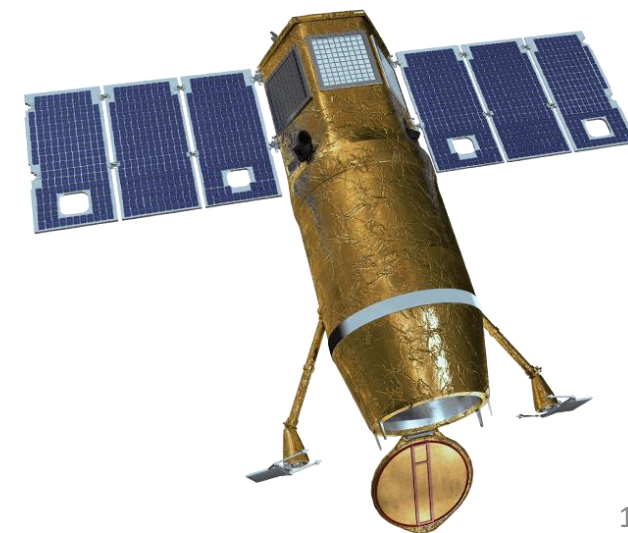
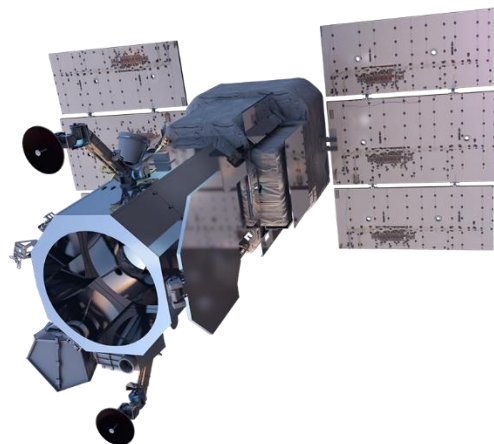
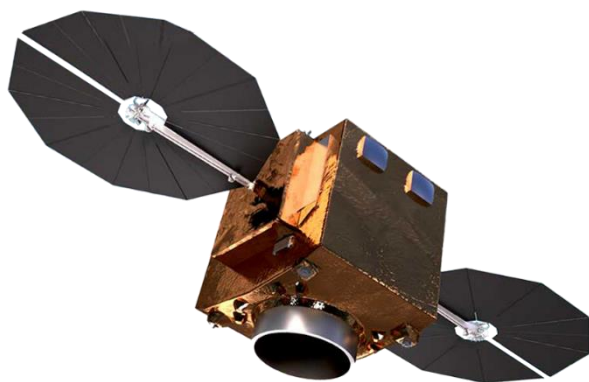
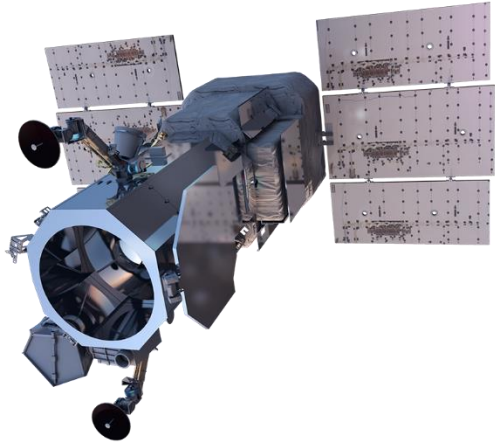


