Example of Massive IoT testbed architecture

PLC

LoRa Terminal

LoRa Network

2.5G/3G/4G Internet Network

Acquisition Module

LoRa Protocol

TCP/UDP/IP
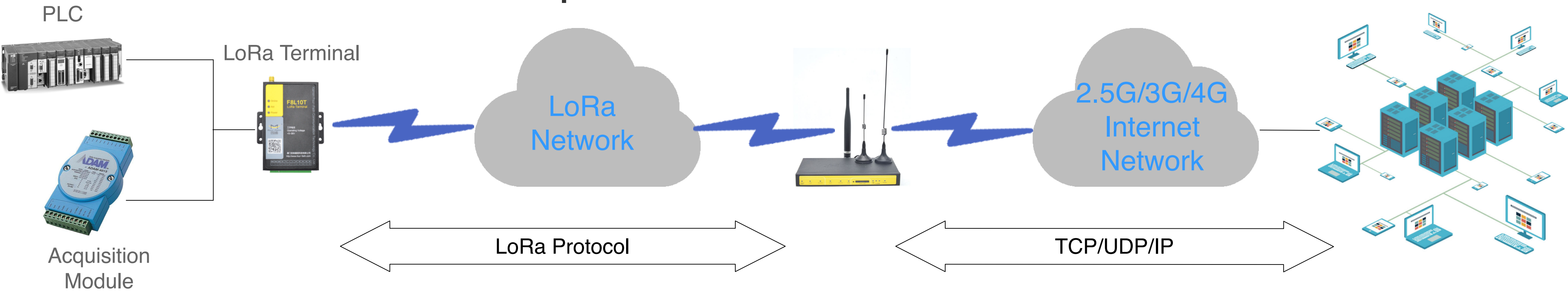
Example of Massive IoT functional architecture

CoAP/MQTT

Protocol translation + Aggregation+ TCP optimization+ header compression

Satellite transport

MQTT w/ Head. Comp.

Header decompr

MQTT

MQTT subscr.

MQTT publisher

CoAP sensor