

Oniro is designed with modularity in mind.

An operating system that is equally targeting small devices like sensors and micro-controllers as well as rich companions ones; like IOT, Machine to Machine solutions, automotive, Smart cities, Home automation and smartphones.

# THE ARCHITECTURE LAYER

### **Application Layer**

When completed, it will host the system and third-party applications.

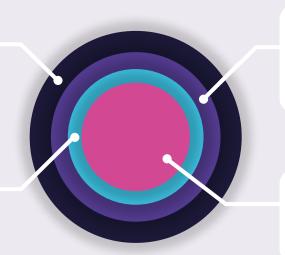
Oniro applications will be able to use APIs to expose business logic as abilities that may be utilized inside other applications

# **System Service Layer**

It will contain the bulk of the differentiating features of Oniro.

It will provide a complete set of capabilities essential for Oniro to offer services for applications through the Framework Layer

**1** 



#### Framework Layer

It will provide an SDK to develop Oniro applications in multiple launguages such as Java, C, C++ and JS depending on the target device class and its HW constraints

# Kernel Layer

Oniro will support a multi-kernel design out of the box so that appropriate OS kernels can be selected for devices with different resource limitations

# **SUPPORTED BOARDS**

96BOARDS AVENGER96
96BOARDS NITROGEN
SBC-B68-ENUC SECO
SBC-C61 SECO
RASPBERRY PI 4 MODEL B
ARDUINO NANO 33 BLE
NRF52840 DK

