

Overview

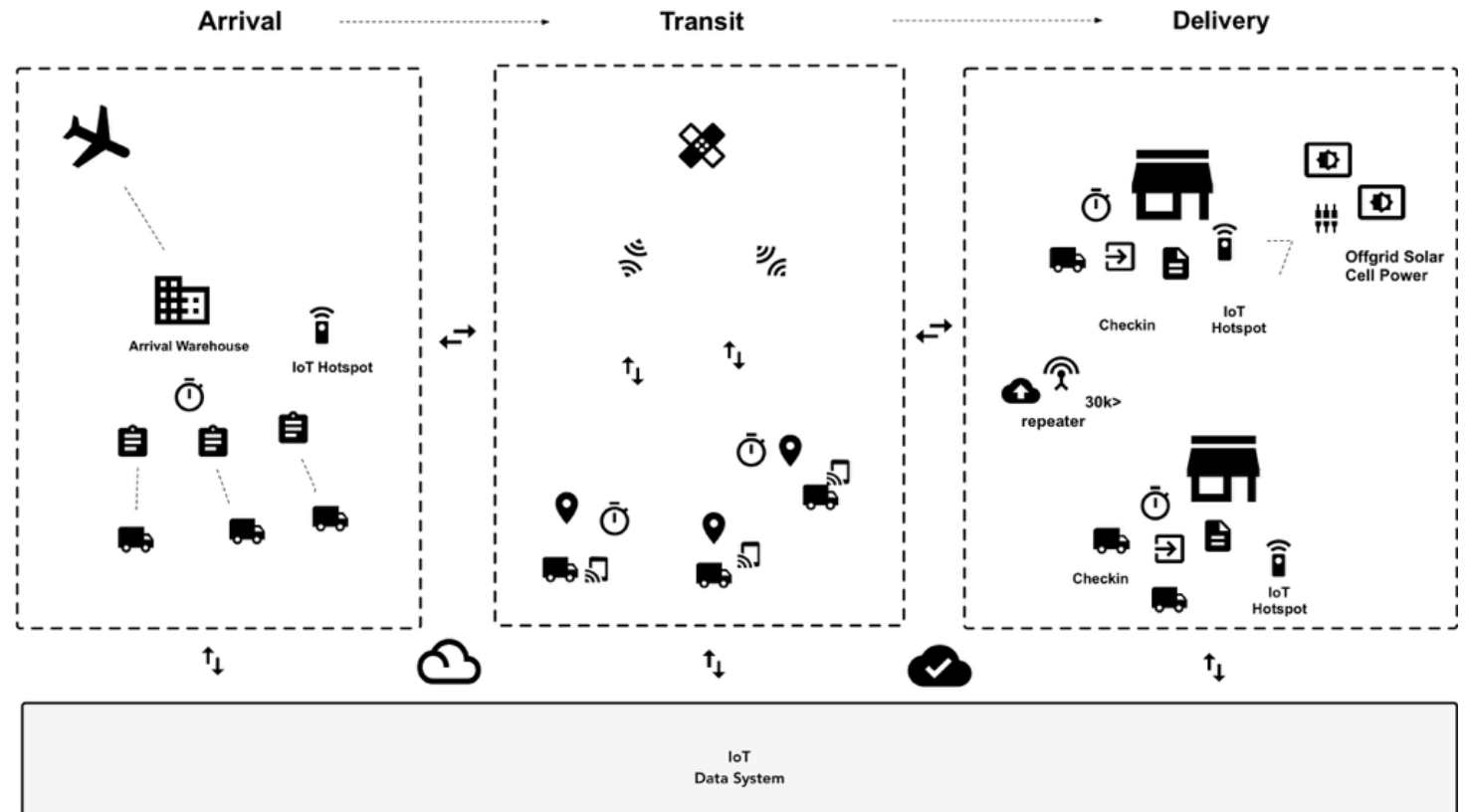


- *“We are extending and expanding our fast-track approach to address the COVID emergency so that developing countries have fair and equal access to vaccines,”* said **World Bank Group President David Malpass**. *“Access to safe and effective vaccines and strengthened delivery systems is key to alter the course of the pandemic and help countries experiencing catastrophic economic and fiscal impacts move toward a resilient recovery.”*

** October 13, 2020 Press Release*

Using Remote Sensing: IoT

Using Internet of Things (IoT) technology, teams could track goods procured under the Projects and verify that goods are reaching the intended beneficiaries.



Arrival & Transit

- An information system needs to be set up to track goods using unique IDs (e.g. using QR or barcodes) and the capacity to define and list shipment contents.
- Real-time monitoring of shipments including type of goods and quantity can be done using GPS tracking devices and smart sensors embedded inside trucks.



At Destination

- Upon arrival to the destination (e.g. warehouses at the local levels and/or health facilities), goods would be scanned, automatically aggregating data into the inventory management system.
- Interoperability between the various systems and use of common standards is required to ensure that systems can communicate effectively.





Distribution to end users

- GEMS
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