

BCAC RPAS Panel

NAV CANADA

Alan Chapman
Director, RTM



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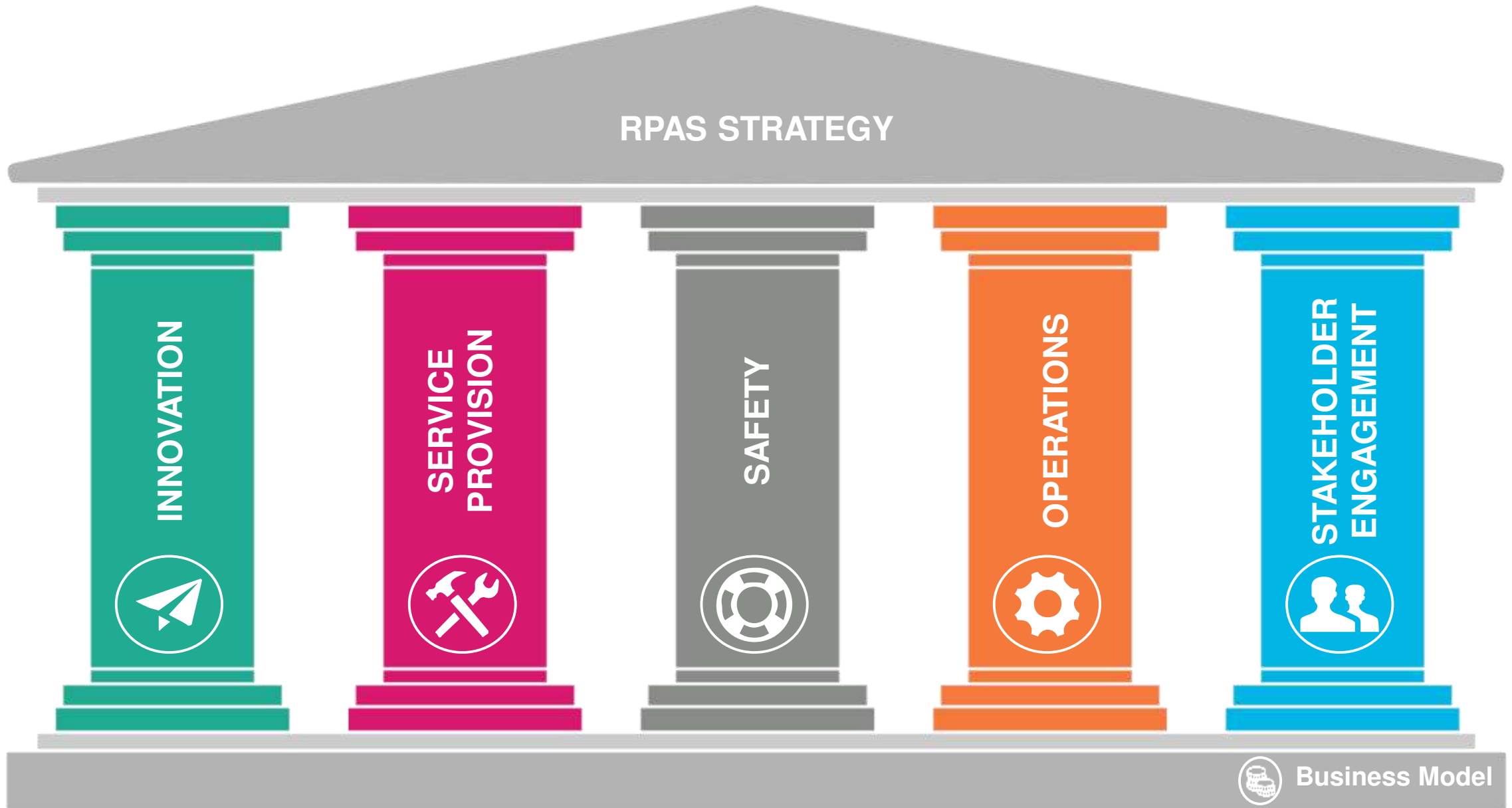
RPAS AND NAV CANADA

Summary

- NAV CANADA is accountable for Air Navigation Services, including RPAS
- NAV CANADA, Transport Canada and Industry collaboration (e.g. RTMAC)
- With launch of CAR Part IX in 2019, regulating VLOS Flights, NAV CANADA
 - Developed procedures and Solutions to support the new regulations (NAV Drone)
 - Developed to strategy to address all areas of RPAS and RTM
 - Worked with stakeholders to mitigate risks and plan for non-conforming RPAS
- NAV CANADA continues to collaborate to enable safe integration, focusing on;
 - Low Risk Beyond Visual Line of Sight (BVLOS) upcoming regulations for small RPAS
 - RPAS Traffic Management for further BVLOS operations
 - Large RPAS integration

