

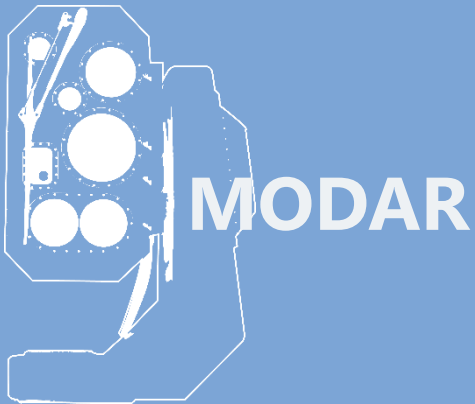
Motion-stabilised
Optical
Detection
And
Ranging

MODAR

Tactical and operational aspects

MODAR

Tactical and operational aspects



commercial unarmoured vehicle



patrol boat



**armoured military
reconnaissance vehicles**



Recommended Crew

1. Camera Operator

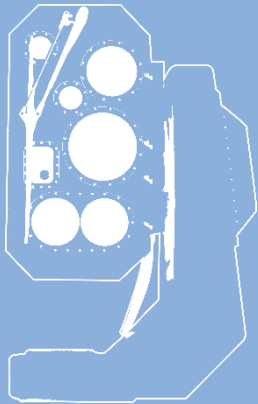
Commercial unarmed
motor vehicle

2. Information Manager
(documentation, data forwarding)

3. Commanding Officer
(Team Leader)

Armored military
reconnaissance vehicles





**DISTANCE OF
OPERATION
(optimal range)**

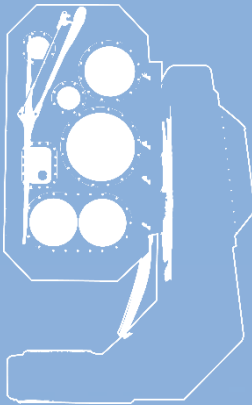
MODAR

Tactical and operational aspects

DISTANCE OF OPERATION (optimal range)

