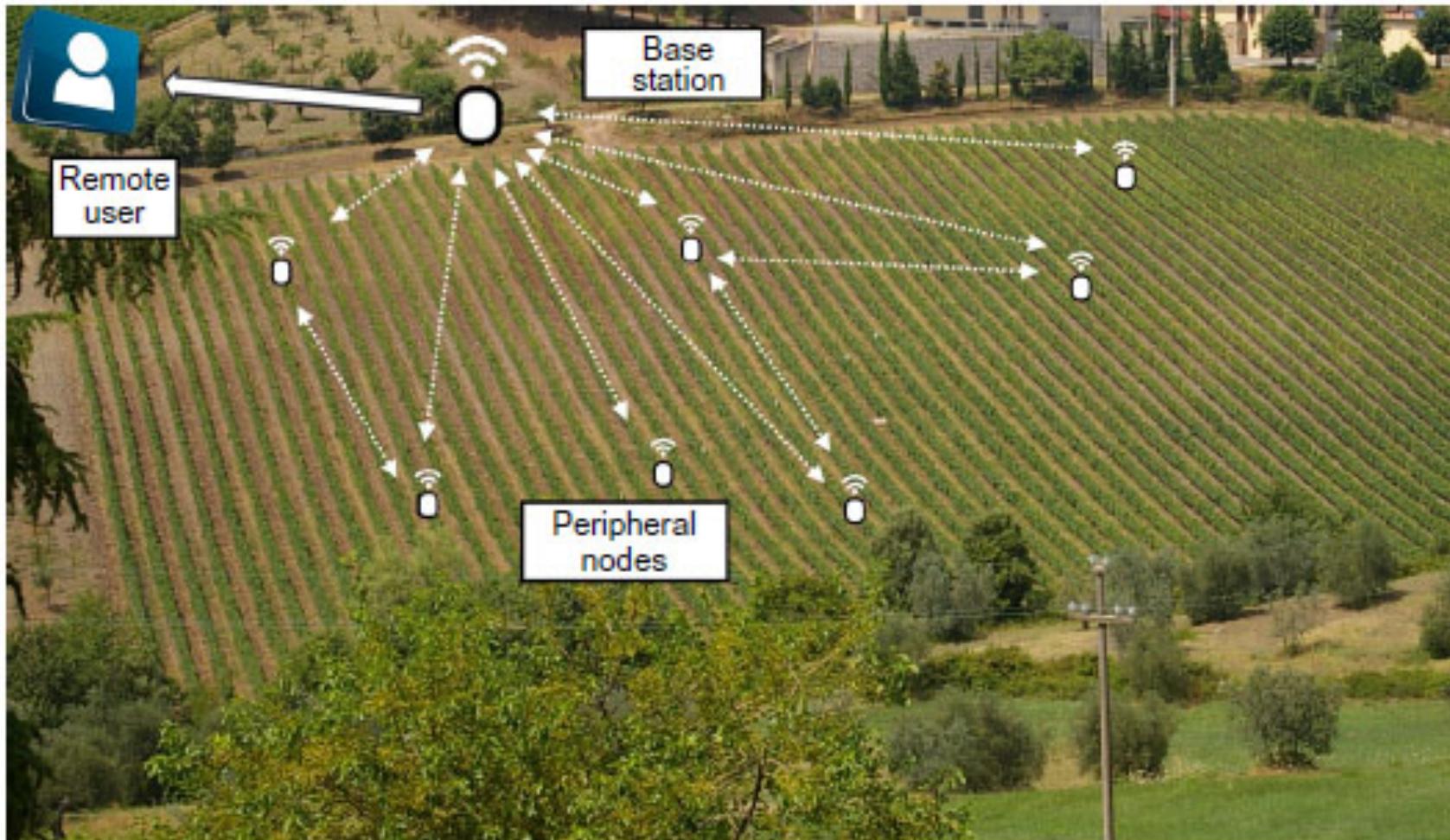
Measure soil humidity

Gather statistics

Data analysis

Decide

Monitor Vineyards



Monitor Vineyards



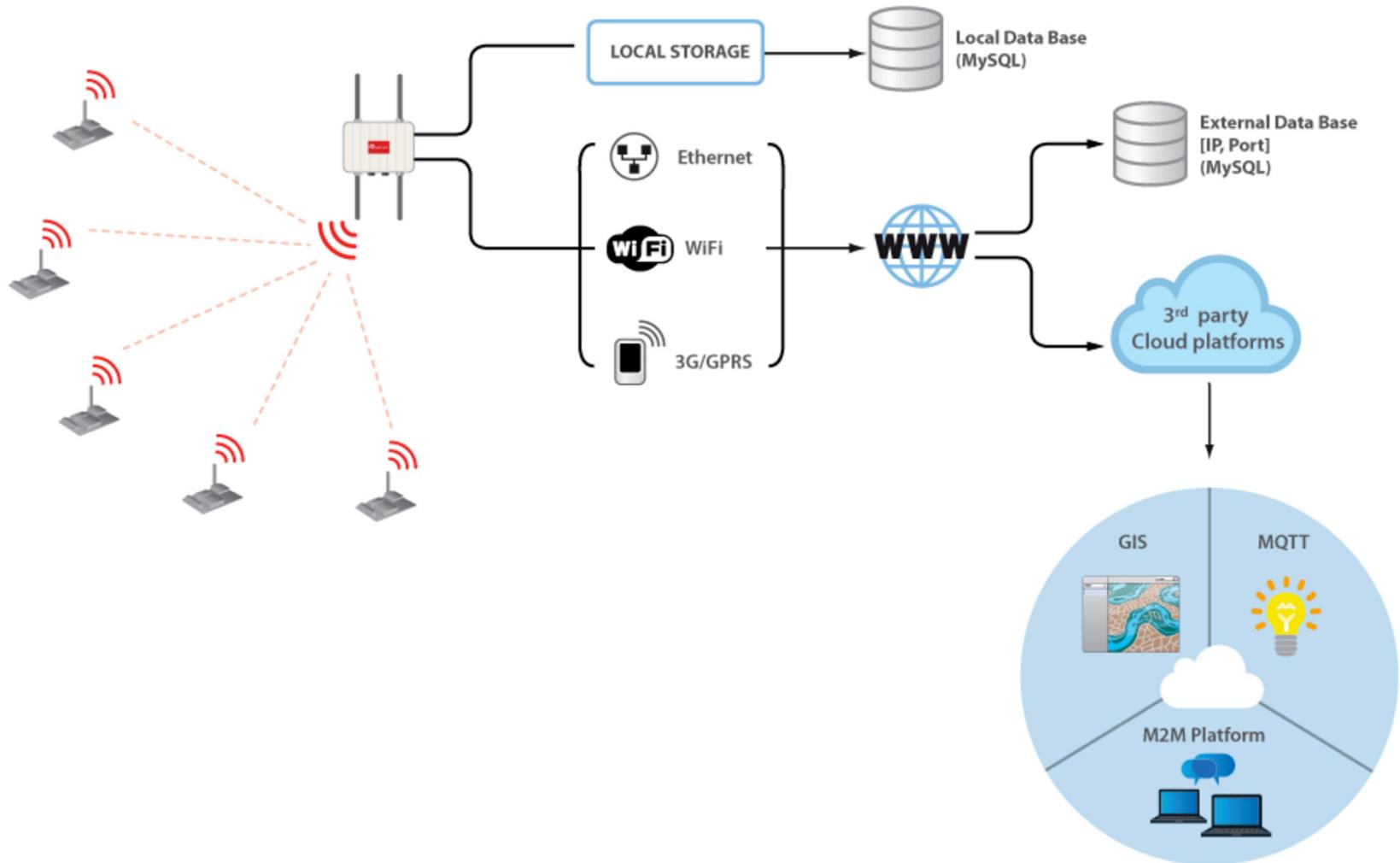
Monitor Vineyards

Sensor Socket	Parameter
A	Humidity + Temperature (Sensirion)
B	Atmospheric pressure
C	Soil temperature
	Soil moisture
D	Weather Station WS-3000 (anemometer + wind vane + pluviometer)
E	Soil moisture
F	Leaf wetness
	Soil moisture

