

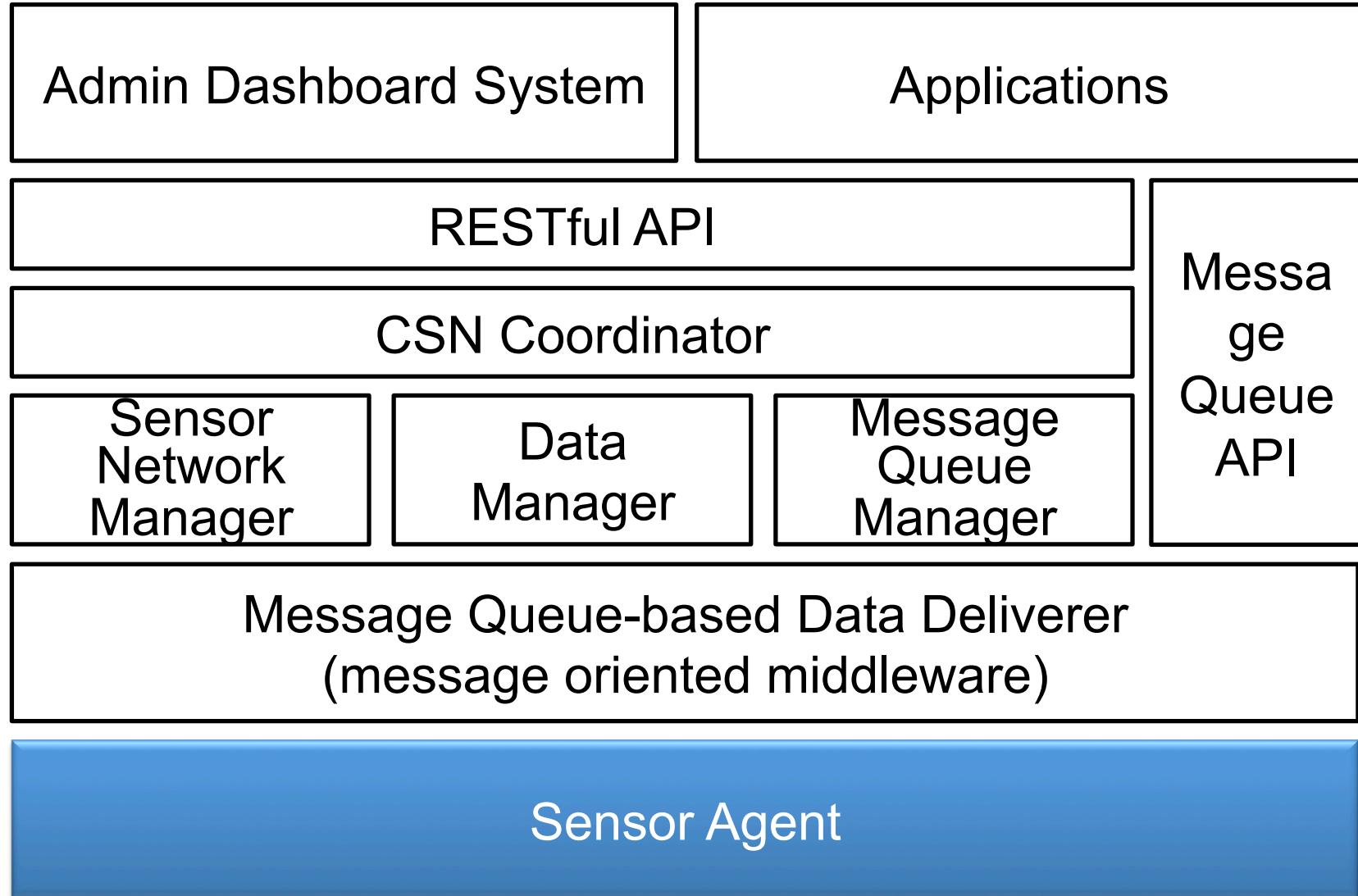
CSP - Conceptually Manageable Sensor Pod on Raspberry pi & Edison board

Presented by
Changquan Piao
Dept. of Internet & Multimedia Engineering
Konkuk University Seoul, Korea