12.000 m
max long range

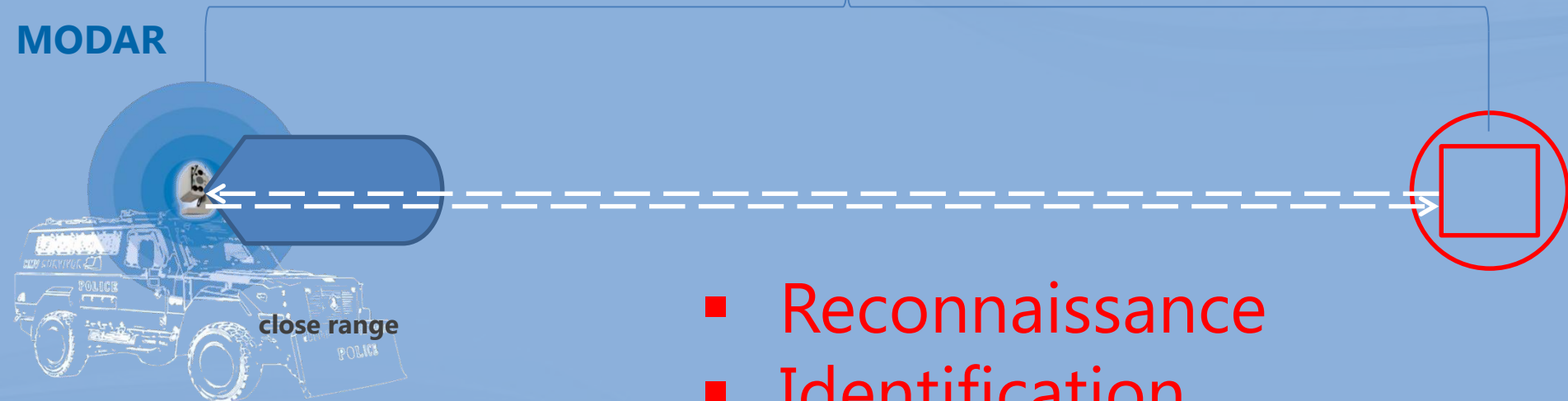




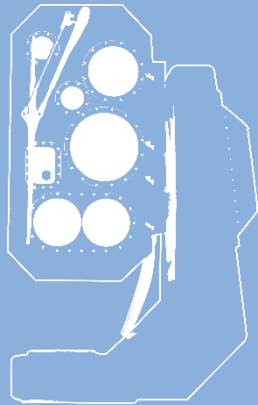
MAIN TASKS

Main Tasks

12000 m
max long range



- Reconnaissance
- Identification
- Monitoring
- Documentation

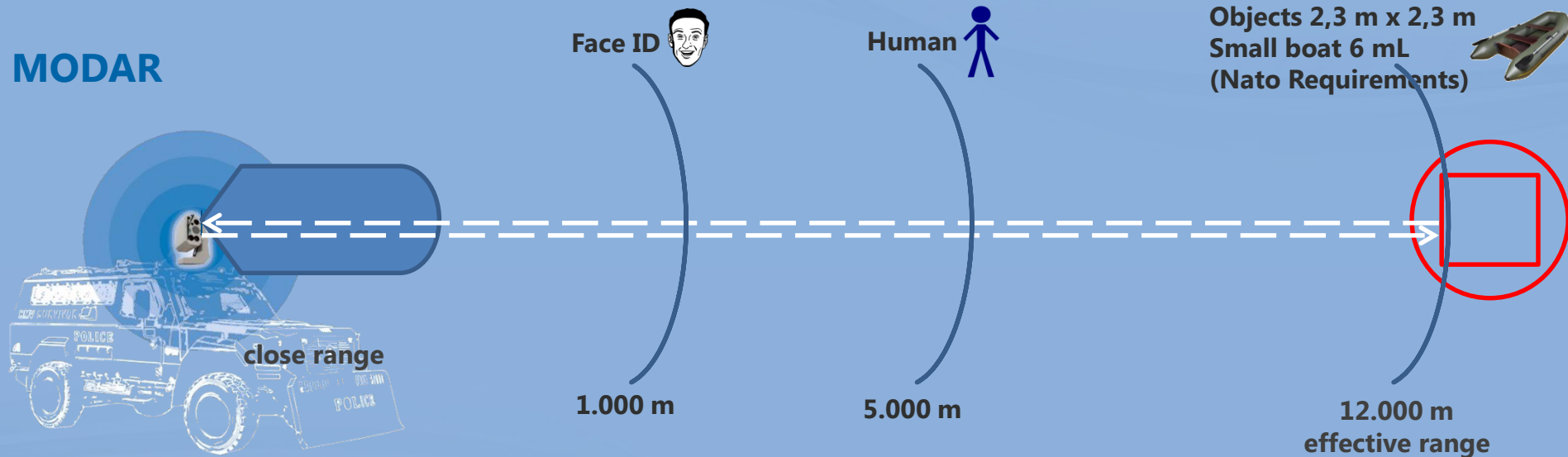


MODAR capabilities

MODAR

