



logiicdev (SME).

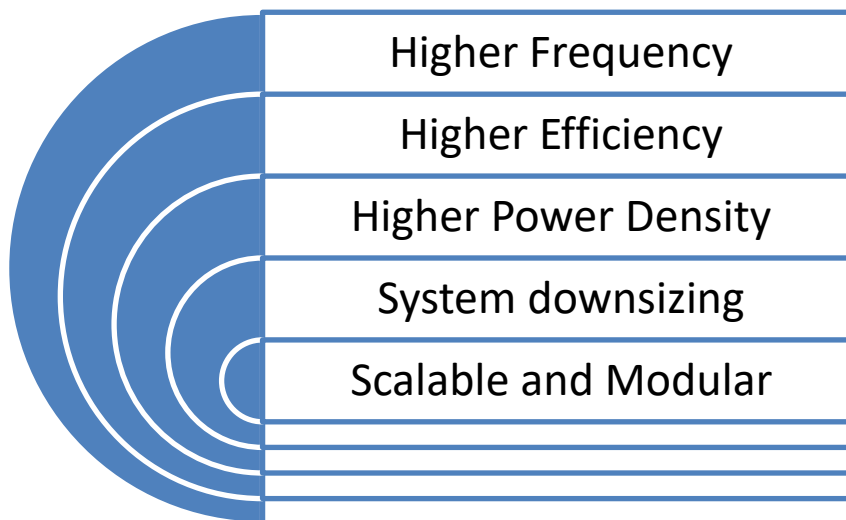
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Graz, 28.January 2025

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OmniPower,

Special motherboard designed for
sensor application


Number of components: 1 400
Efficiency :91%



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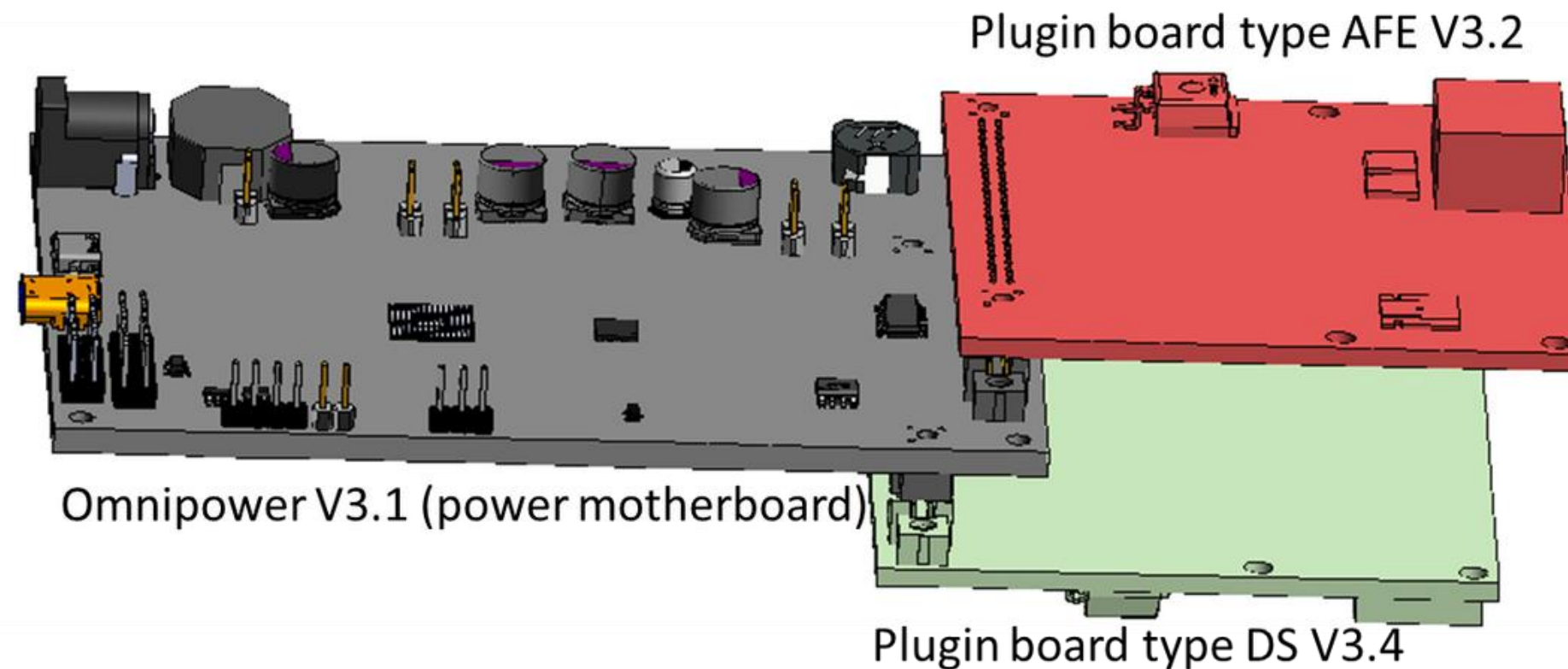
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TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, WS,
ZA, ZM, ZW.

