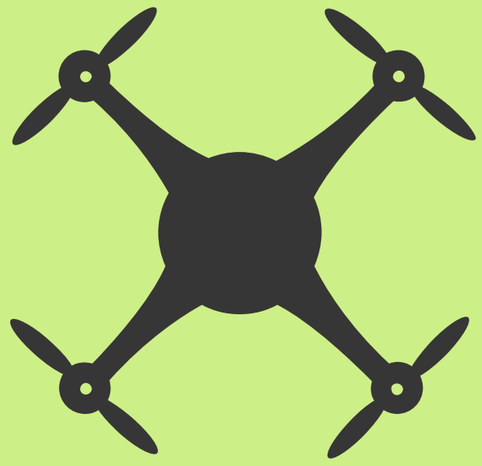
HOW SLOW DRONES TRACK FAST TARGET



SWINBURNE UNIVERSITY OF TECHNOLOGY

LOS 0% Single Drone | 40% **Old** Method 30 Drones | 94% **New** Method 30 Drones

PROCESS

Attempt 12

FollowSightings
Predictive
LevyBiasedSearch

72%

Attempt 18

FollowSightings
Predictive
ExpandingSpiralSearch

66%

Ideate → OPTIMZE → TEST

Attempt 25

FollowSightings
Predictive
SeparationSquared

70%

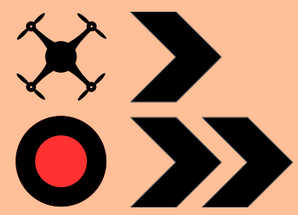
Attempt 30

FollowSightings
Predictive
InverSquareRepulsion

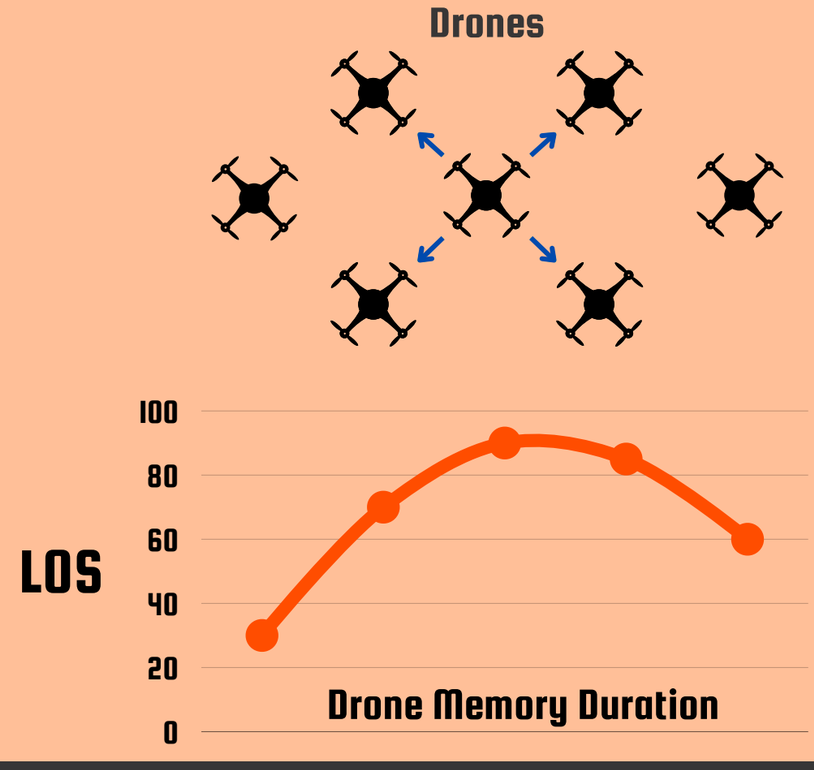
94%

MAIN FEATURES

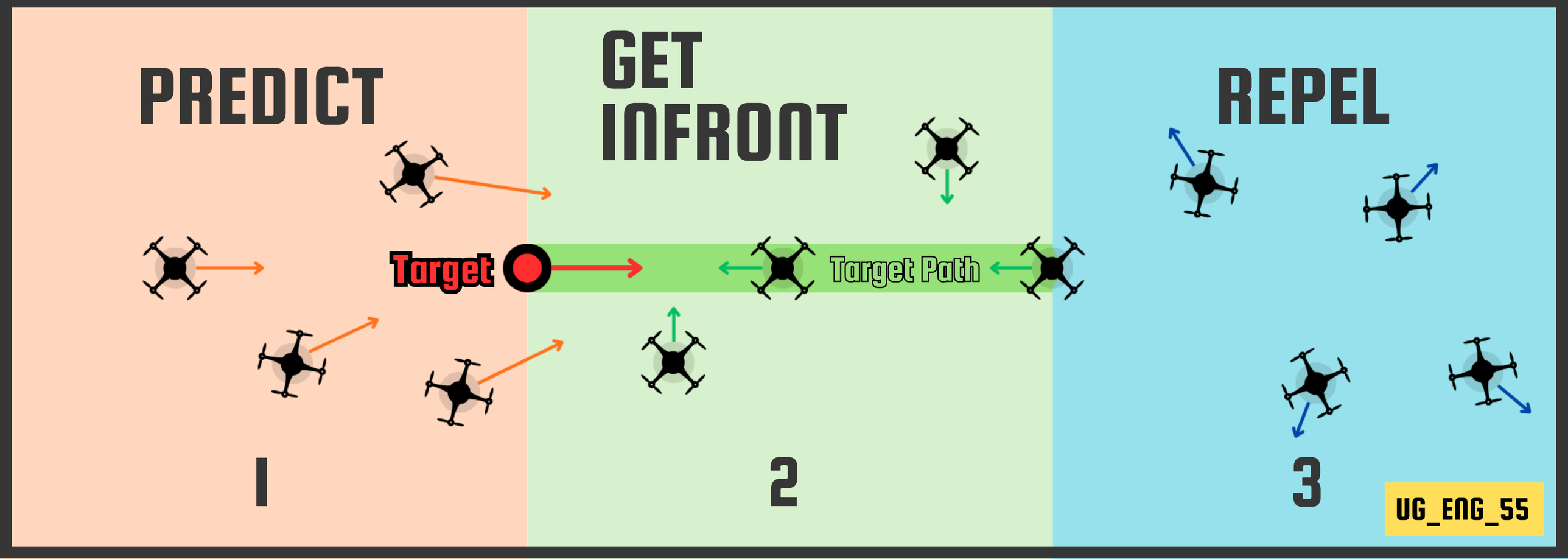
Target Speed = 2x Drone Speed



Drone can only communicate with Neighboring Drones



SOLUTION STATES



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