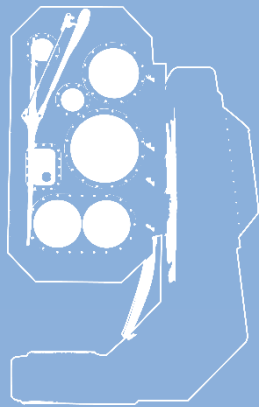
Tactical and operational aspects

MODAR detection at distances



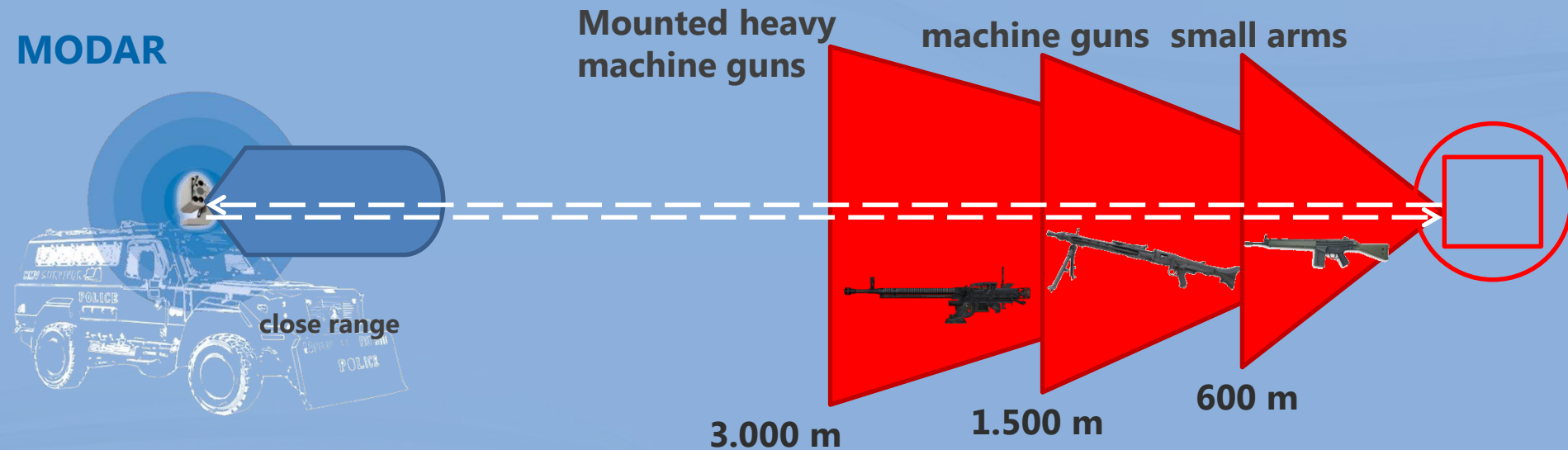
MODAR

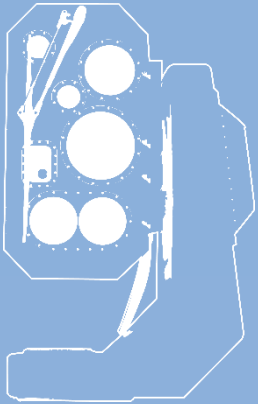
Tactical and operational aspects



**Ranges of MODAR in
comparison with
effective firing ranges
of opponents**

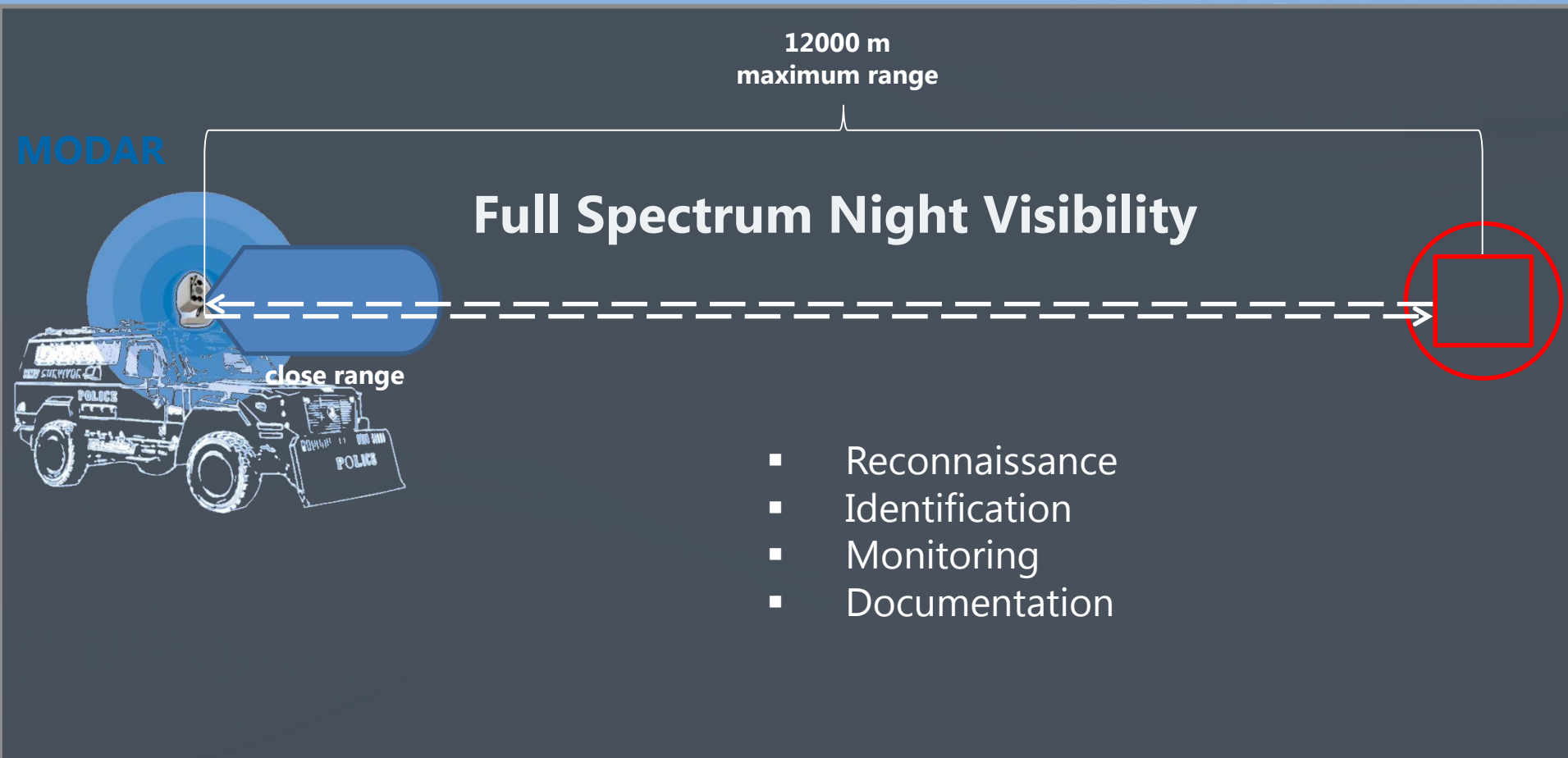