(4 different sensor pluggable solutions for IOT
management are available)



Example SMART GRID

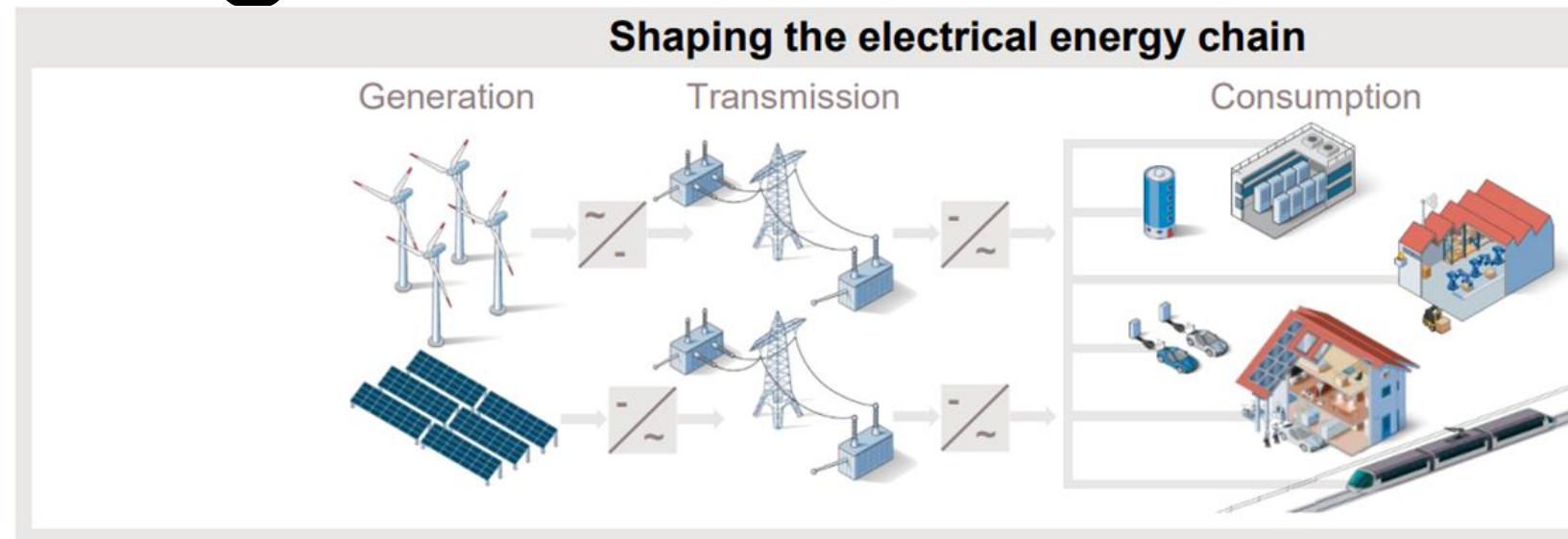


LORA-based Grid line real-time monitoring for reliability, data analytics (digital twin) of power transmission line, enhancing grid reliability, early fault detection, and real-time operational control.