ANALYSE COMPARATIVE DU CONTENU INFORMATIONNEL DE L'IMAGERIE SATELLITE COMMERCIALE 30cm



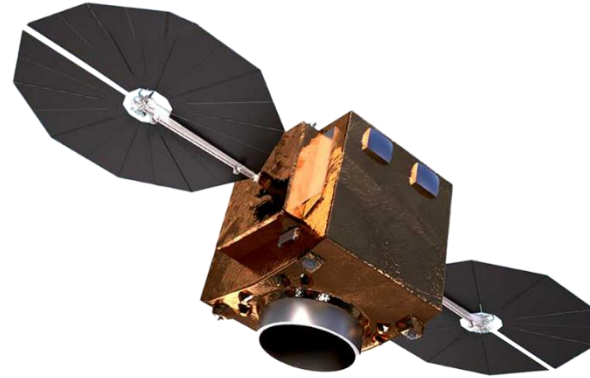


2014

WorldView-3

Résolution 31cm
Fauchée 13,1 km

1 bande PAN
8 bandes MS
SWIR + CAVIS



2021

Pléiades-Neo

Résolution 30cm
Fauchée 14 km

1 bande PAN
6 bandes MS

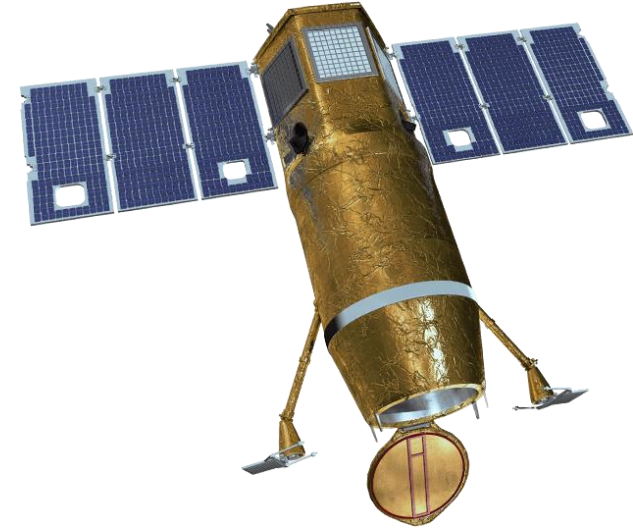


2022

SuperView Neo

Résolution 30cm
Fauchée 12/15 km

1 bande PAN
4 bandes MS



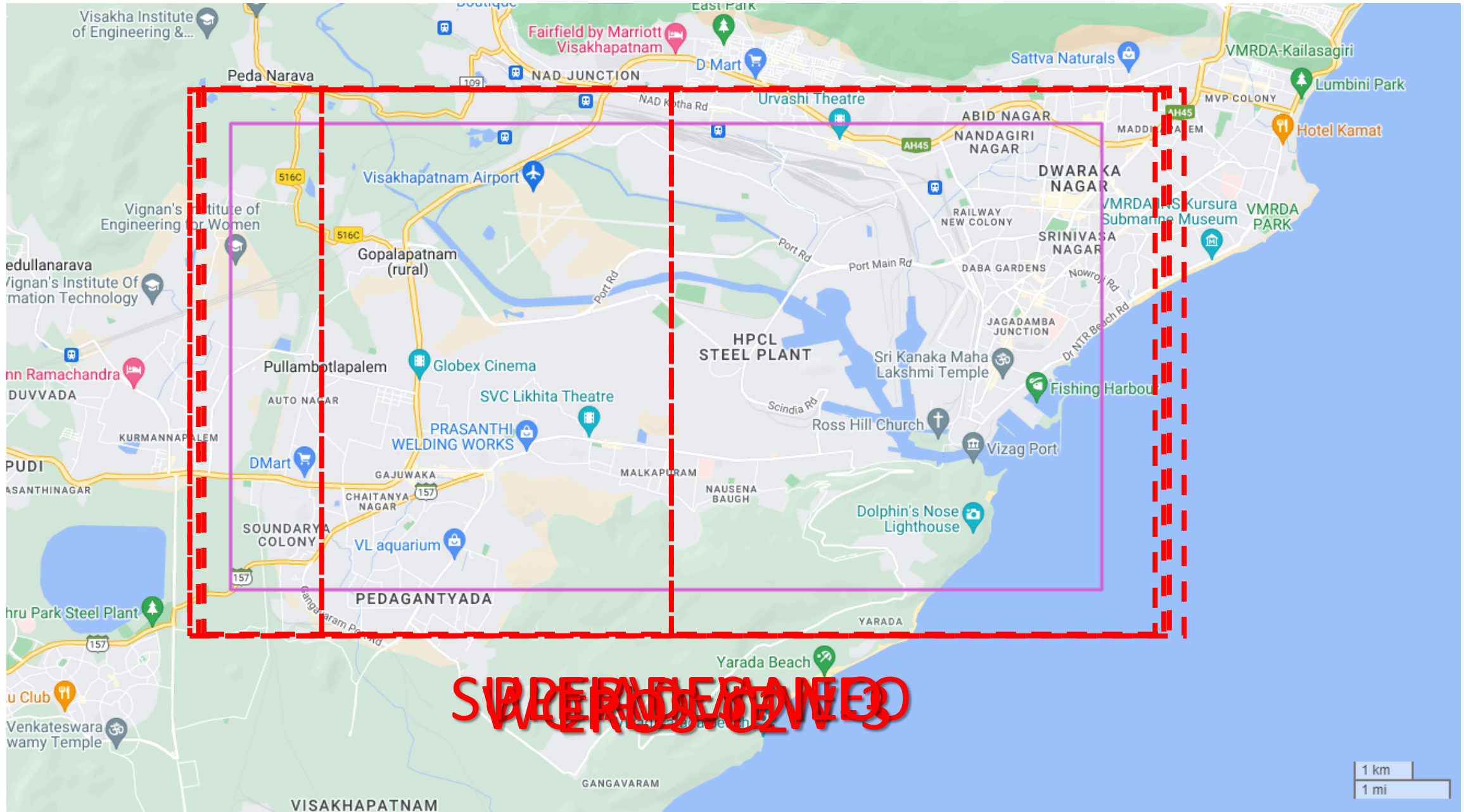
2023

EROS-C2

Résolution 30cm
Fauchée 12,5 km

1 bande PAN

Le contenu informationnel est-il le même ?