Effective Firing ranges of opponents



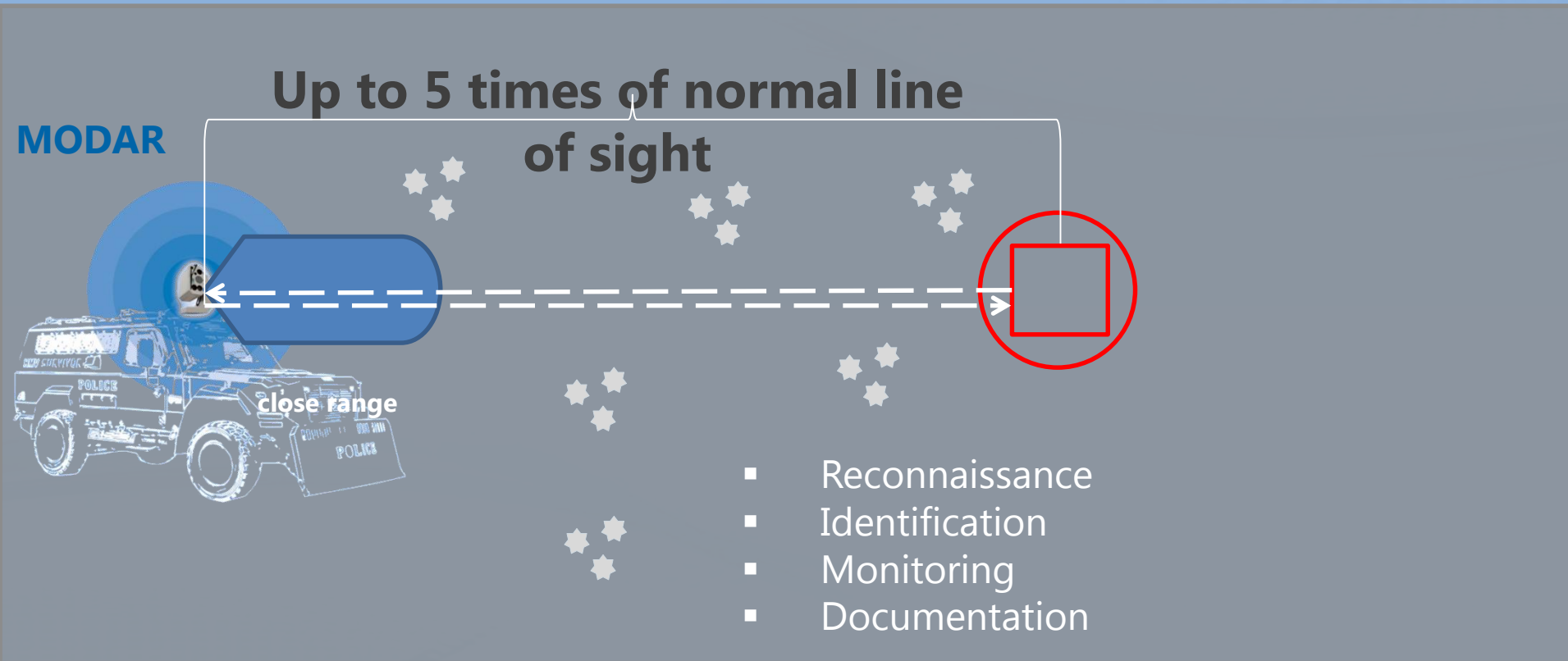


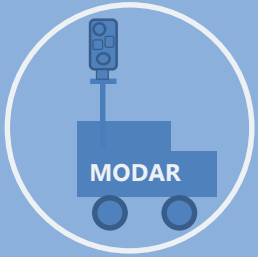
DARKNESS, FOG & SNOW

DARKNESS: No Limitation



FOG & SNOW: 5 times of normal line of sight



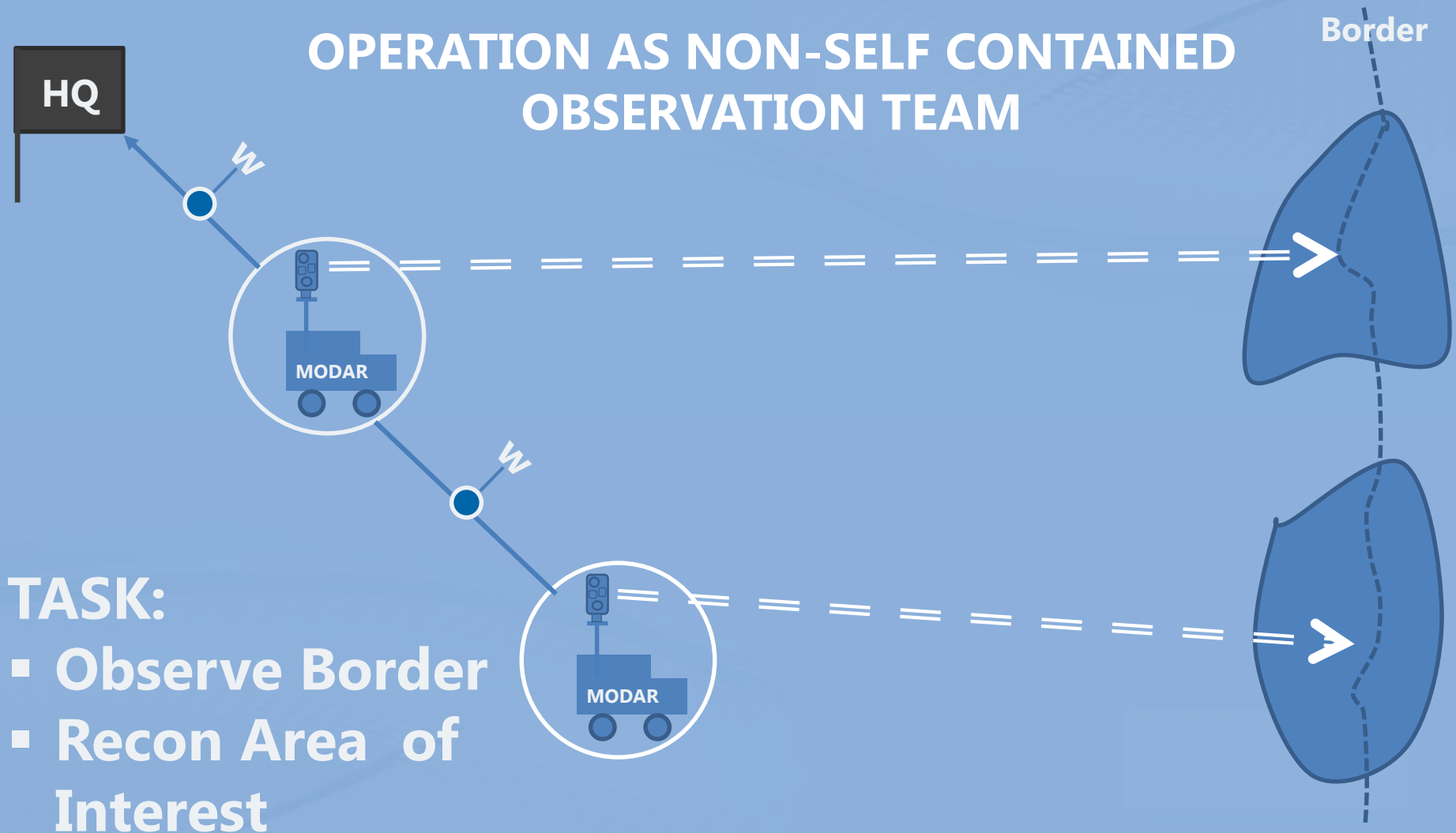


OPERATION AS NON-SELF CONTAINED OBSERVATION TEAM