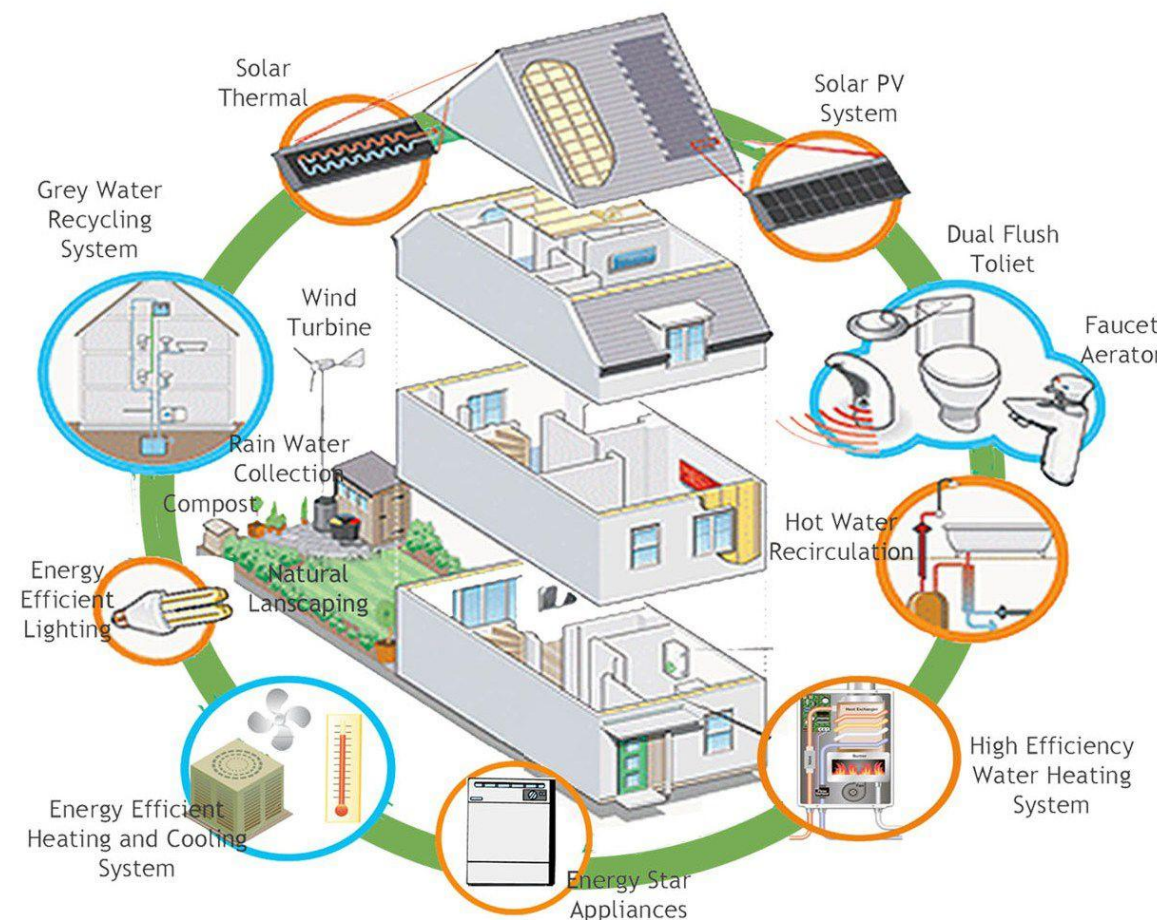


- Prediction and balance maintenance of Intermittency and Variability
- Grid stability vs Load
- Easy scaling up and down
- upfront installation costs. LCOE
- Advanced control systems
- Easy Integration of Distributed Energy Resources.
- Addressing technical issues related to voltage regulation, frequency control, and grid protection.

