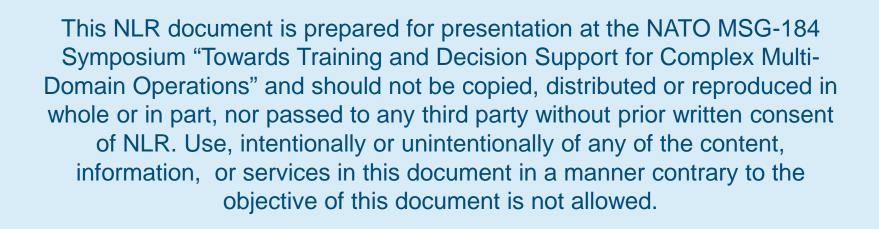
Dedicated to innovation in aerospace

5th Gen Mission Planning: Integrated Systems and Algorithms

NATO MSG conference 2021 | Jeanine Vlasblom & Antoine de Reus, Roy Arents Dedicated to innovation in aerospace





Situational awareness during the mission Primary plan and contingency plans

Several planning components

Scheme of Manoeuvre Plan

· · · · · · · · · · · · ·



Catch-22

New operational reality & more available data

More time needed (which is not available)

Photo: www.pexels.com





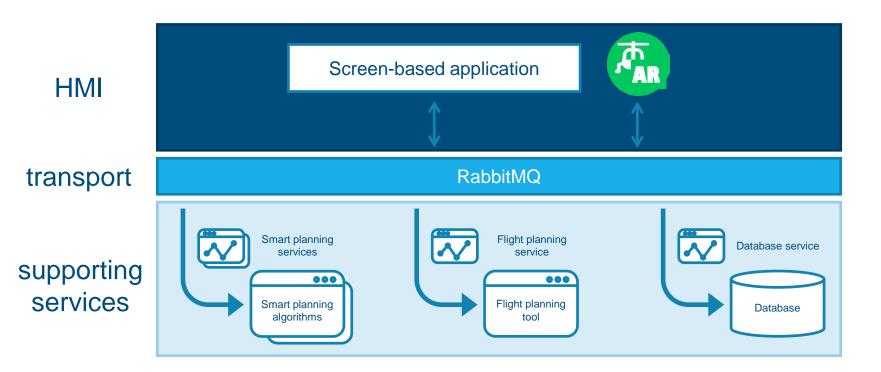
Data integration

Plan suggestion

Facilitating collaboration

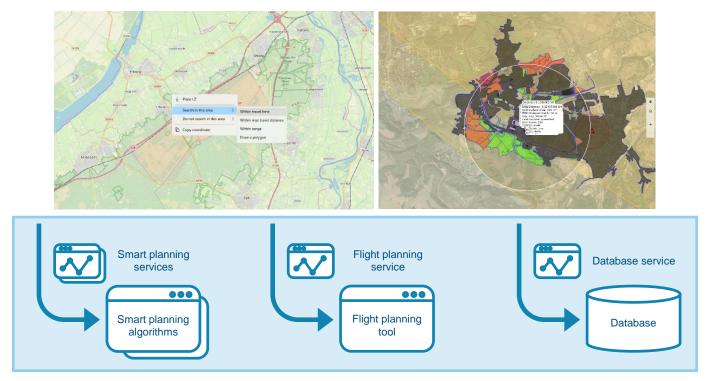


One integrated system





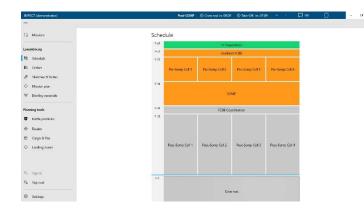
Supporting services

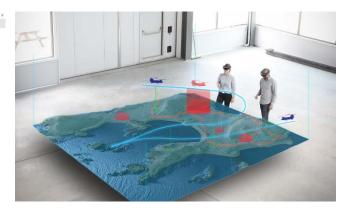




Human-Machine Interface









Collaboration

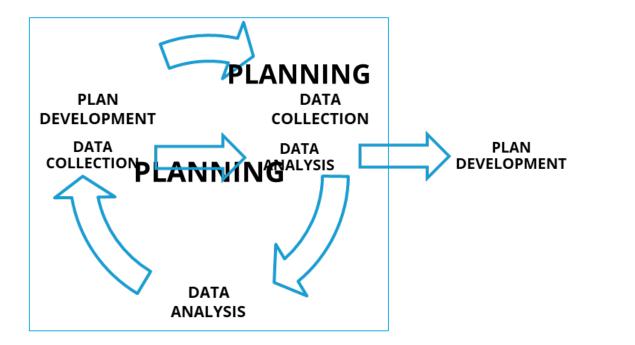
N



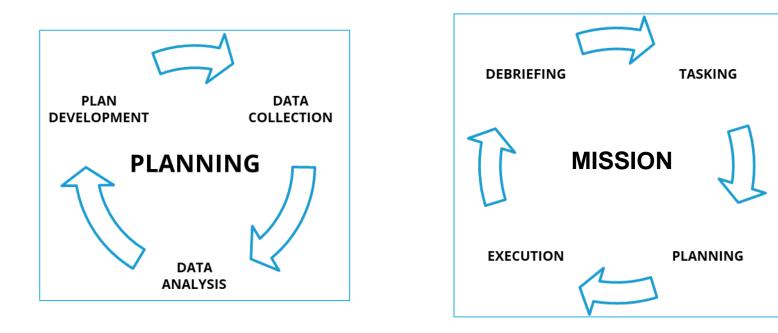
Rehearsal in VR













Better prepared for take-off

MARS MARA

10

Dedicated to innovation in aerospace

Fully engaged Royal Netherlands Aerospace Centre

NLR Amsterdam Anthony Fokkerweg 2 1059 CM Amsterdam The Netherlands

Photo: www.defensie

p)+31 88 511 31 13 e)info@nlr.nl i)www.nlr.org NLR Marknesse Voorsterweg 31 8316 PR Marknesse The Netherlands

p)+31 88 511 44 44 e) info@nlr.nl i) www.nlr.org