MODAR

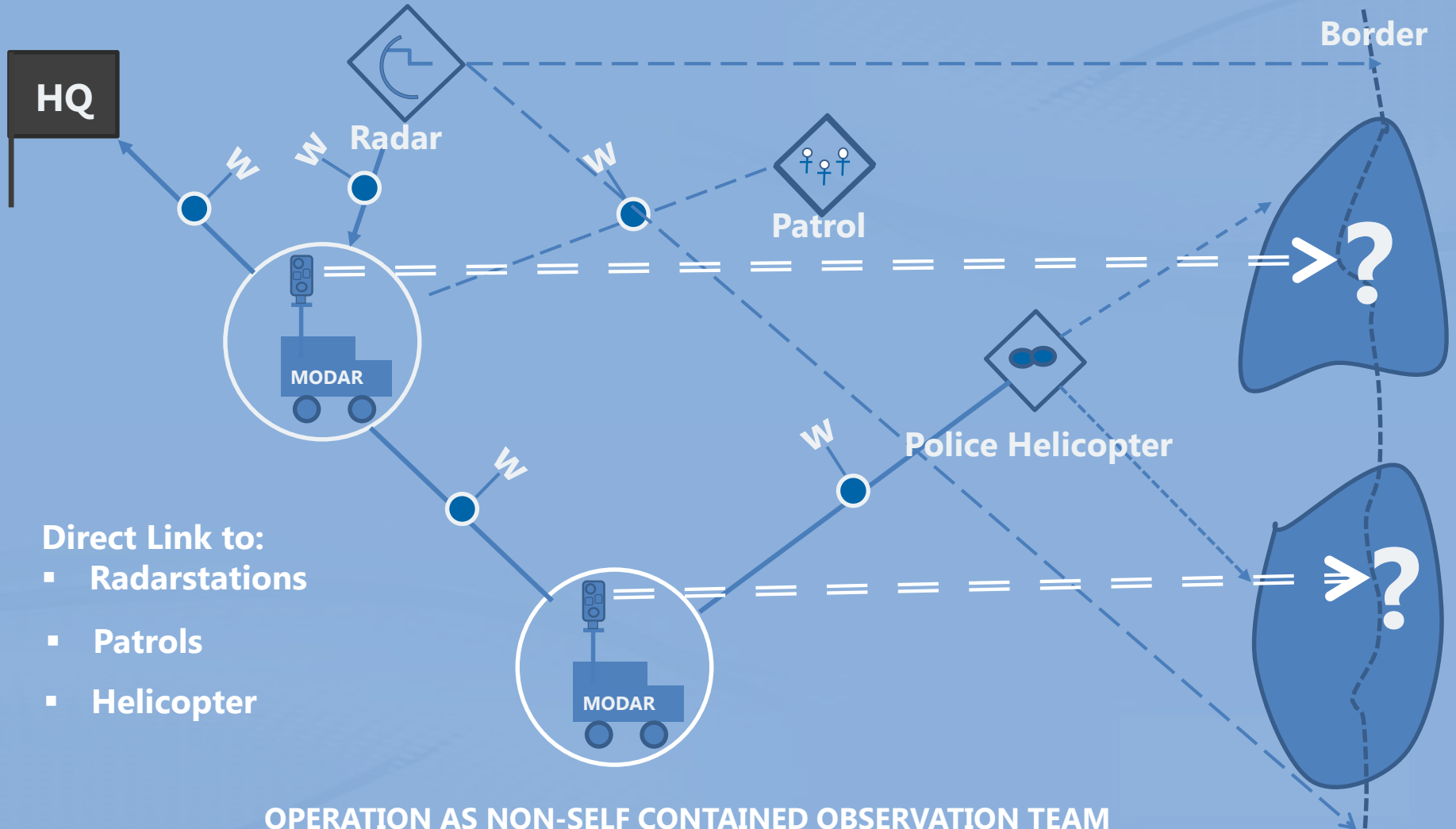
Tactical and operational aspects

OPERATION AS NON-SELF CONTAINED OBSERVATION TEAM



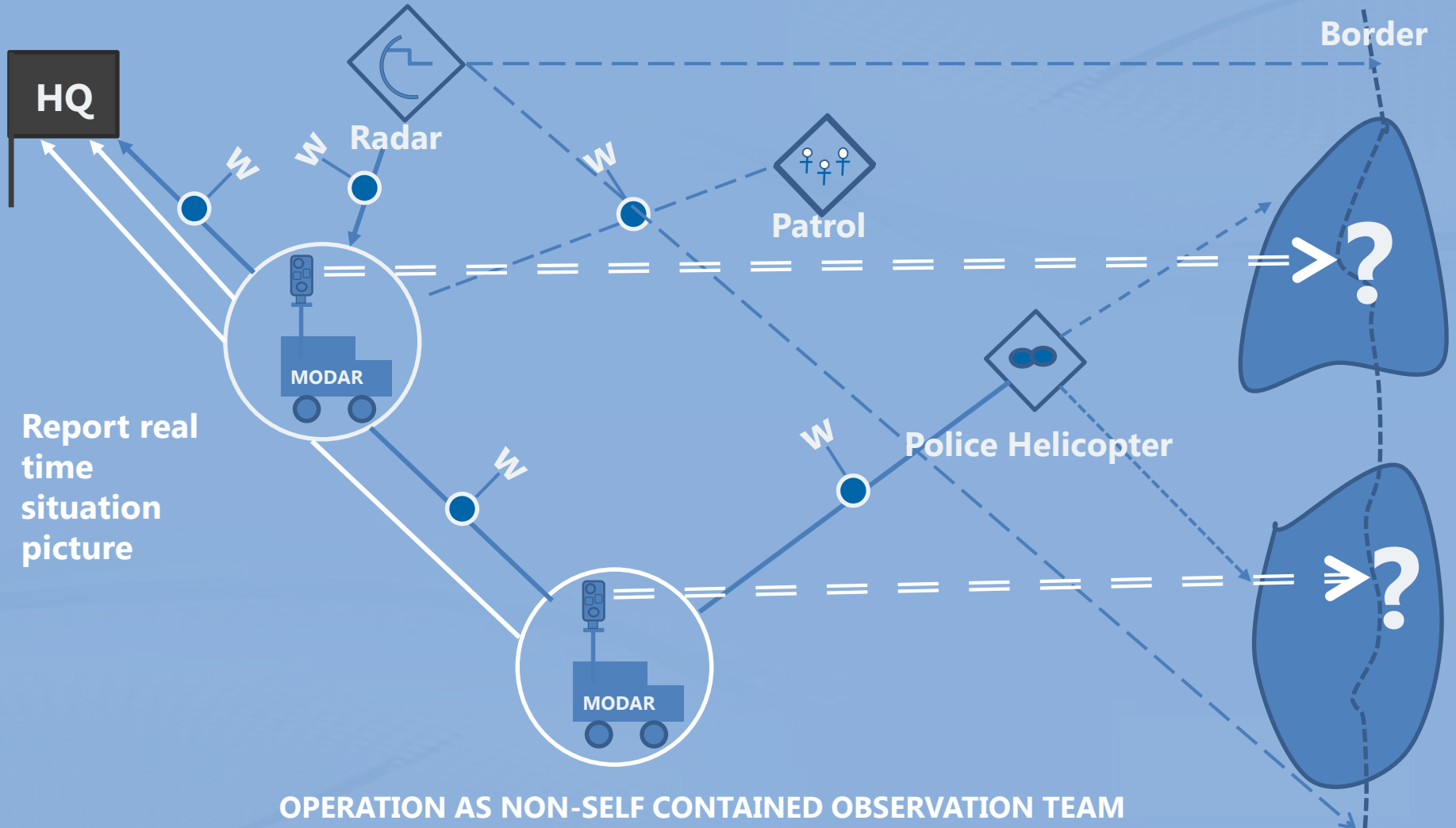
MODAR

Tactical and operational aspects



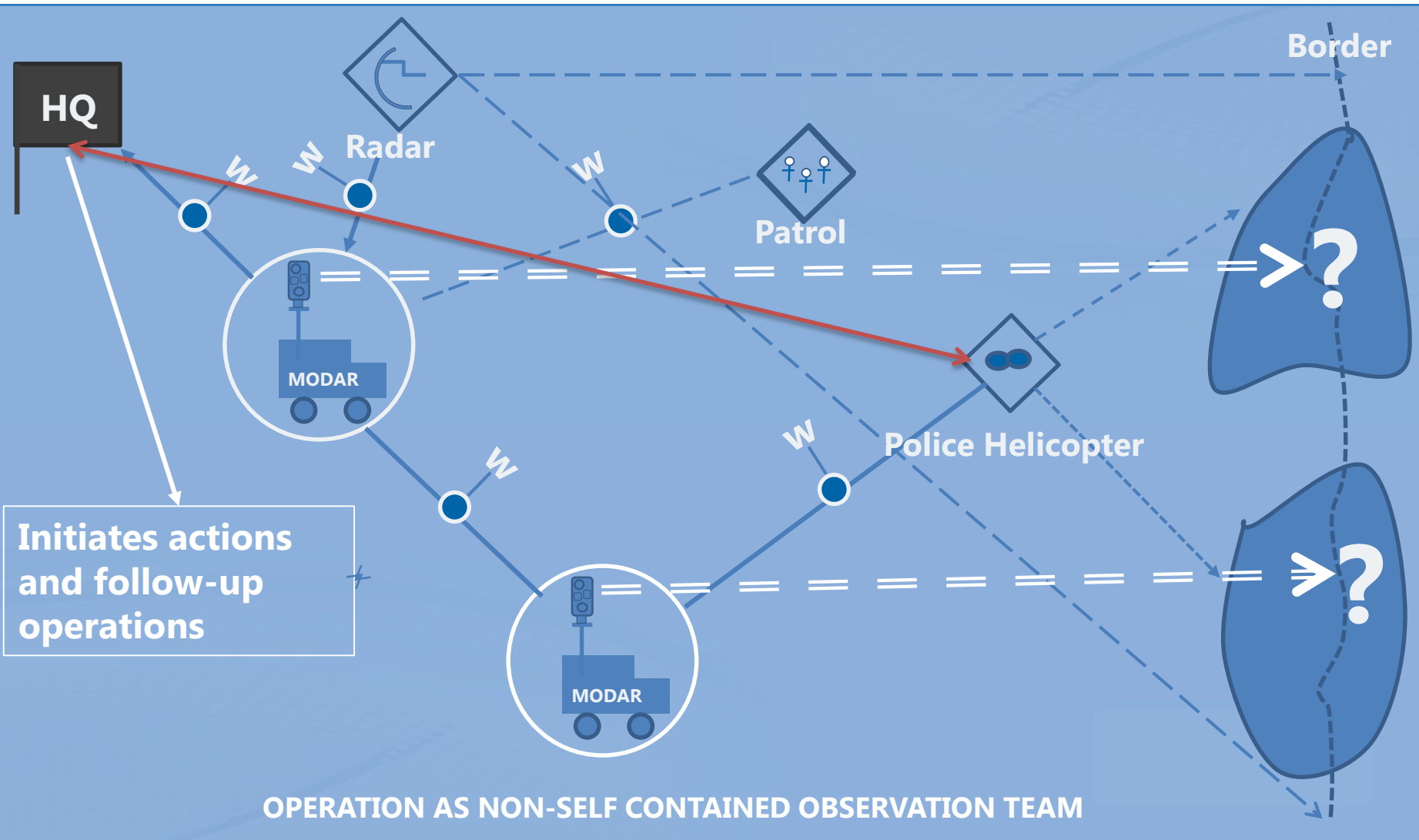
MODAR

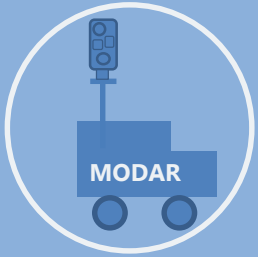