ENERGY Digital twin



1) Source: BP 2018 Energy Outlook

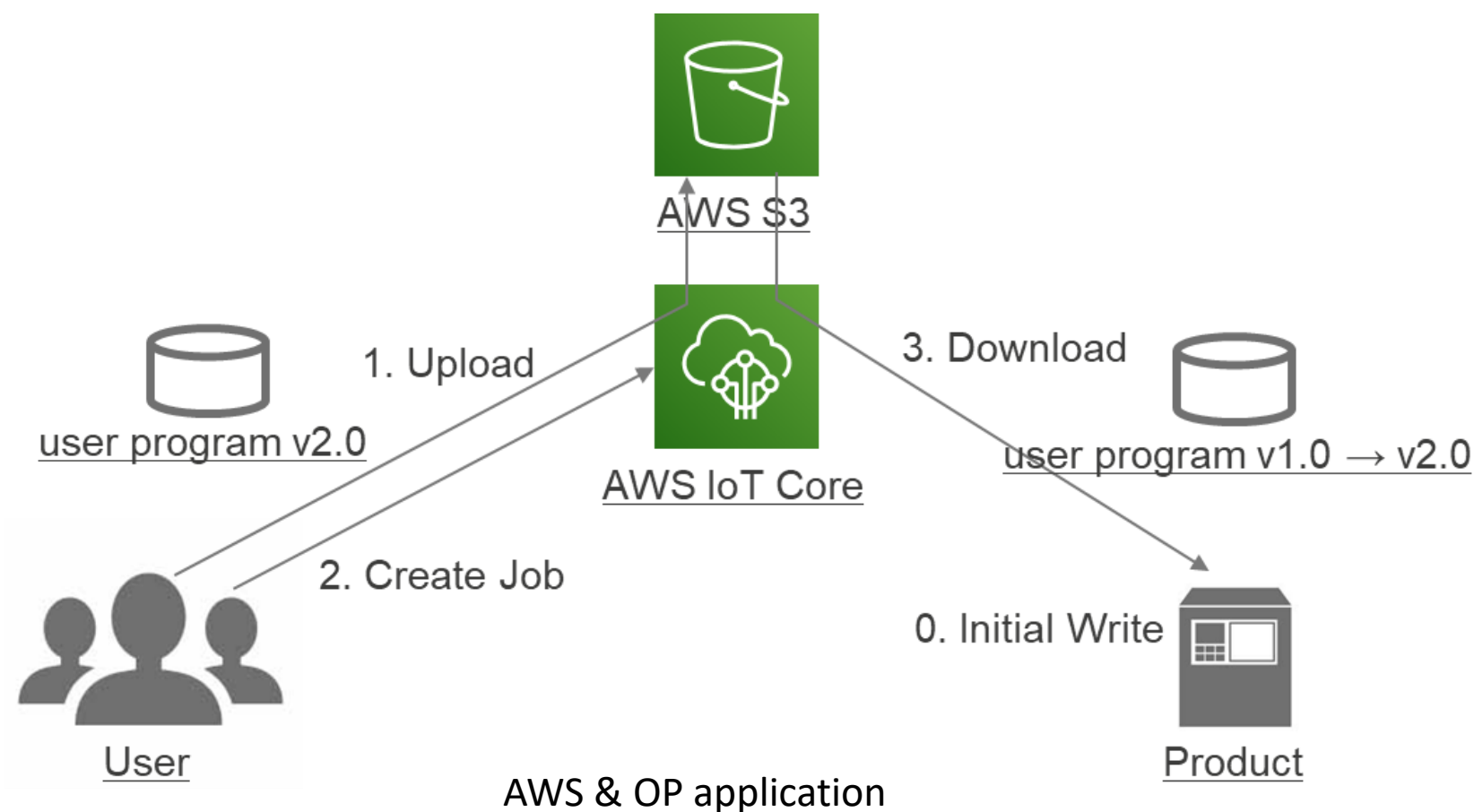


Monitoring/modelling using AI

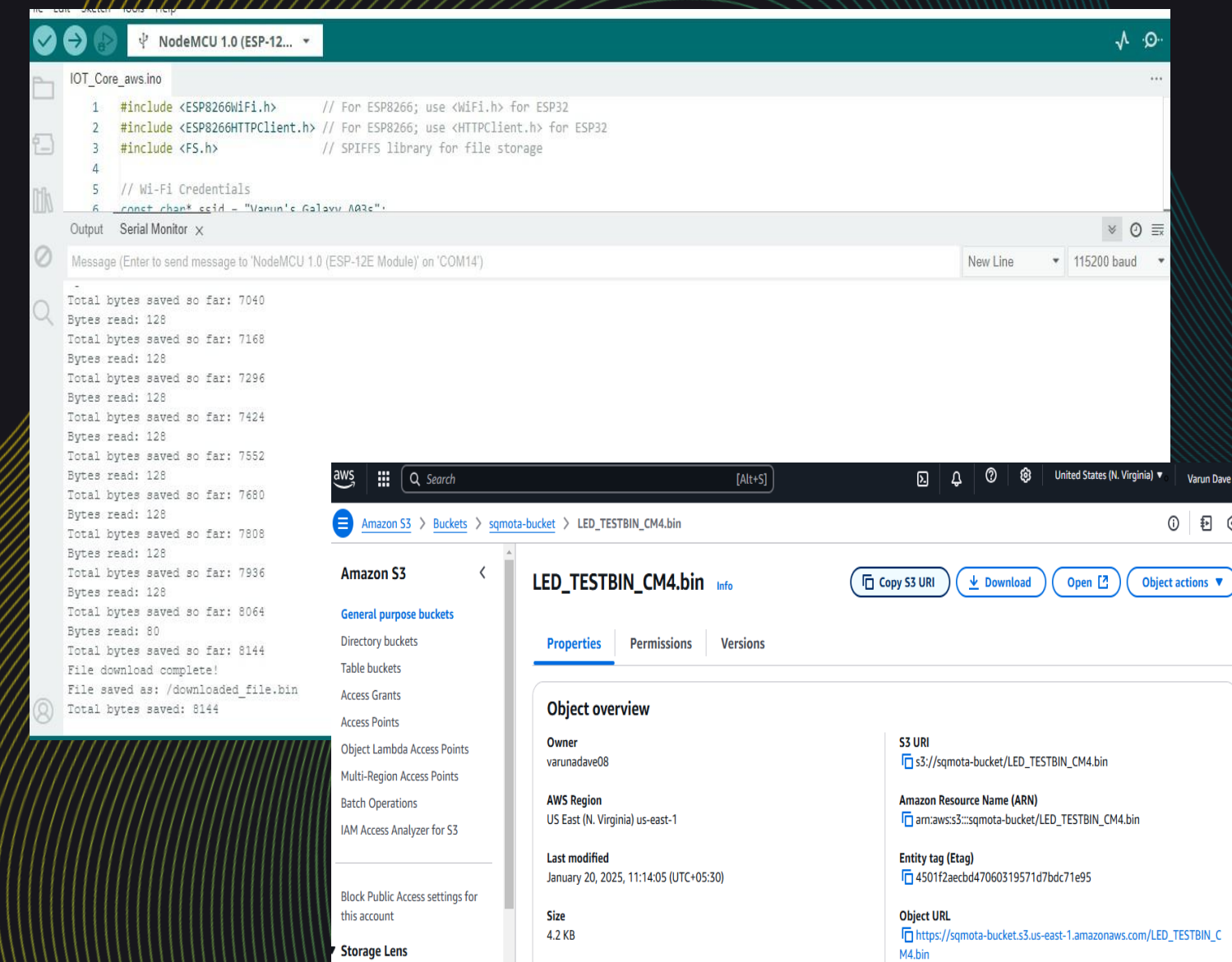
- Real-time Digital twin (DT)
- Capture, plan, calculate and balance the Energy flow from generation, transmission to Consumption.
- LoRa and 5G
- Improving AI-based integration & test coverage
- Field-programmable gate Array (FPGA) -based Hardware in Loop (HIL)
- 5G, LTE, Wi-Fi, BLE or LoRa connectivity.

A hardware-based
Digital Twin is a virtual representation of a physical object or system. HIL testing is a type of simulation-based testing that combines physical hardware with virtual components in a controlled environment.