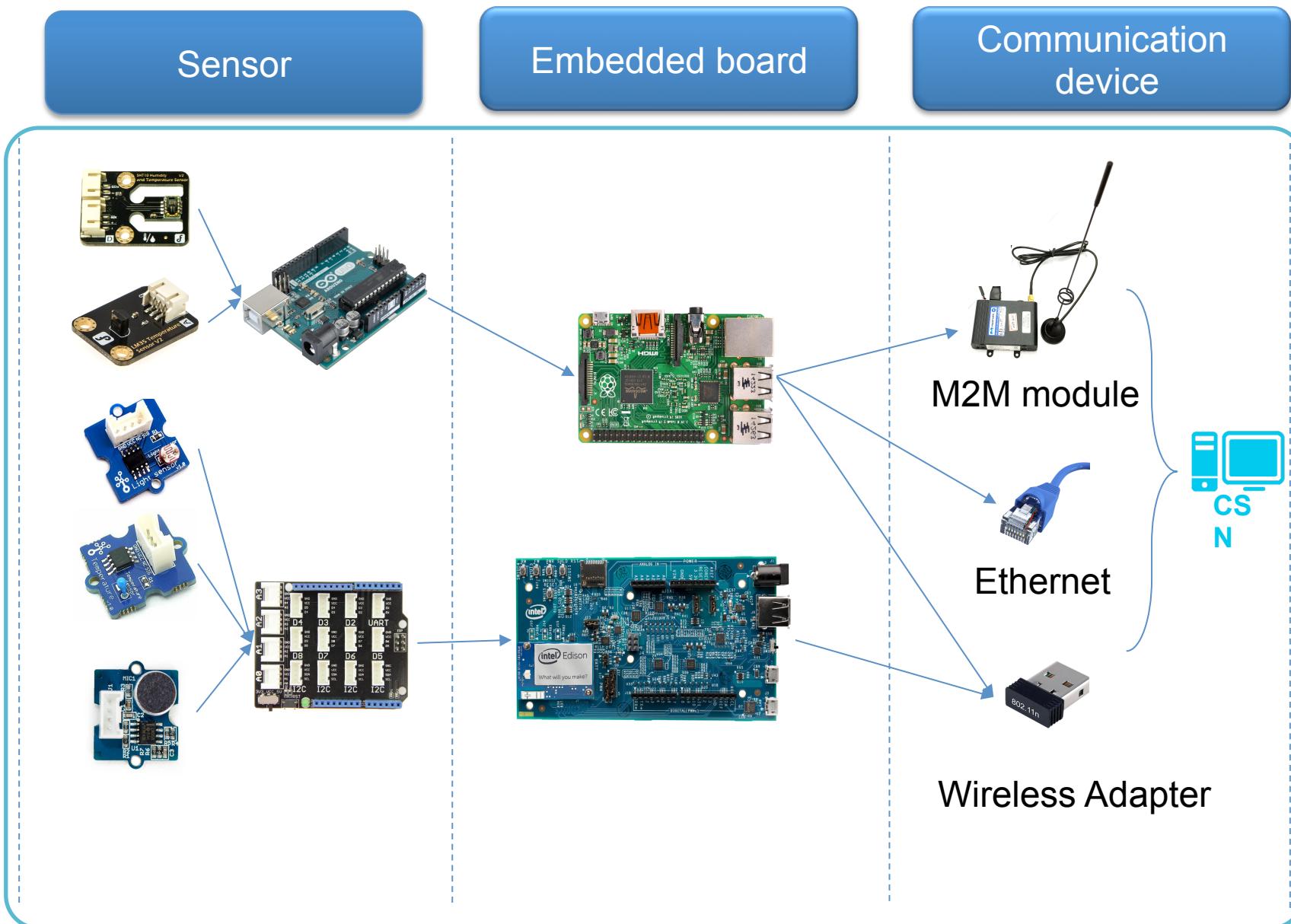
Contents

- Background: CSN
- CSP Set Up
- CSP Architecture
- CSP Raspberry Pi Version
- CSP Edison Version
- Conclusion