Tactical and operational aspects



MODAR

Tactical and operational aspects



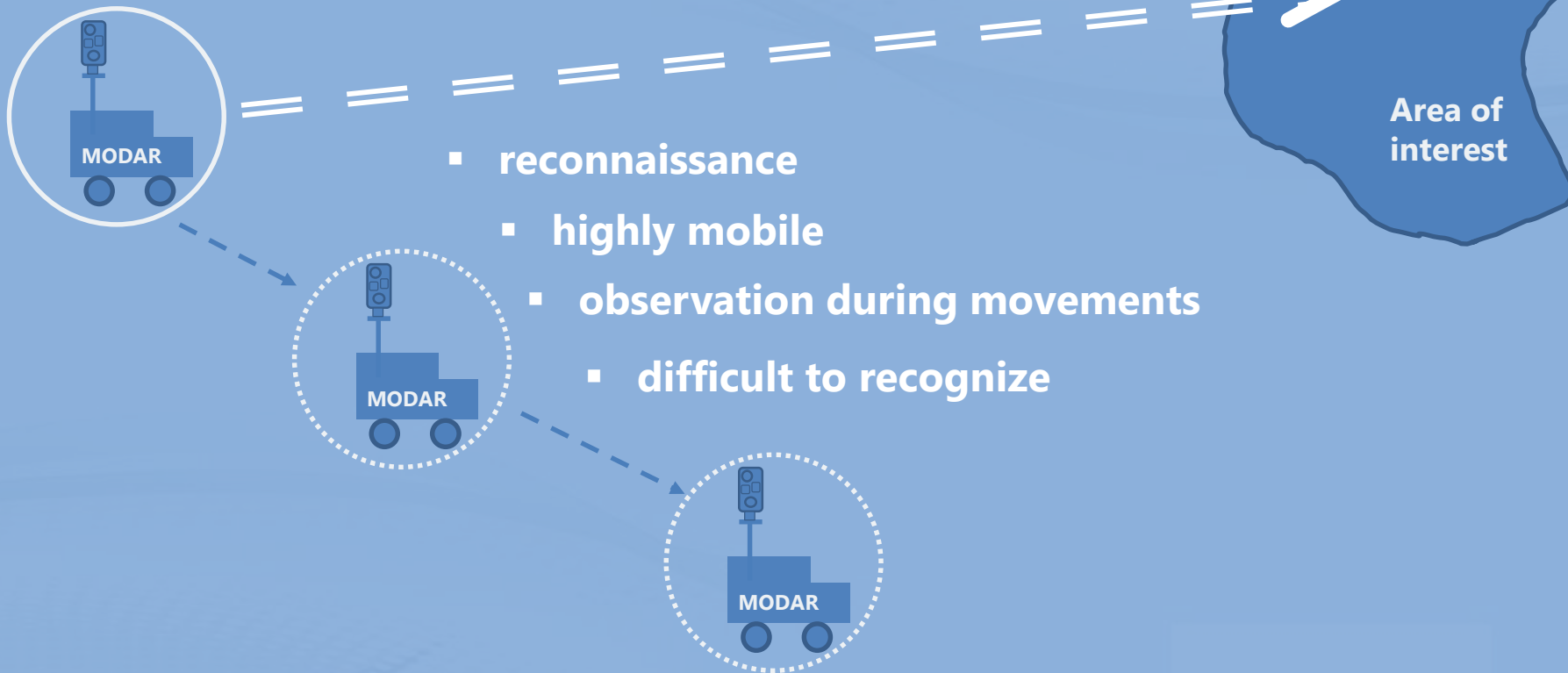


SELF CONTAINED COMMAND POST

MODAR

Tactical and operational aspects

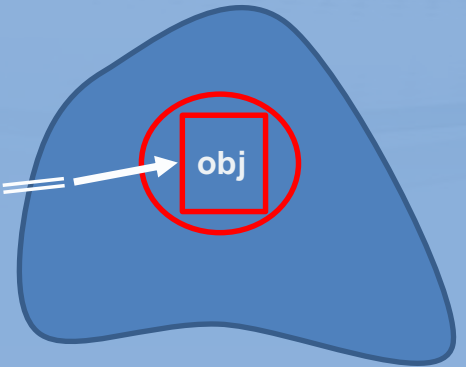
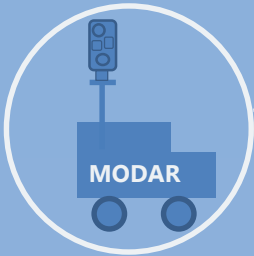
SELF CONTAINED COMMAND POST