Remote OTA (over the air)

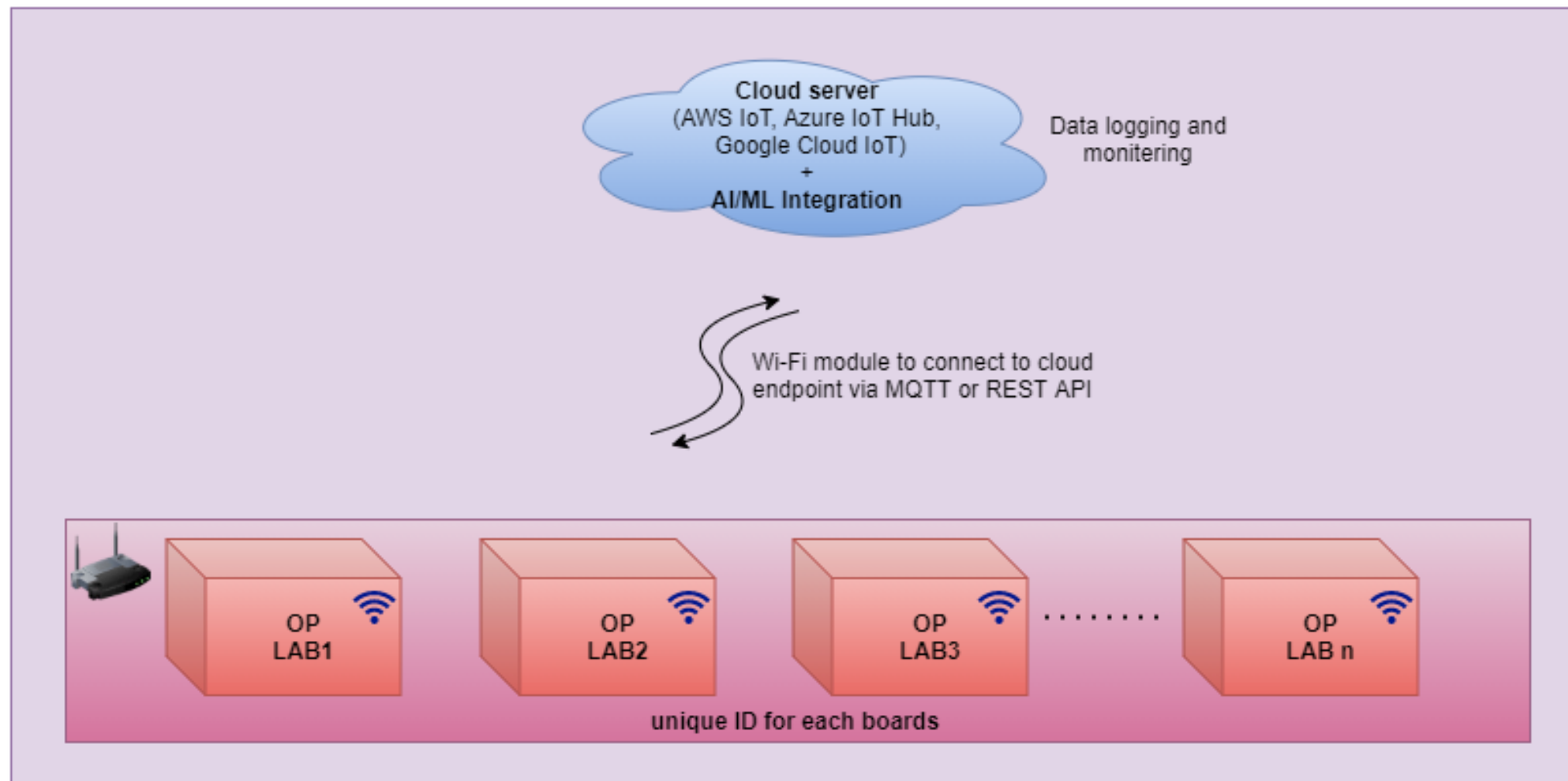


1. Allows the device's firmware to be updated without requiring external programming tools.
2. Provides a way to recover from faulty firmware by allowing reprogramming or fallback to a default firmware.
3. Ensures that only verified or authenticated firmware is executed, improving system security.
4. Remote debugging is possible based on matching requirements.
5. **To Avoid limitation of preassigned URL Use public URL**
6. Connect to your cloud infrastructure.