CSN System architecture

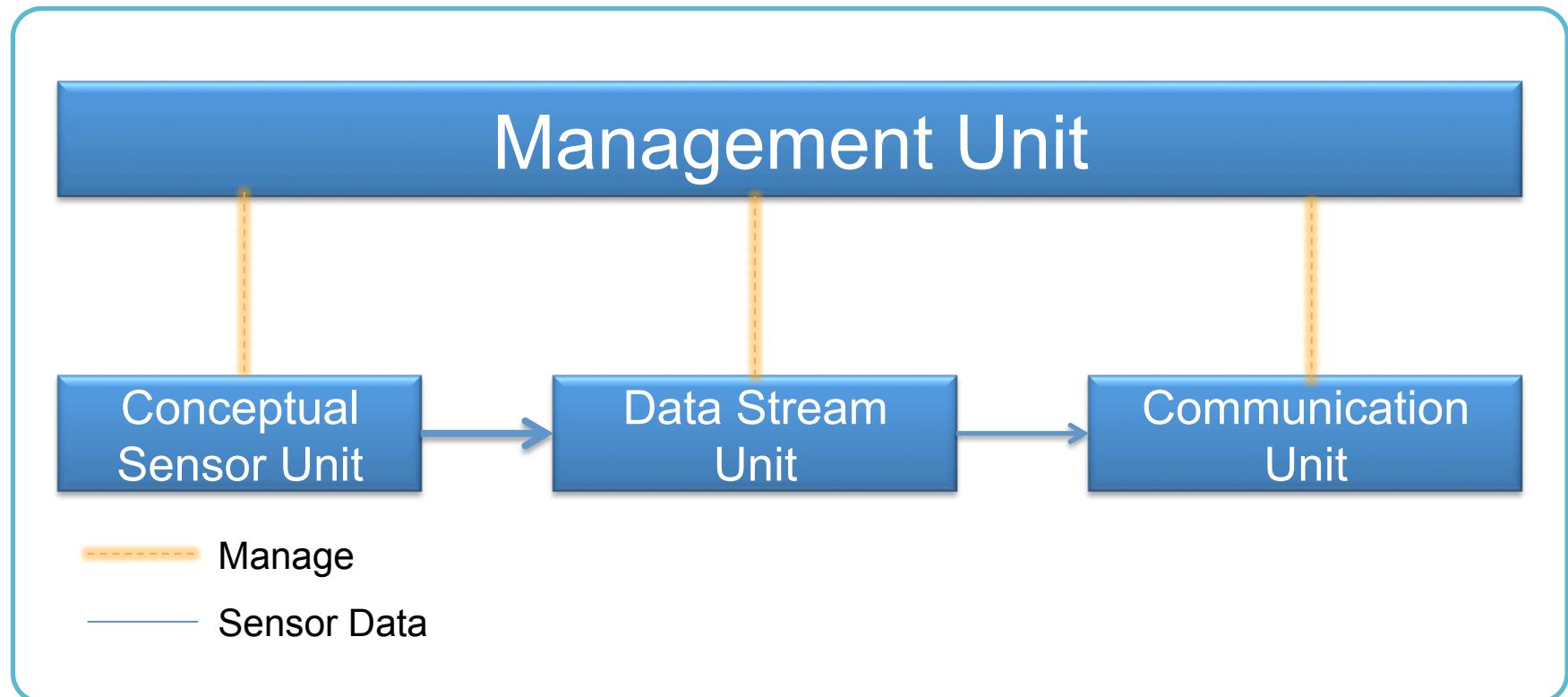


CSP Set Up



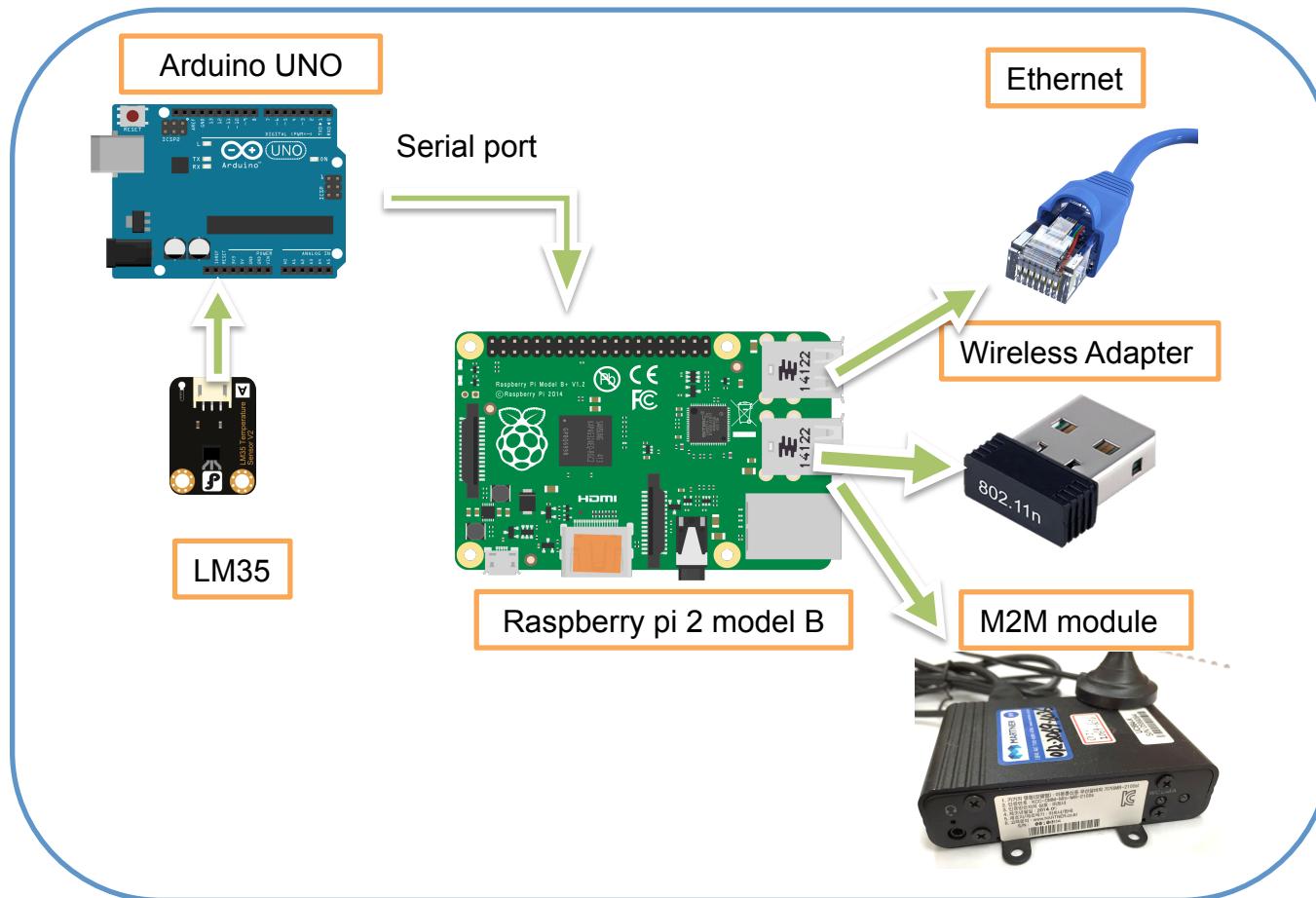
CSP Architecture

CSP is the CSN Sensor Agent which stands for Conceptually Manageable Sensor Pod.



