

## System Overview

Drone Delivery Canada (DDC) offers a depot to depot drone delivery logistics solution. The system is made up of the following elements:

### Flyte

DDC's proprietary flight management software used for all flights.

### Depot

Where the drones, batteries, and charging stations are stored. Each route has two depots.

### Drone

Often referred to as a UAV or RPA, each route is equipped with at least one drone to complete the shipments.

### Charging Station

An electronic device that communicates with Flyte to manage the drone batteries. Each depot has a minimum of one charging station.

### DroneSpot™

A safe and secured area where the drone lands and takes off from. DroneSpot™(s) communicate directly with Flyte. Each depot has a minimum of one DroneSpot™.

## How Does the System Work?



The customer enters the shipment information through the Flyte portal.



The DroneSpot™ communicates with Flyte and provides instructions to the shipper.



The customer loads the shipment into the drone.



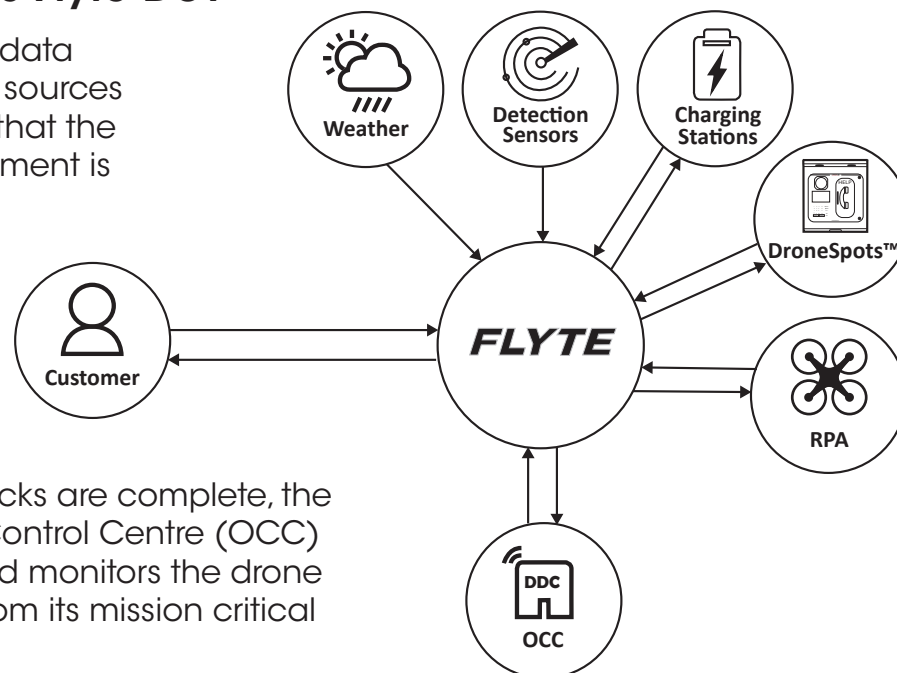
The customer confirms with the DroneSpot™ that the flight is ready to go.



Flyte ensures all necessary approvals and conditions are favourable for a safe flight.

## What Does Flyte Do?

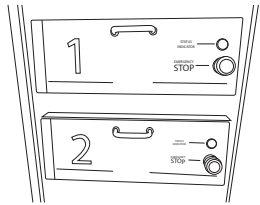
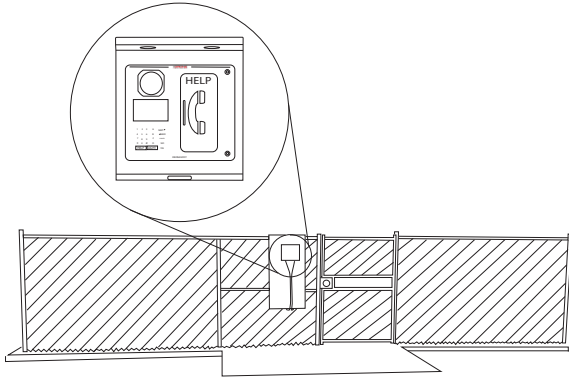
Flyte collects data from multiple sources and ensures that the planned shipment is safe to fly.



Once all checks are complete, the Operations Control Centre (OCC) manages and monitors the drone operations from its mission critical facility.

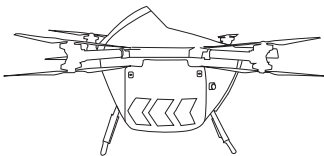
## Equipment

The **DroneSpot™** is a secure area for the drones to takeoff and land. It has a built-in interface that connects to Flyte.

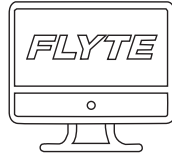


The **Battery Charging Station** connects to Flyte and maintains the batteries in an optimal state.

The **Drone** is maintained, controlled, and managed through DDC's Flyte system.



## How Flyte Works With the Equipment



### → DroneSpot™

- Communicates with the drone and customer.
- Instructs the customer on procedures.

### → Charging Station

- Informs the customer how to handle batteries.
- Tracks battery usage.

### → Drone

- Sends messages to Flyte on drone status (battery health, flight speed, etc).
- Receives commands from Flyte.

## Contact

To find out more, visit:



[dronedeliverycanada.com](http://dronedeliverycanada.com)



[dronedeliverycanada](https://www.instagram.com/dronedeliverycanada)

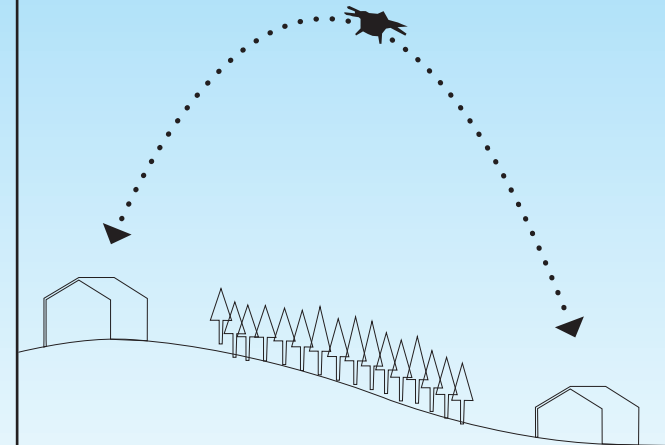


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"Innovation is taking flight"

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