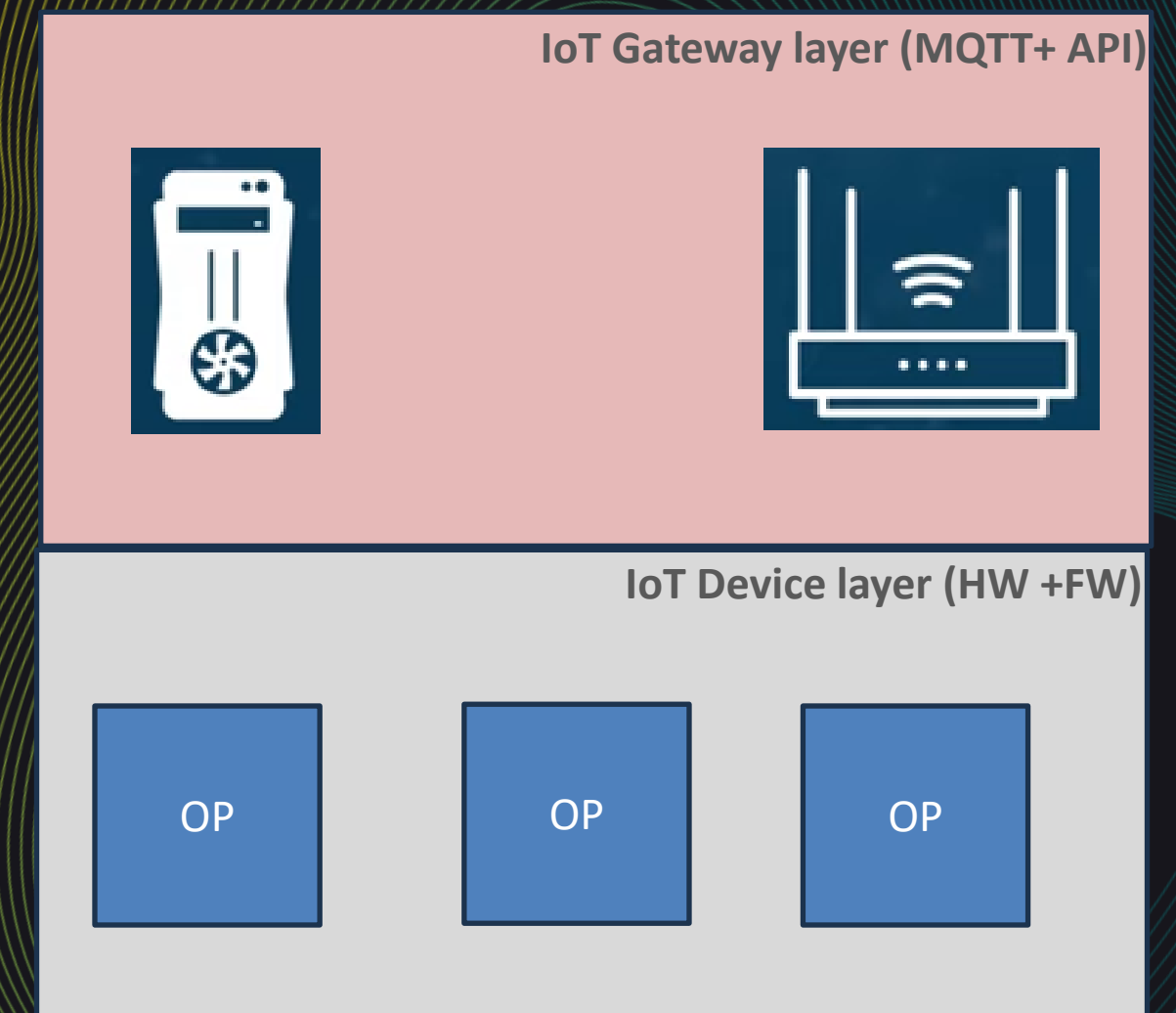
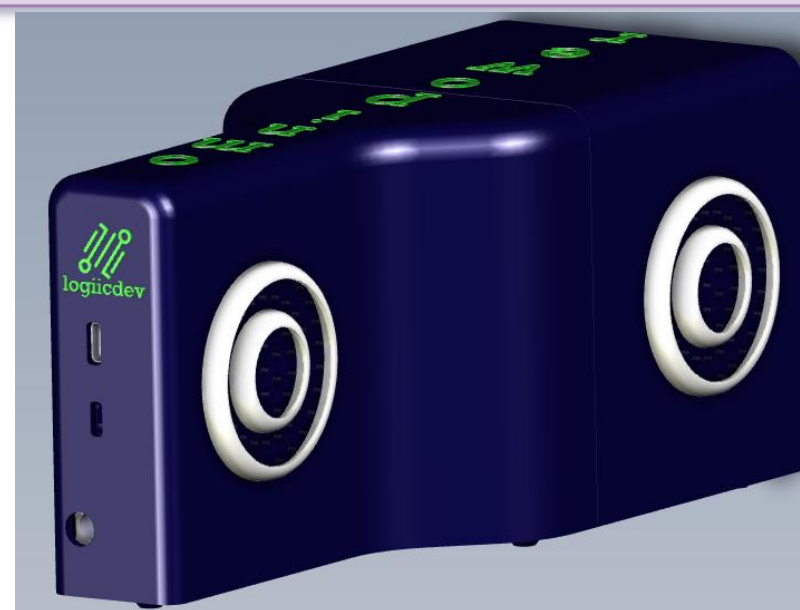


