

IoMech's **EdgeBX** is a small-factor IoT edge system, capable of asset control and sensor data collection. EdgeBX units communicate wirelessly with each other through their own secure, independent network.

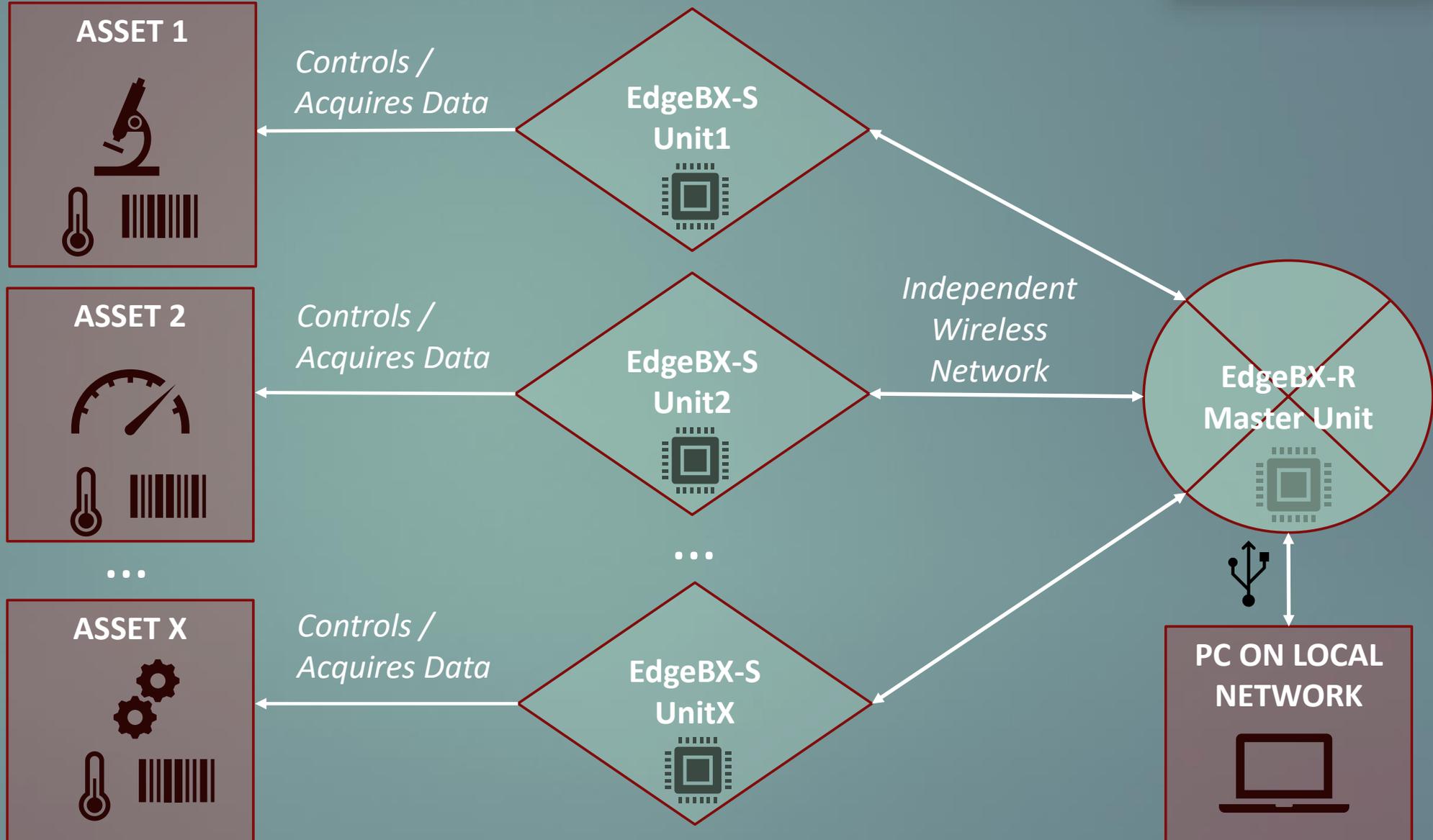
IoMech's **EdgeBX** IoT system is composed by three subsystems:

# EdgeBX - System map

EdgeBX units can collect information such as:

- Force / weight
- Pressure
- Temperature and humidity
- Position, distance, velocity and acceleration of moving objects
- Vibration levels

The units can also interface with existing equipment through RS485 Modbus, RS232, UART, i2c, CAN-BUS and other standard protocols.



## EdgeBX-S and SUI Units:

- High resolution, 65k colour touch screen (SUI)
- Screen sizes from 2.4" to 10" (SUI)
- Fully customisable User Interface (SUI)
- Does not require an internet connection
- Low power consumption: < 5W



OR



EdgeBX-S



*Controls /  
Acquires Data*

*Independent  
Wireless  
Network*

## EdgeBX-R and data aggregation software:

- Developed using industry leading software by National Instruments and IBM
- Option to run on single board computers
- Dashboard can be accessed by any connected device
- Compatible with major cloud providers (Optional- cloud connection is not required)