SWERDOWNES

Image Pléiades Neo
Angle de prise de vue : 11,9°



Image Worldview-3
Angle de prise de vue : 29,2°



Image Superview Neo
Angle de prise de vue : 13,5°



Image Eros-C2
Angle de prise de vue : 17,1°



Pleiades Neo



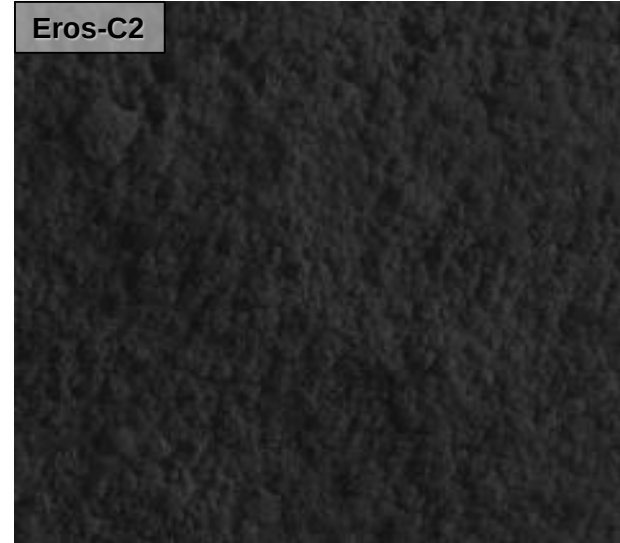
Worldview-3



Superview Neo



Eros-C2



Pleiades Neo



Worldview-3



Superview Neo



Eros-C2



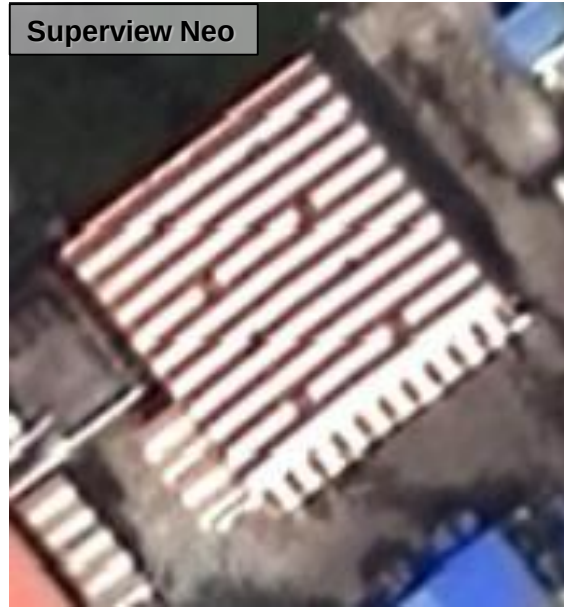
Pleiades Neo