MODAR

Tactical and operational aspects

SELF CONTAINED COMMAND POST



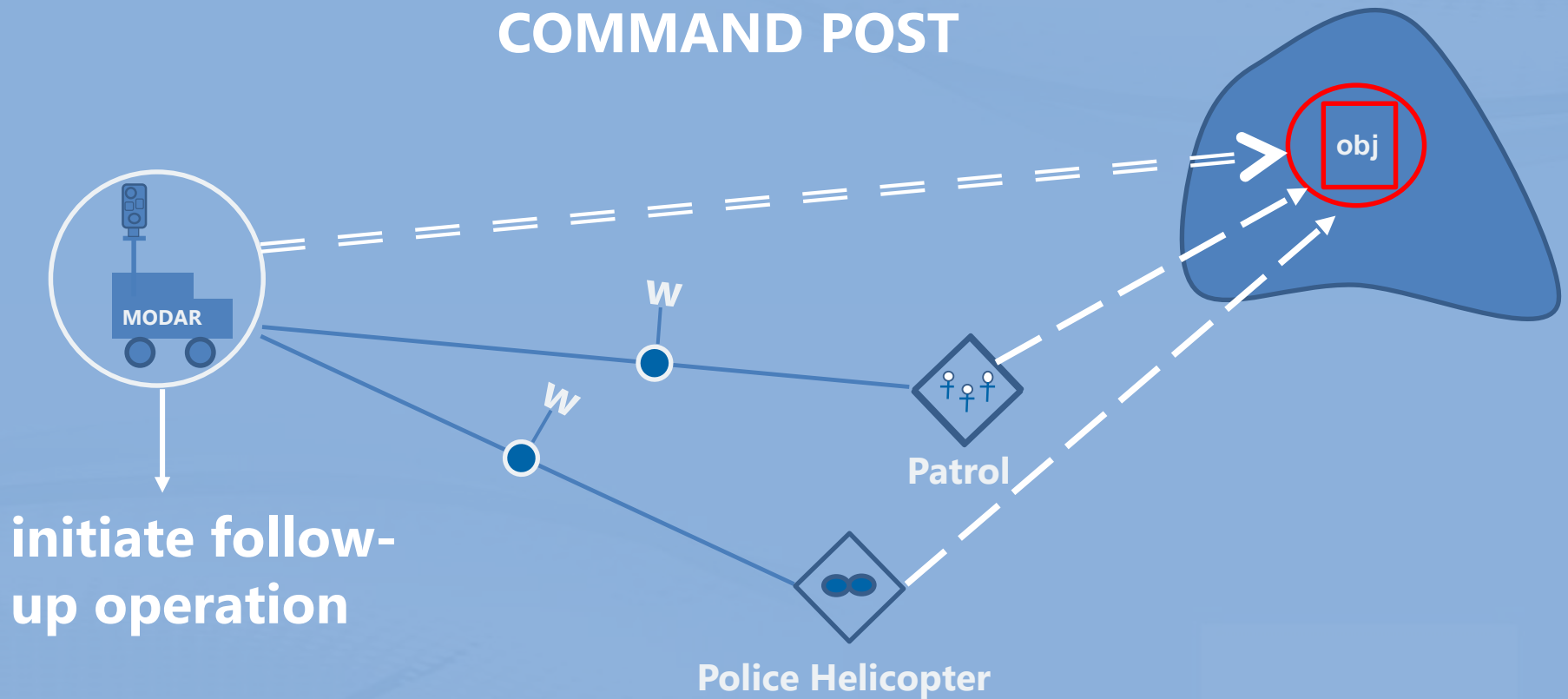
TASK:

- observe terrain
- identify objects
- Track objects / suspected persons
- Asses situation
- Report to higher HQ
- Act as local HQ in a given area of responsability

