



Developer Platform

Open.Scalable.Future Ready

Building IoT solutions for solving Agri and Climate problems is challenging, time taking and expensive

Lengthy development cycle

Harsh environment conditions

Networking and Connectivity issues

Expensive software development

Ongoing maintenance of devices

PhyFarm's AIOT platform makes it easy to connect sensors, controllers and data models to your applications via **APIs** or customised web and mobile sdks

Collect sensor
data seamlessly

Automate
process

Remote device
management

Networking and
connectivity

Built in GPT
models

Wide range of sensors, controllers, and hardware interfaces, built in GPT models, API's, Web and Mobile Interfaces

1. 50+ Sensors Support

2. 10+ Controllers

3. Weather APIS

4. ERP Systems

5. GPT Models

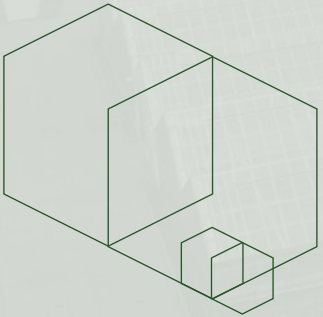
6. Image Processing

7. Mobile SDKS

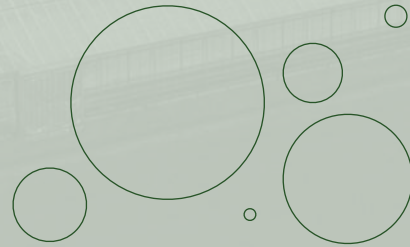
8. Web plugin

Uniquely open Built for scale

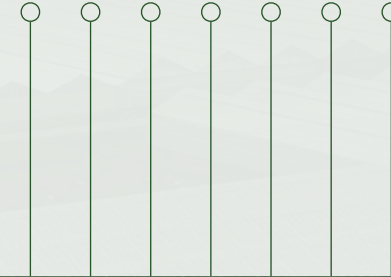
Platform
play



Decentralized
data-pipeline



Plug & play
architecture



Intuitive
UX



Out of the box
market intelligence



Cost
efficient



Sensing - Realtime data stream

Wide Range

50+ sensors parameters

Accurate

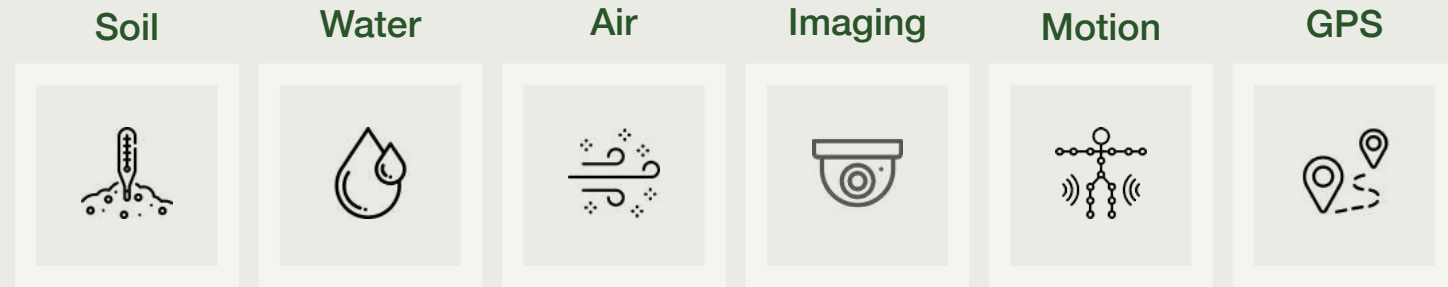
High accuracy and precision

Economical

Cost effective

Connectivity

4G | 5G | WiFi | LoRaWAN



Controllers - Multiple supported devices

Intelligent rule engine

Decentralised data pipeline

Power cut memory

Offline function



PhyHub



Open Source SBCs



Industrial grade PLCs

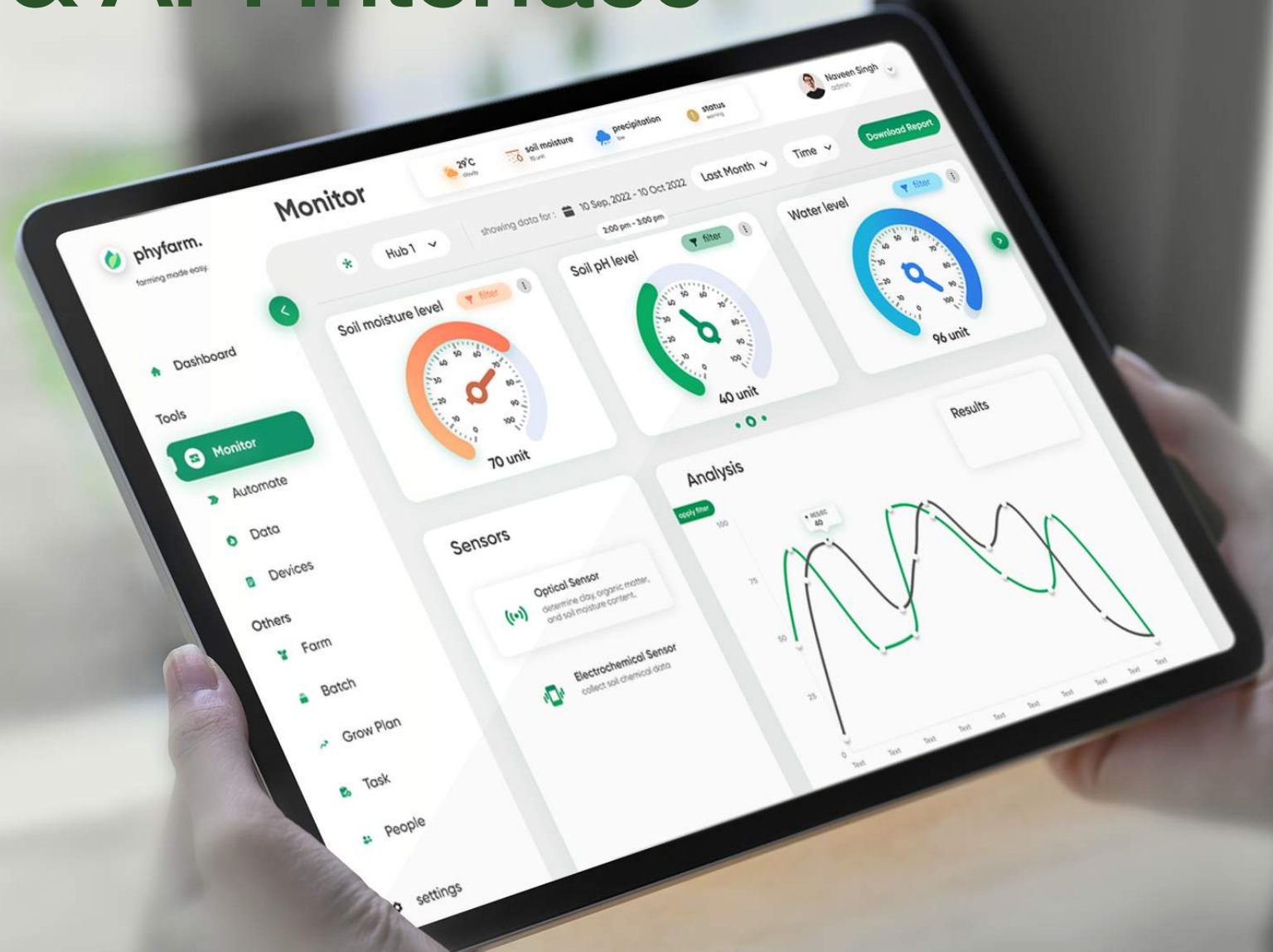
Web, Mobile & API Interface

Web Integration

REST APIs

Android SDK

iOS SDK



Application Showcase

Controller

Irrigation and Fertigation

Soil Moisture

Sensor based operations

