NAV CANADA > PROPRIETARY

# NAV CANADA Remotely Piloted Aircraft Systems

ICAO DRONE ENABLE Symposium 2022

Panel: Supporting ATM/UTM Integration

November, 2022





## FACTS AND FIGURES

Private, non-share capital company

Managing one of the largest regions of airspace in the world

Fiscal 2021



**ACC Traffic:** 

2.1 million flights

Total IFR Flight Hours: 2.0 million



**Tower, FSS and RAAS Traffic:** 

4.5 million movements



18 M

square kilometres of airspace managed by NAV CANADA



More than

100

staffed sites



More than

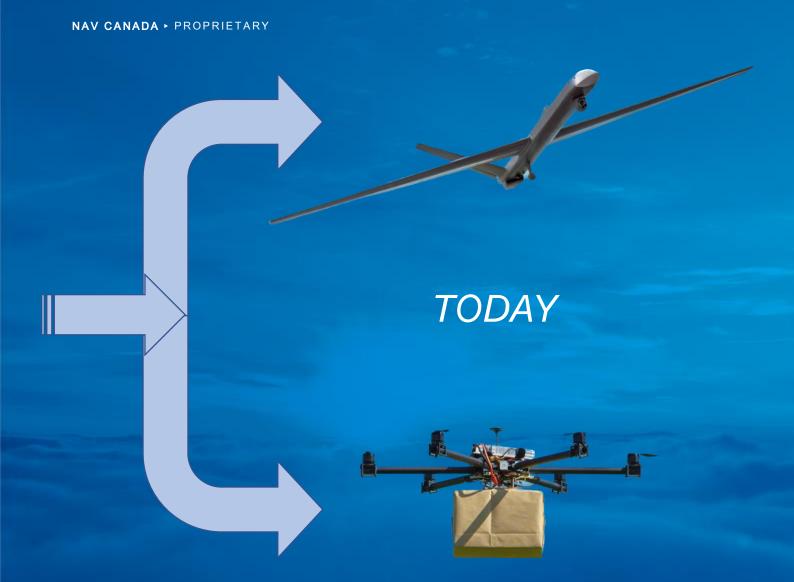
4,000

employees across the country



45,000+

customer accounts



#### **Served by ATM:**

- Special Flight Operating
   Certificate (Transport Canada)
- IFR Flight
  - Equipage / Assessment
- Airspace Planning
  - CONOPS
  - Impact Analysis
  - ATS Unit Guidance

#### **Served by RTM:**

- Small RPAS
- Regulated
  - VLOS
  - Segregated / Low Level
- Permission to access controlled airspace
  - NAV Drone (60k)
  - ATS Awareness





#### **Served by ATM:**

- Regulated
- IFR
- Standards / Performance
  - C2 / DAA
  - Separation
  - Predictable Contingencies

### **Served by RTM:**

- BVLOS Regulated
  - Segregated / Low Level
  - C2/DAA
- RTM Digital Architecture
  - Remote Identification
  - Central Services
  - Service Providers
- Controlled Airspace
  - Segregated Volume
  - ATM Integration / Exception