Worldview-3



Superview Neo



Eros-C2



Pleiades Neo



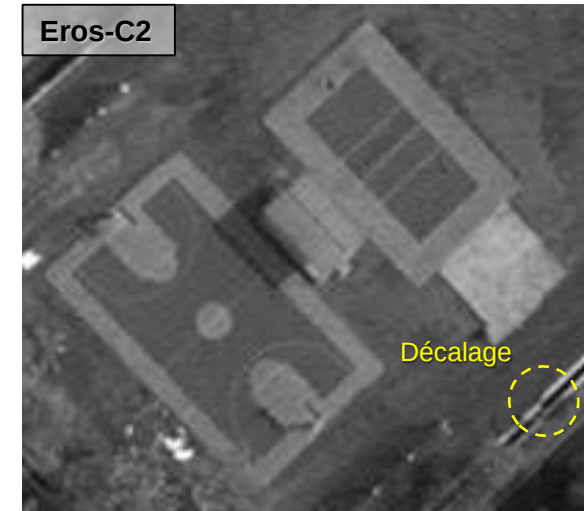
Worldview-3



Superview Neo



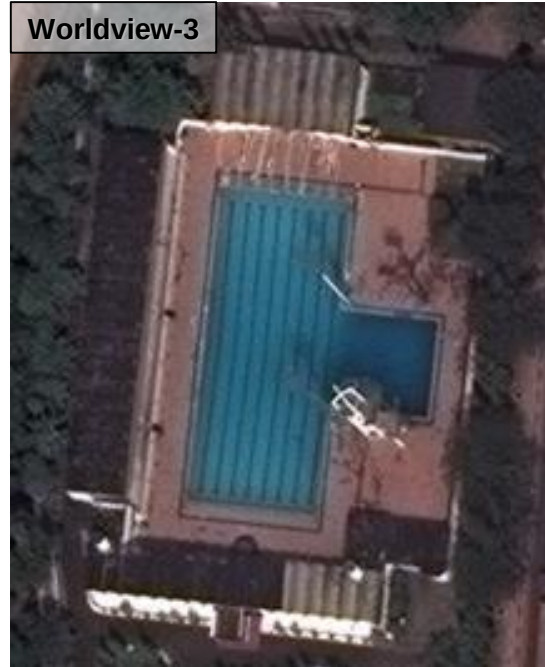
Eros-C2



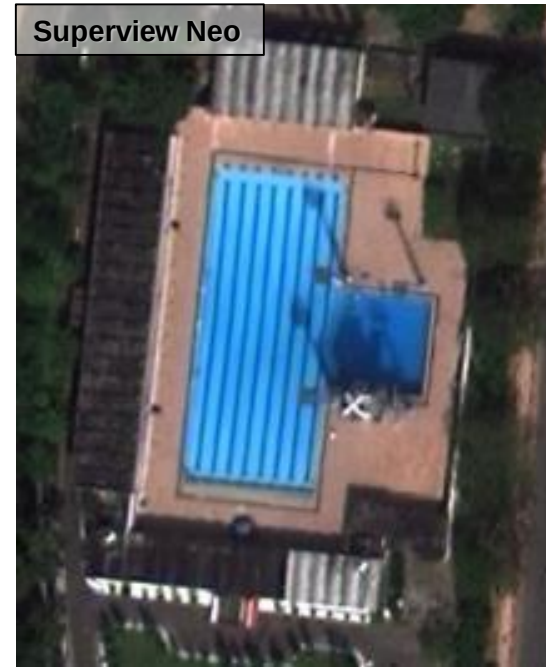
Pleiades Neo



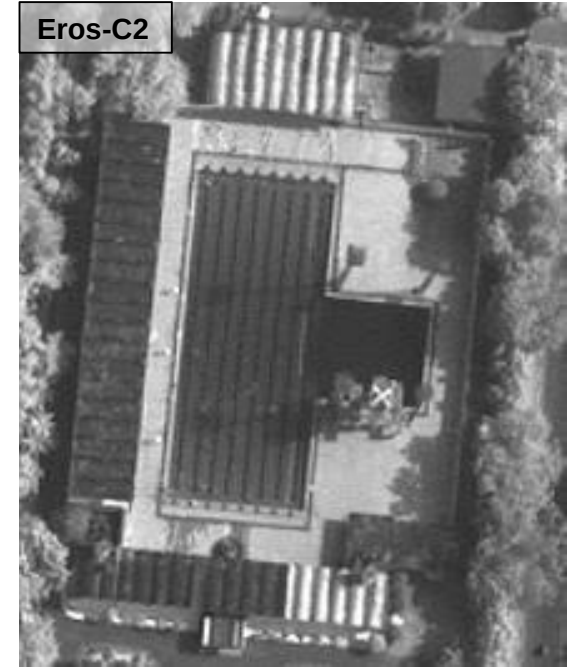
Worldview-3



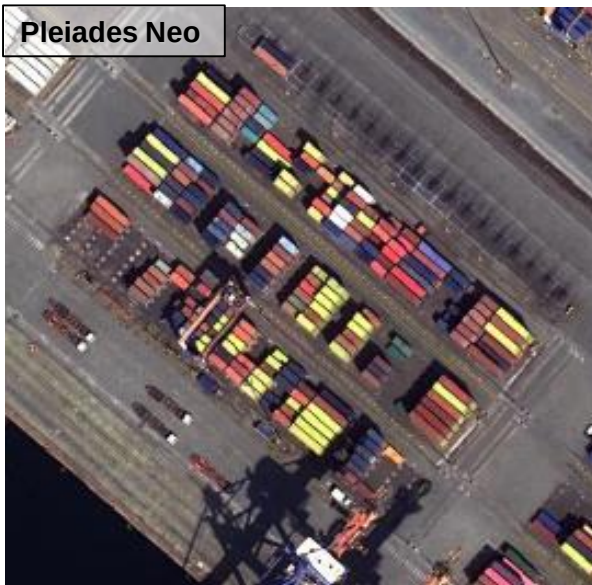
Superview Neo



Eros-C2



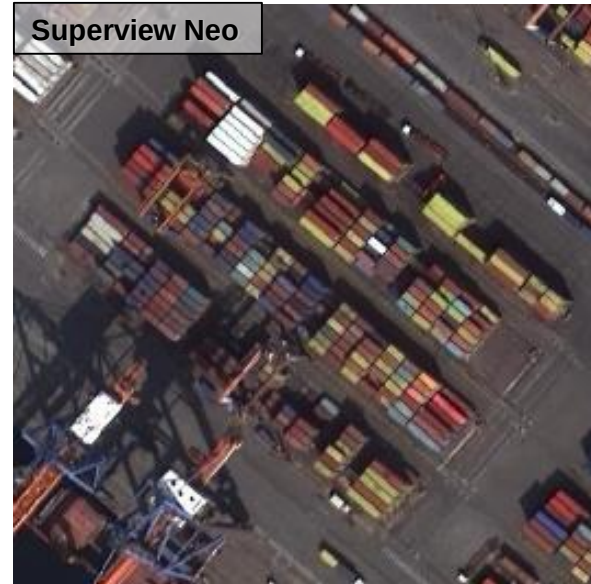
Pleiades Neo