Easy access to Firmware and data,
download options

AIoTT (Artificial Intelligence of Things)



- Low power LoRa/BLE/WIFI to MQTT
- Battery-operated OP
- Dual processor (For local housekeeping and Edge AI)
- Individual OP are programmed for Gateway bandwidth
- Python-based API for easy integration



Stack up, SDK & Framework

Team

Founders



CEO & Founder
Deepak V Katkoria, M.Sc

- 20+ Years of Experience in the Industry
- Worked at Leading Positions (Intel, Freescale, BAE, NXP, Dialog and Infineon)
- R&D Management



Chief Advisor
Theo Hatzis, M.Sc

- 35+ Years of Experience in the Industry
- Self - Employed (Nürnberg, DE)
- Innovation Management
- Technical Consultant



Investor
Ian Macnamara

- 35+ Years of Experience in the Industry
- Investor
- Business Management

Team



Elena Mokina, B.Sc
Business Developer



Sravani Thota, MTech
Power Electronics Engineer



Fedja Mulagebovic
AI - Hardware Engineer



Anjaly K
AI - Hardware Engineer

Board of Advisors

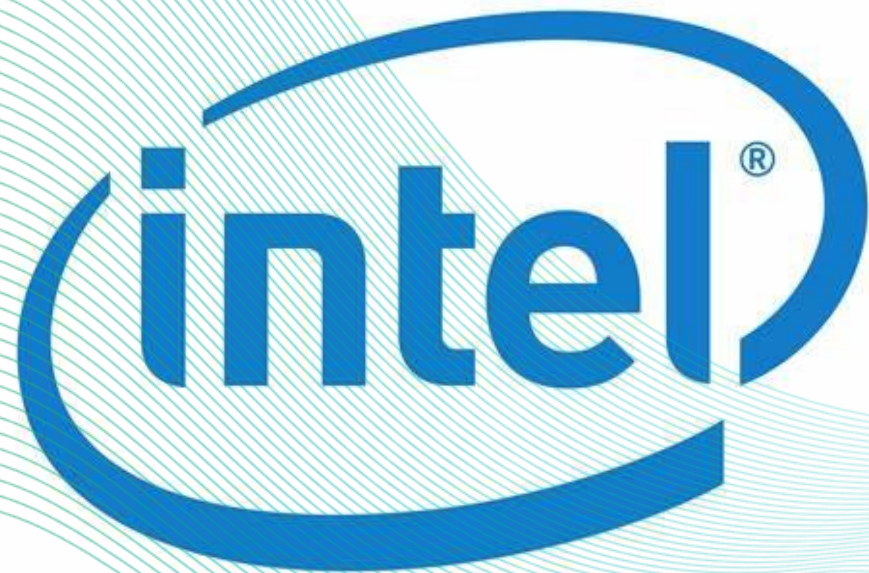


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OUR CLIENTS





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