RTM STRATEGIC FRAMEWORK FY22-24

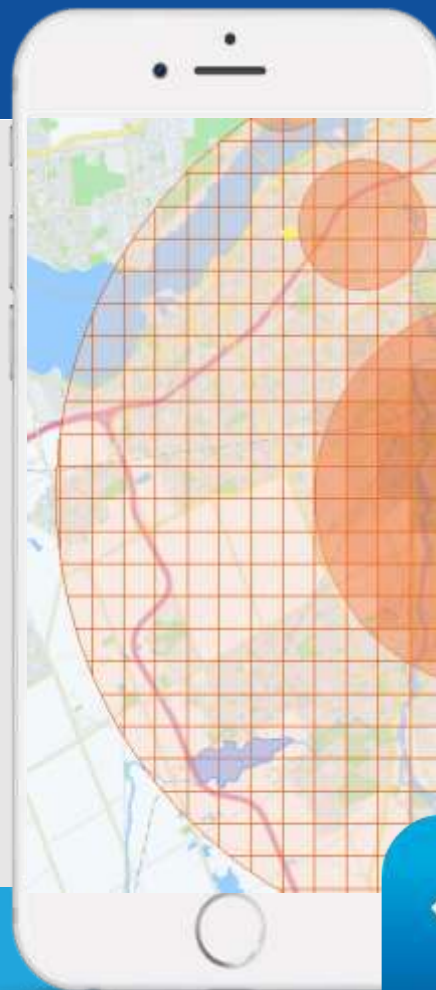
NAV CANADA



RPAS OPERATOR

- ✓ AIRSPACE INFORMATION
Provides operators with airspace information including classification, restrictions & NOTAMs
- ✓ FLIGHT PLANNING
Provides capabilities to schedule and plan flights in controlled airspace
- ✓ FLIGHT AUTHORIZATION
Automates authorization responses to fly in controlled airspace

OPERATION MANAGEMENT /
SAFETY AWARENESS

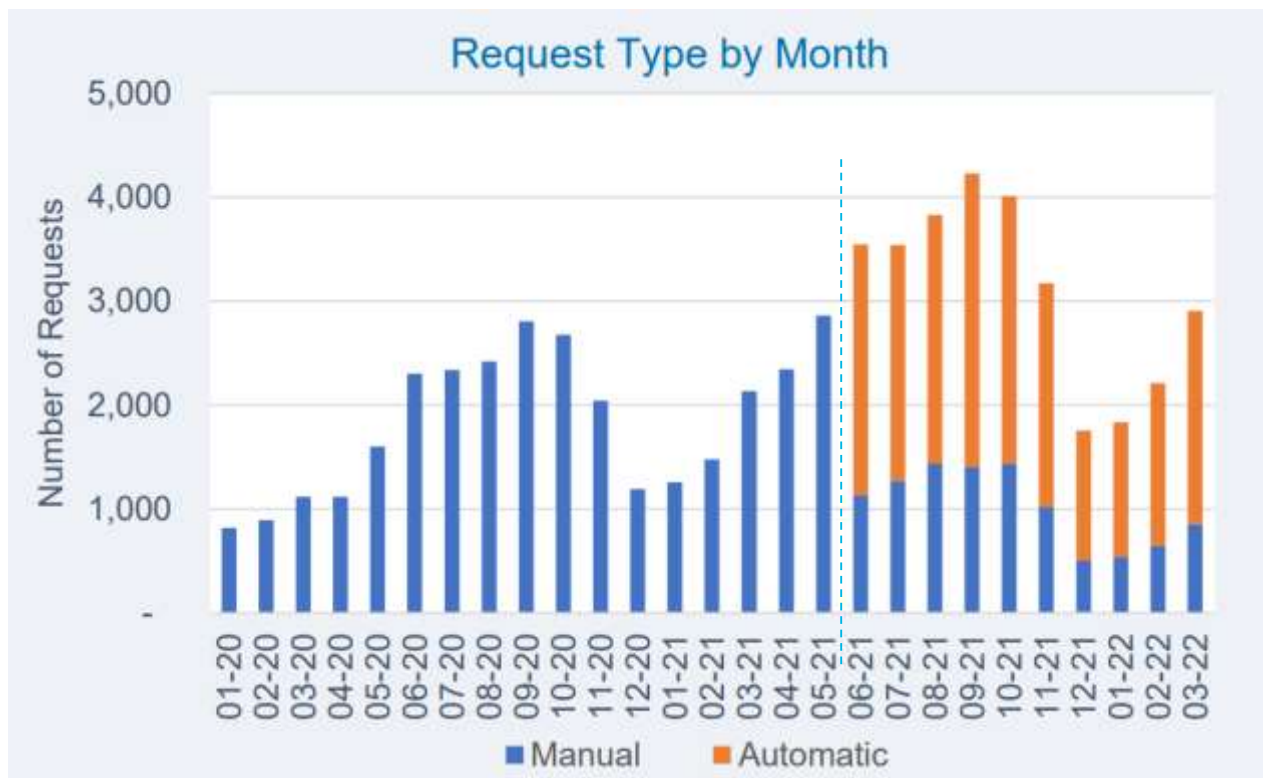


NAV CANADA

- WORKLOAD AUTOMATION ✓
Automates majority of authorization requests based on preapproved flight areas.
- OPERATIONAL INSIGHT ✓
Provides a visual of scheduled drone flights occurring in controlled airspace
- EMERGENCY MANAGEMENT ✓
Provides capabilities to quickly notify emergency operators

AWARENESS /
EMERGENCY CONTACT





- Over 17K external users, 3,300 Advanced Certified Pilots
- Growth of permission requests: 59% (annual)
- NAV Drone: 30K requests since go live
 - Immediate Approvals based on Grid 67%

CONNECTING WITH NAV CANADA ON RPAS

Contacts

- Leadership
 - Alan Chapman, Director. RPAS Traffic Management
 - Alexandra Officer, National Manager, RPAS Solutions and Operations
- Contact / Support for RPAS Operators
 - navdrone@navcanada.ca
- Website
 - <https://www.navcanada.ca/en/flight-planning/drone-flight-planning>
 - <https://www.navcanada.ca/en/flight-planning/drone-flight-planning/nav-drone-support.aspx>

Questions?



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