Worldview-3

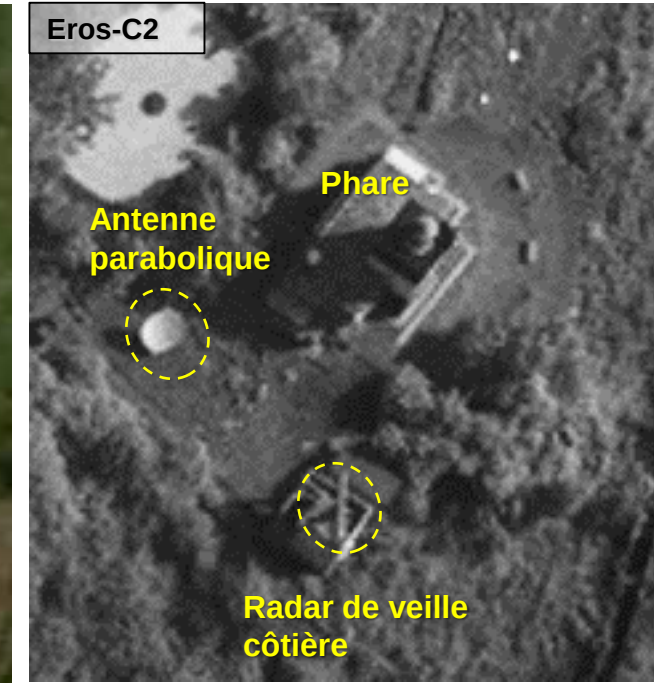


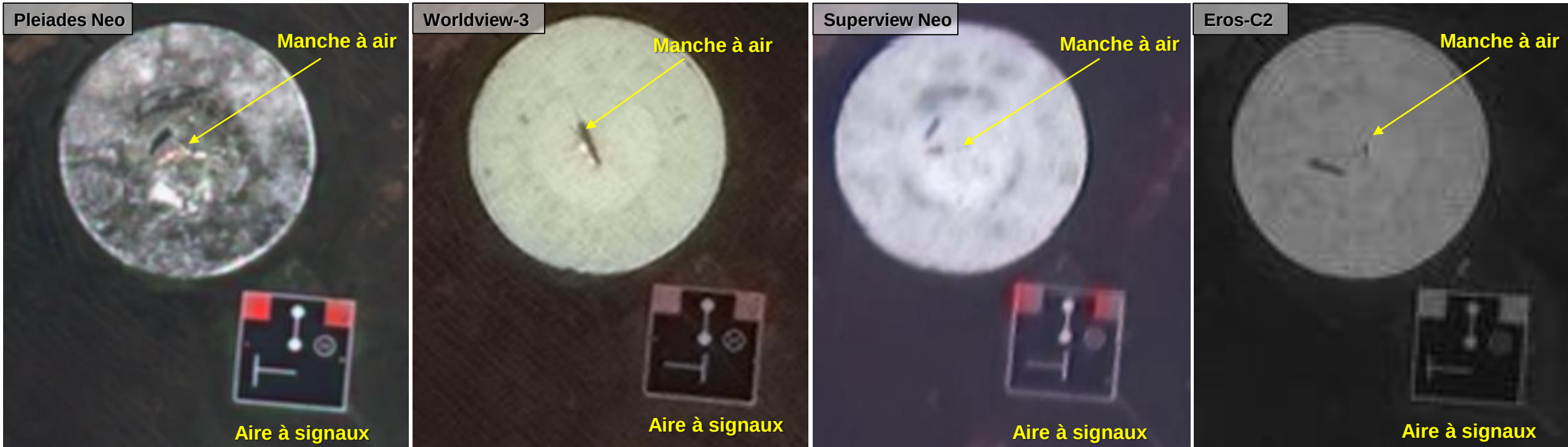
Superview Neo



Eros-C2

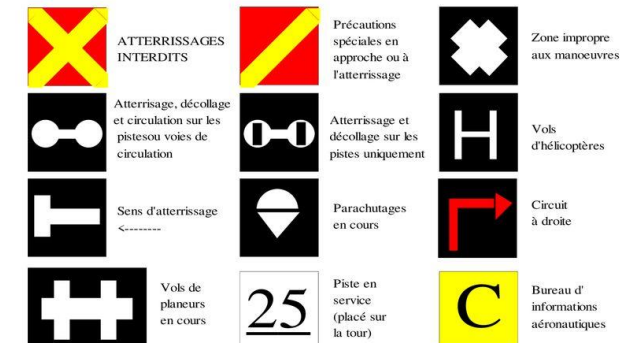
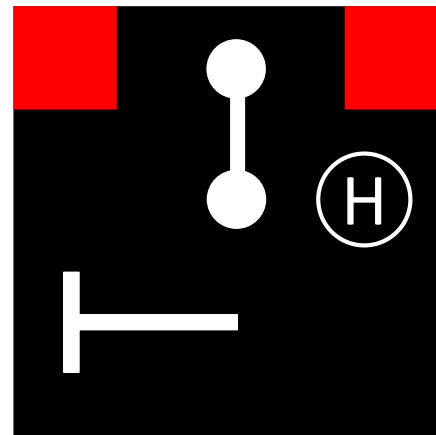






Infrastructures d'un aéroport (aire de signaux)

L'aire de signaux permet à un aéronef de connaître l'essentiel de l'activité de l'aéroport, même en cas de panne radio, et ce grâce à des panneaux déposés au sol.