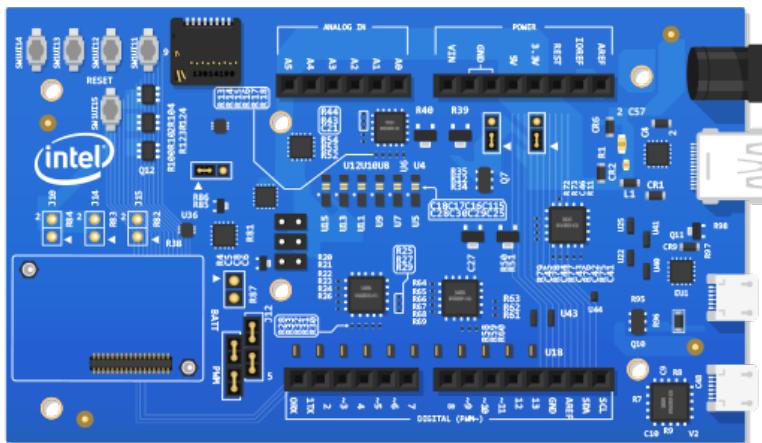
CSP Architecture

CSP Raspberry Pi Version

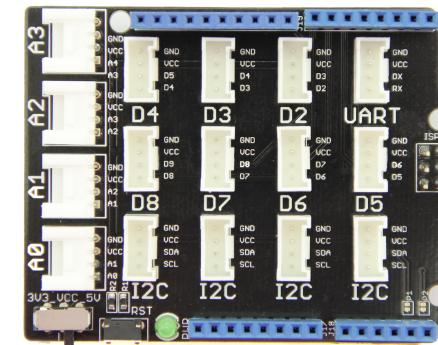


CSP Edison Version

Arduino Uno Compatible Board



Grove Base Shield



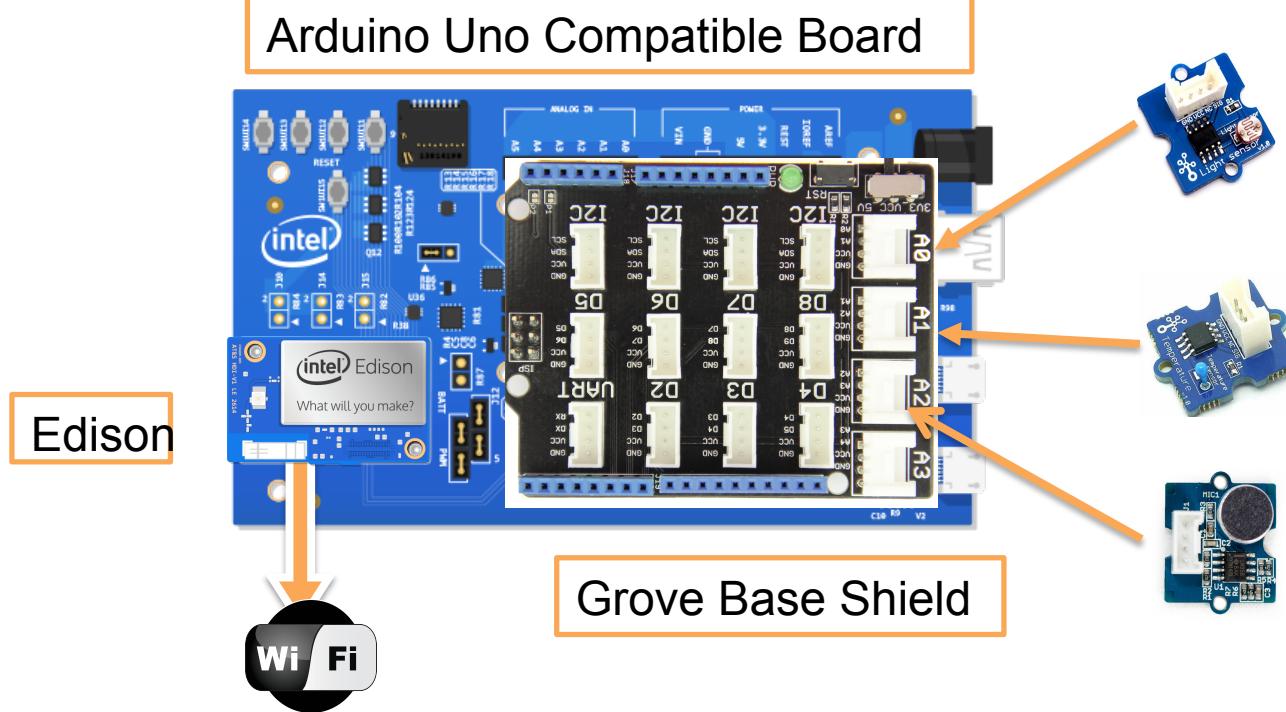
Edison



Sensors



CSP Edison Version



Conclusion

- **CSP can support more sensors as required also can be developed for the other embedded board.**
- **We will continue to**
 - Add more type of sensor to CSP Edison version.
 - Test M2M modem for Edison's communication.
 - Test Bluetooth module to both Raspberry pi & Edison version.

Thanks