Flow Meter

Precise Volume Measurement

Mobile Apps

Cloud connected

PhyOne

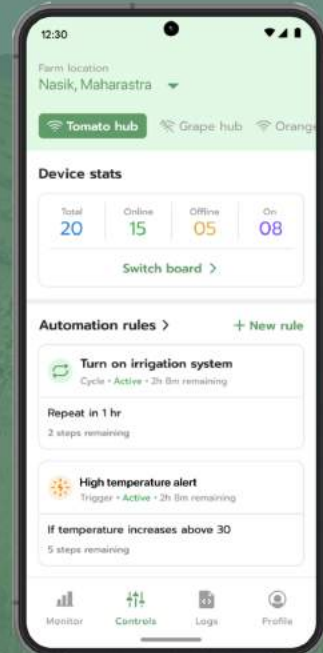
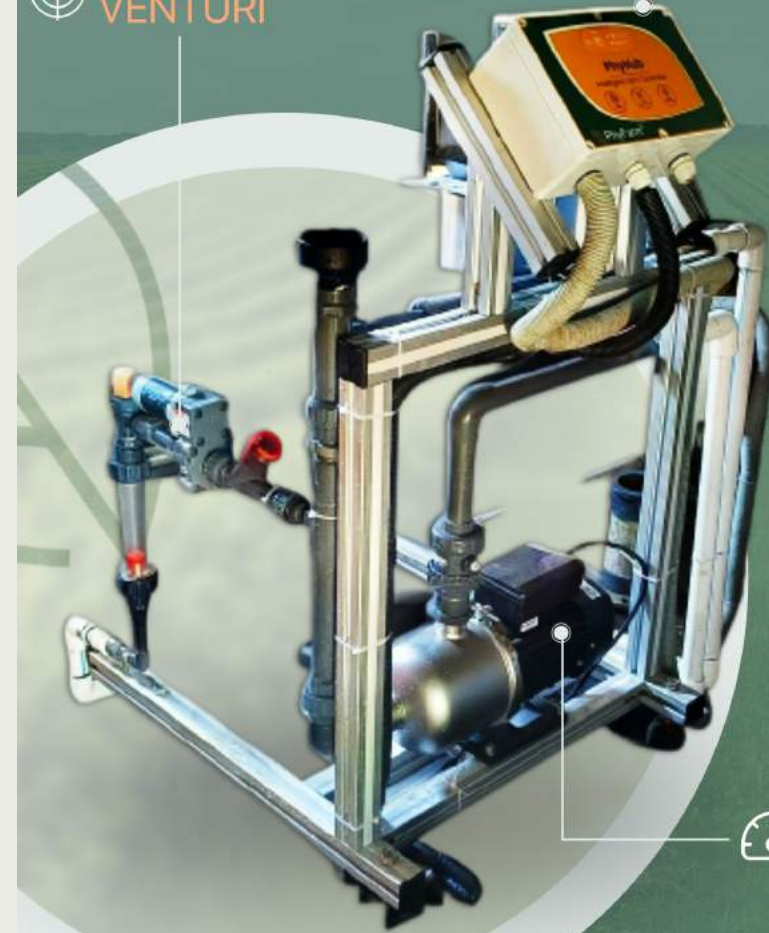
Intelligent Irrigation and
Fertigation System



PRECISION
VENTURI



AI CONTROLLER



ACID RESISTANT
BOOSTER PUMP

Applications

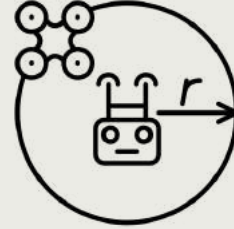
Climate Control



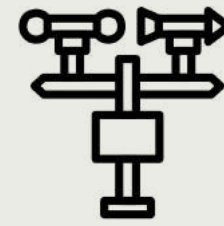
Irrigation



Drone Pad



Weather



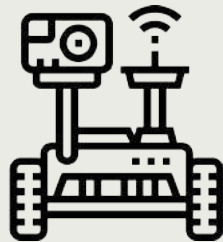
Spraying



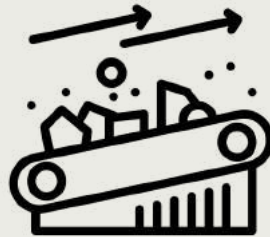
Storage



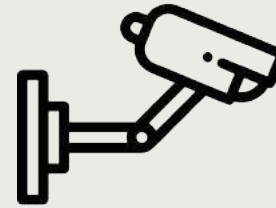
Rovers



Conveyor



CCTV



Biometric



Industries

Horticulture



Indoor Farms



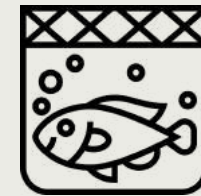
Cold Storage



Food Grains



Aquaculture



Poultry



Forestry



Dairy



Plant Research



Tissue Culture



Thank you

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