Pleiades Neo

UH-3H
SARAS

Worldview-3

UH-3H
SARAS

Superview Neo

UH-3H
SARAS

Eros-C2

UH-3H
SARAS



Pleiades Neo

SA-316 Alouette III
/ Chetak

Worldview-3

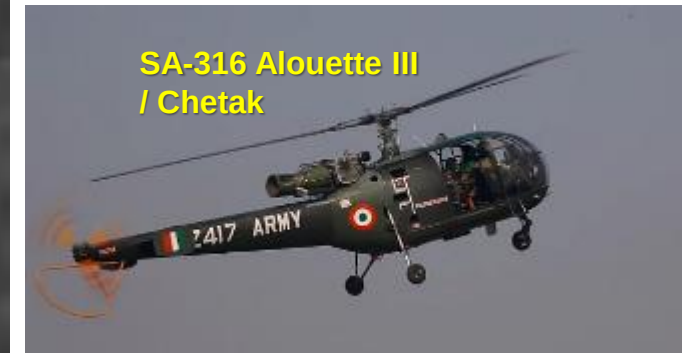
SA-316 Alouette III
/ Chetak

Superview Neo

SA-316 Alouette III
/ Chetak

Eros-C2

SA-316 Alouette III
/ Chetak



Pleiades Neo



Worldview-3

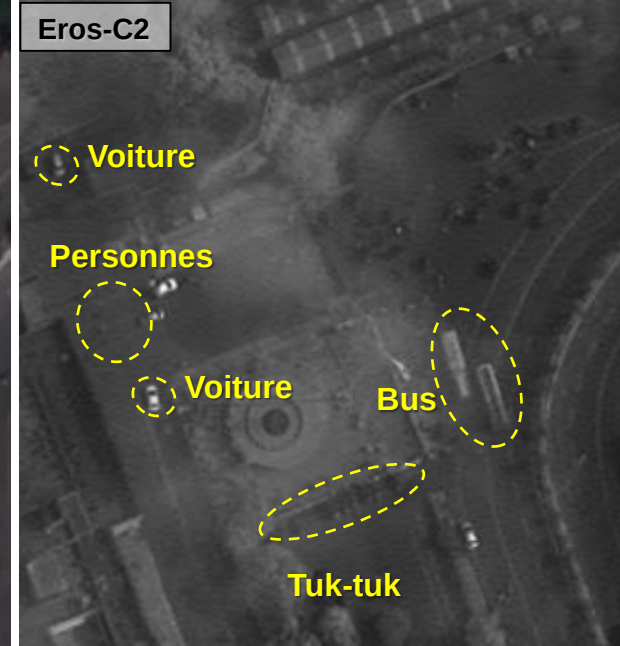
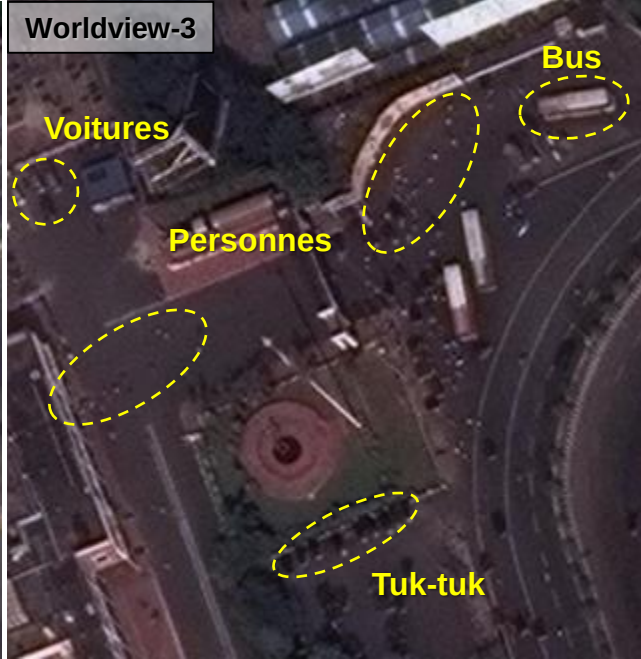