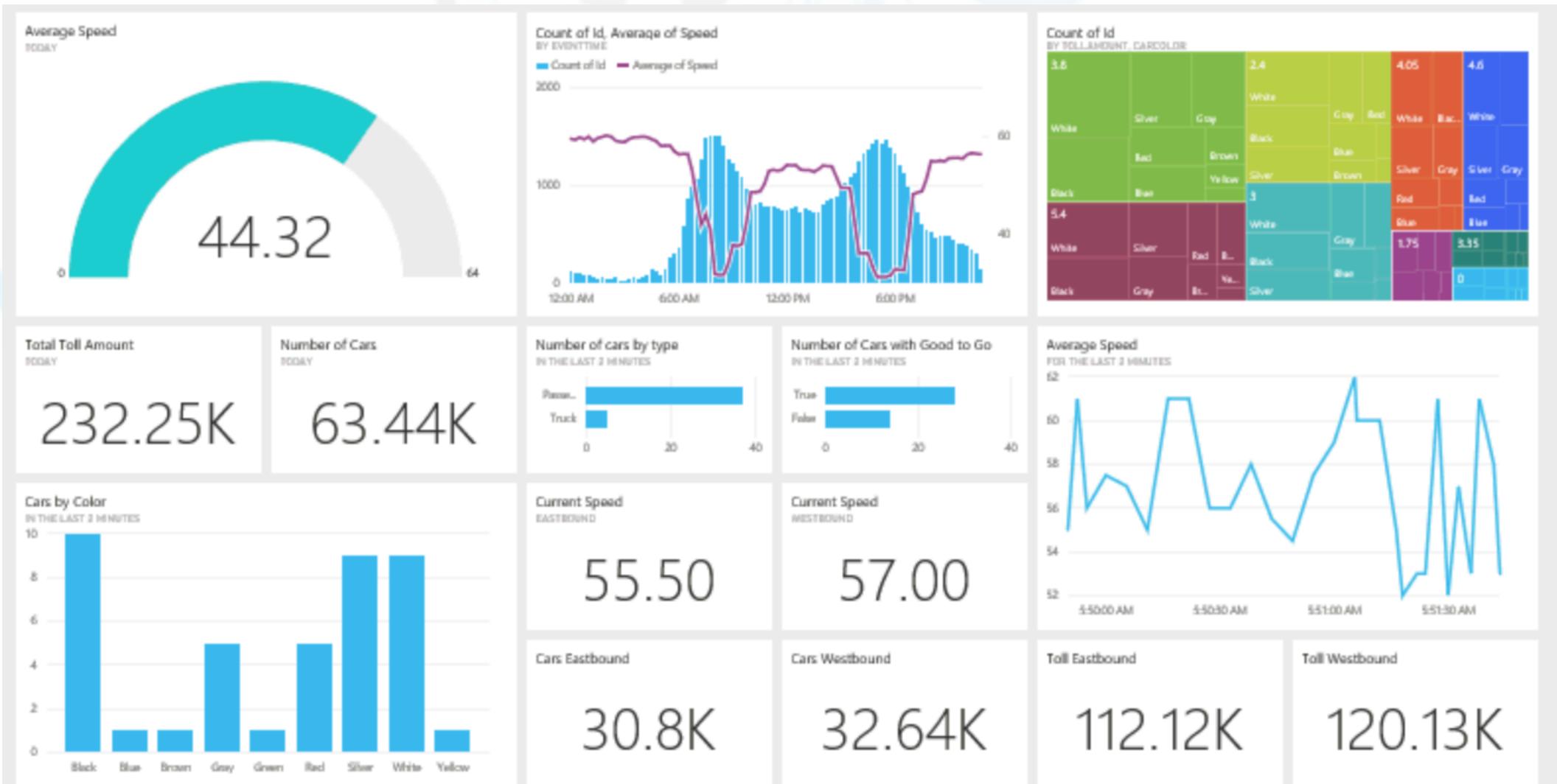
Monitor Vineyards

Sensor Socket	Parameter
A	Humidity + Temperature (Sensirion)
B	Soil temperature
C	Solar radiation
D	Soil temperature
	Soil moisture
E	Dendrometers
	Soil moisture
F	Lear wetness
	Soil moisture

Networing



Reporting



Alerting





Thank you !!!