MODAR

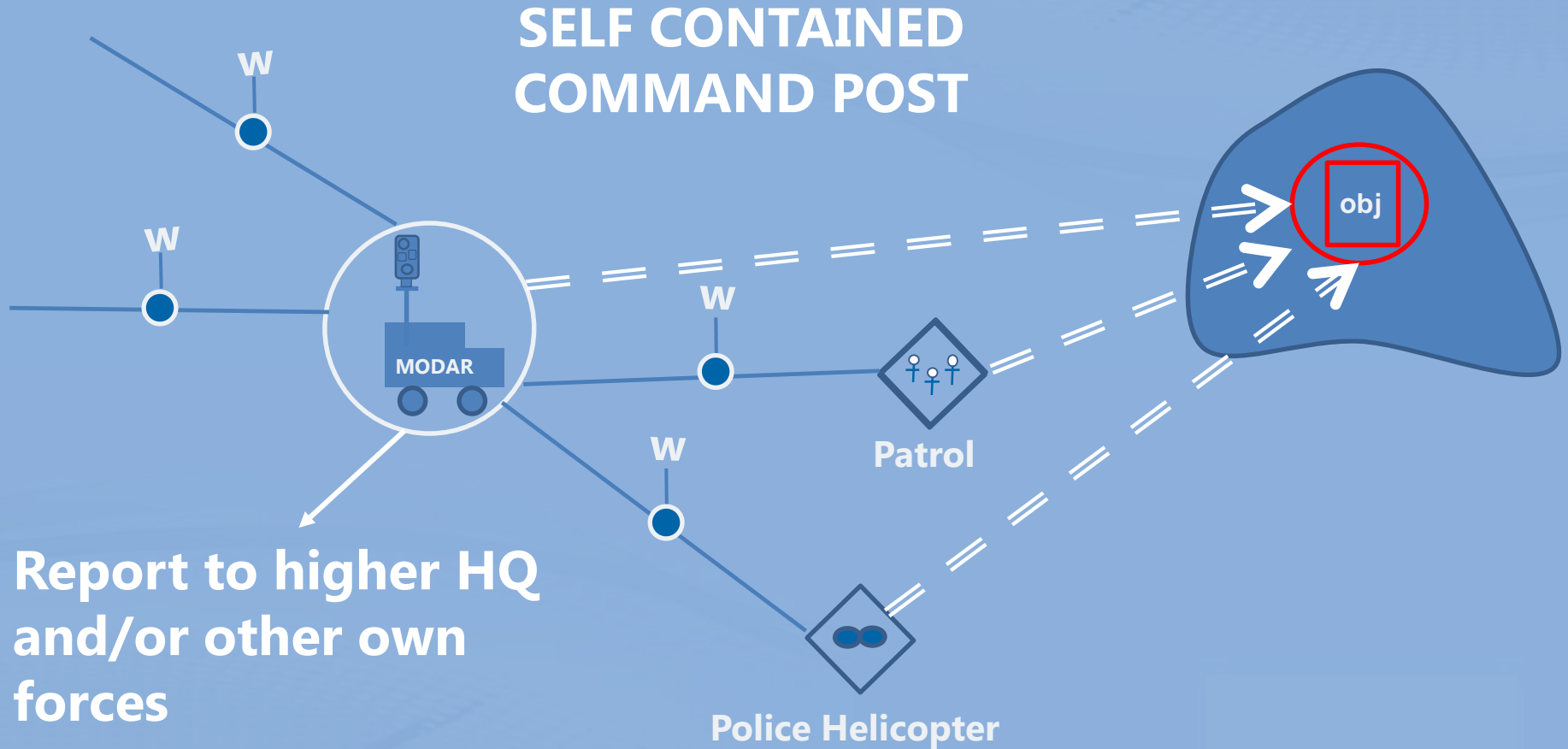
Tactical and operational aspects

SELF CONTAINED COMMAND POST



MODAR

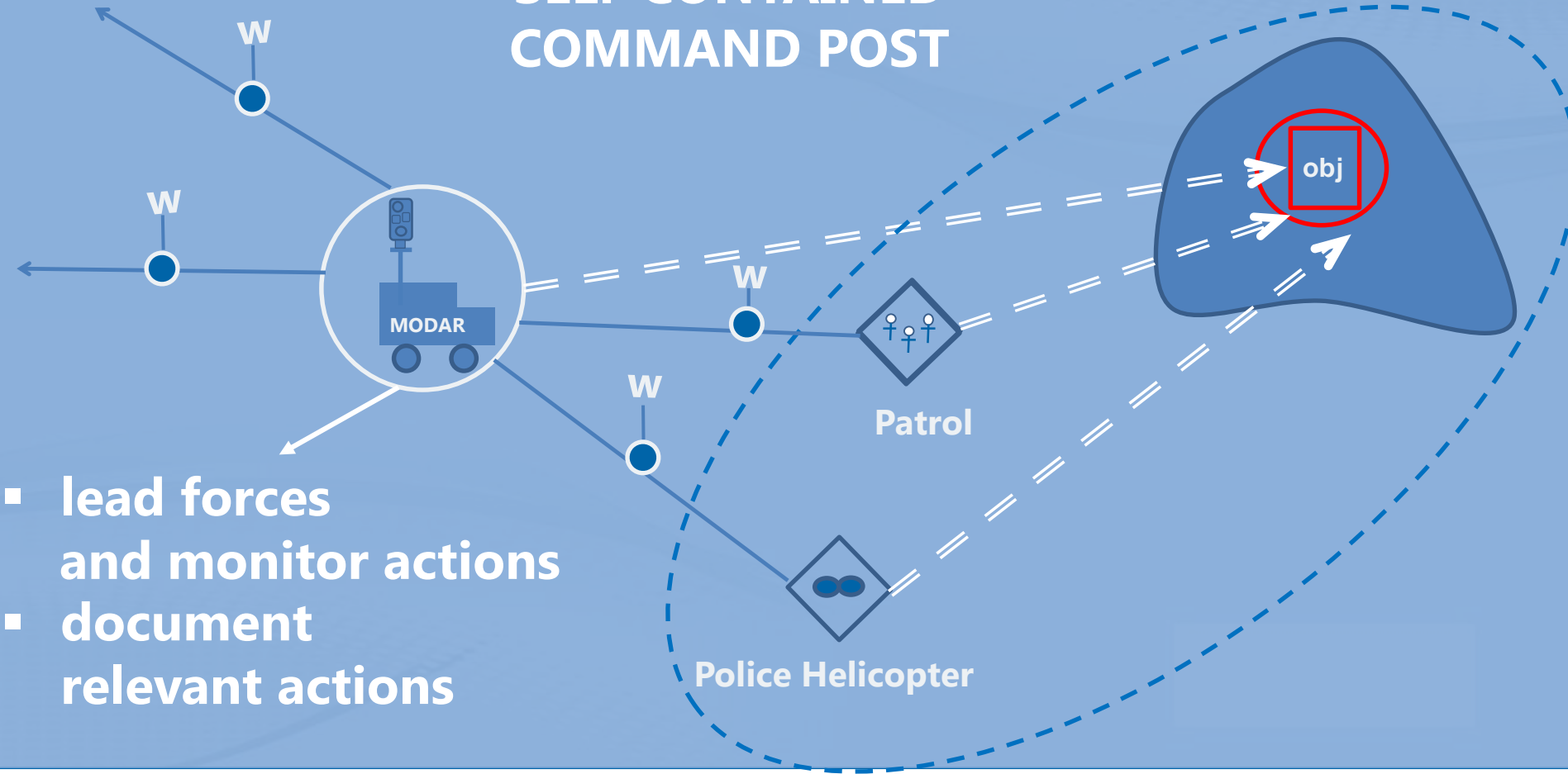
Tactical and operational aspects



MODAR

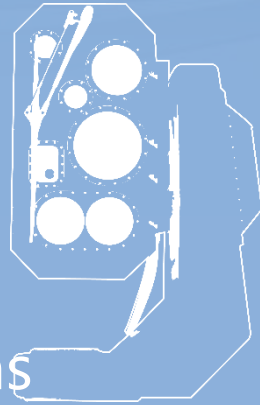
Tactical and operational aspects

SELF CONTAINED COMMAND POST



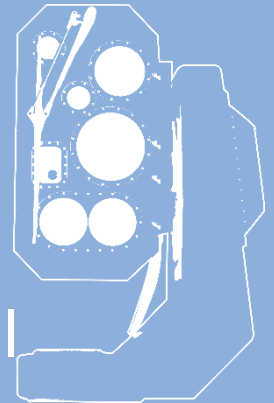
SUMMARY

- Highly modern camera system developed for police and military reconnaissance and observation
- Can be operated by small crew, low need for training and demand for operator skills
- Effective range up to 12.000 m
- Effective in almost all weather and visibility conditions
- Can operate as non self contained observation point as well as self contained command post



SUMMARY

- Reports real time situation picture to all connected forces, headquarters and/or other departments
- Able to operate out of range of opponent weapons
- Difficult to recognize by opponents commercial camera technology
- Capable to document all relevant events for legal proceeding and databases



THANK YOU FOR YOUR ATTENTION

Any questions?

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