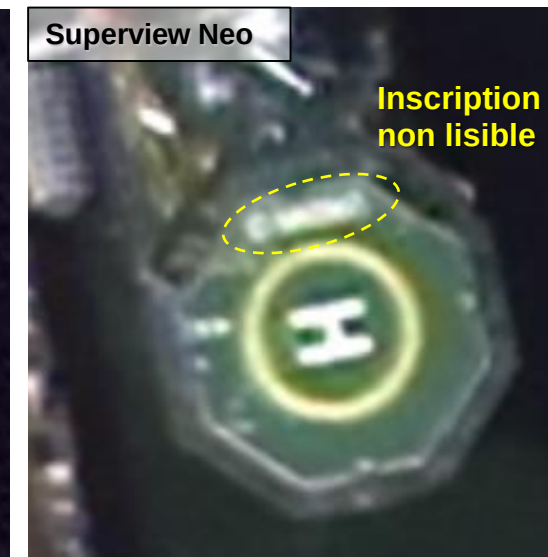
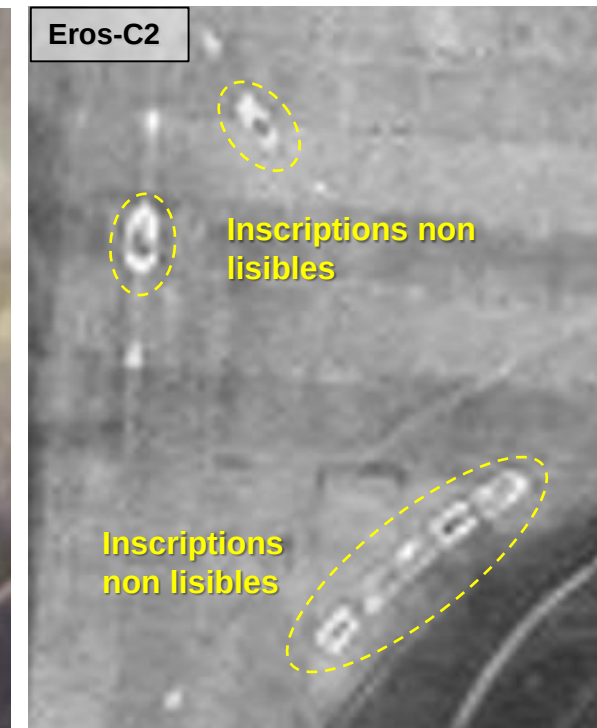
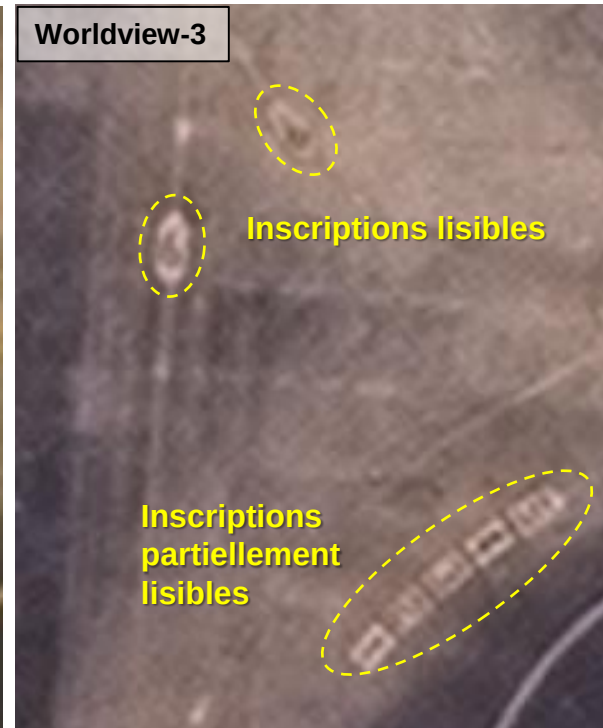
Superview Neo



Eros-C2



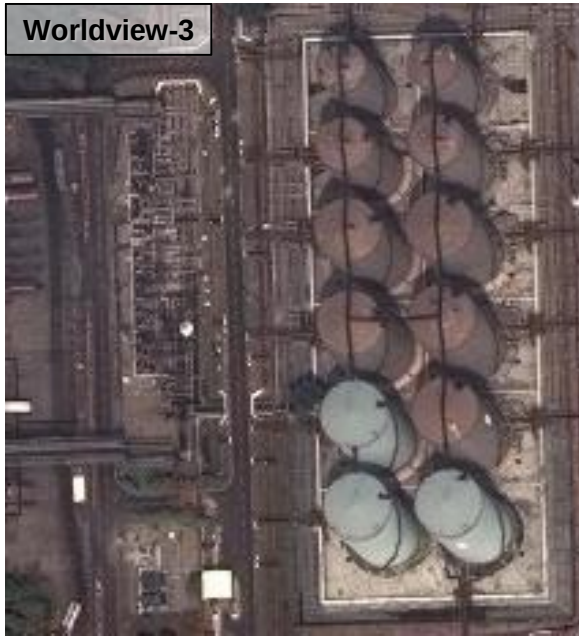




Pleiades Neo



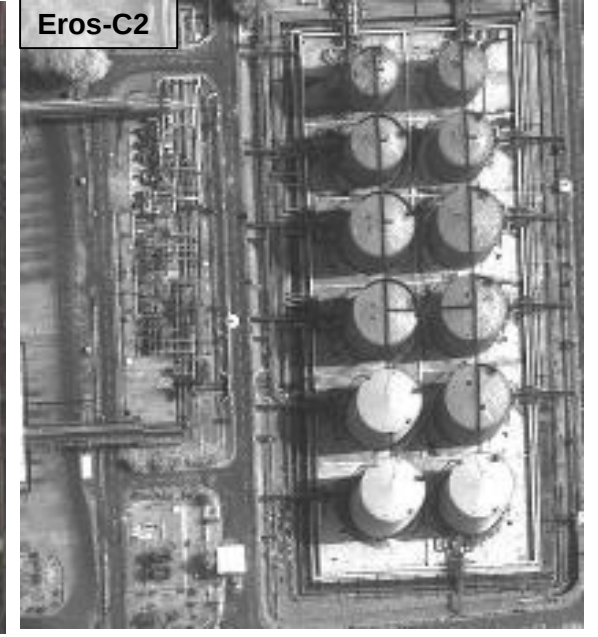
Worldview-3



Superview Neo



Eros-C2



Pleiades Neo



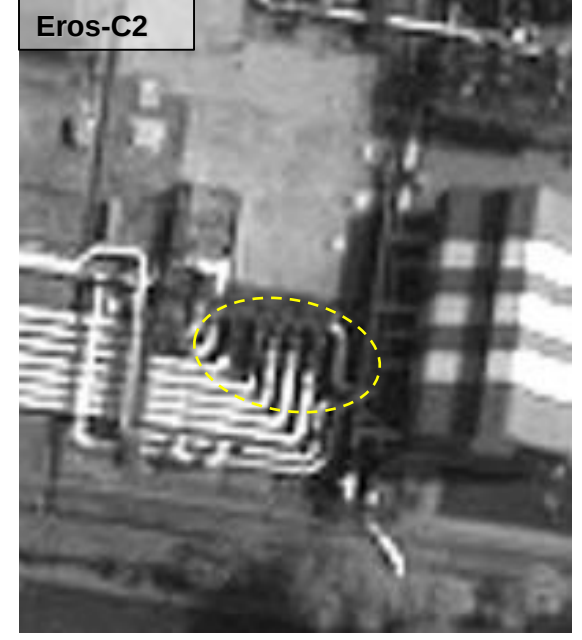
Worldview-3



Superview Neo



Eros-C2





	PLEIADES NEO	WORLDVIEW-3	SUPERVIEW NEO	EROS-C2
Détection et identification de sites d'intérêts	++	++	++	++
Détection et identification d'aéronefs	++	++	+	+
Détection et identification de navires	++	++	++	++
Détection et identification de véhicules	++	++	++	++
Détection de personnes	+	+	+	+
Analyse de zone industrielle	++	+	+	+
Discrimination de détail de petits objets	++	++	-	-
Discrimination des inscriptions	++	+	-	--
Détection d'installation électronique	+	+	+	+
Rendu de la texture de la végétation	+	++	-	+
Profondeur des couleurs	++	--	++	N/A
Absence d'artefact	--	++	-	--
Absence de bruit	+	-	-	-
Absence de flou	+	+	--	+

Pleiades Neo – 30cm



Worldview-3 – 30cm



Pleiades Neo – 30cm



Worldview-3 – 30cm



Pleiades Neo – 15cm



Worldview-3 – 15cm



Pleiades Neo – 15cm



Worldview-3 – 15cm





30cm

- Identification des mêmes éléments réalisable sur chacune des imageries
- Identification facilitée sur les images Pléiades-Neo
- Points forts de Pléiades-Neo : Perception des petits détails, des inscriptions et profondeur des couleurs

HD 15cm

- Qualité : produit HD Pléiades-Neo > produit World-View-3
- Super-résolution :
 - Pas d'ajout d'information,
 - Amélioration du rendu des textures, des contours et correction d'artefacts

QUESTION ?