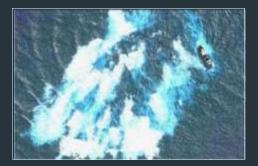


Rémi Andreoli, BLUECHAM SAS Peter Kinne, DigitalGlobe Australia Didier Lille, BLUECHAM SAS







THE MONITORING OF MARITIME INCIDENT USING REMOTE SENSING AND CLOUD SOLUTION

The Pacific GIS&RS User Conference



INTRODUCTION



SENTINEL-3 acquired the 8th of August 2017 © ESA Copernicus materials, all rights reserved. Processing BLUECHAM SAS 2017

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 Monitoring of the operational team during the early phase of fuel removal

• Access to daily observations of the situation

• Assess the technology for operational use

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30 to 50 cm, 4/16 bands live web streaming DigitalGlobe Imagery web services with daily acquisitions BLUECHAM's Qëhnelö™ technology for front end applications

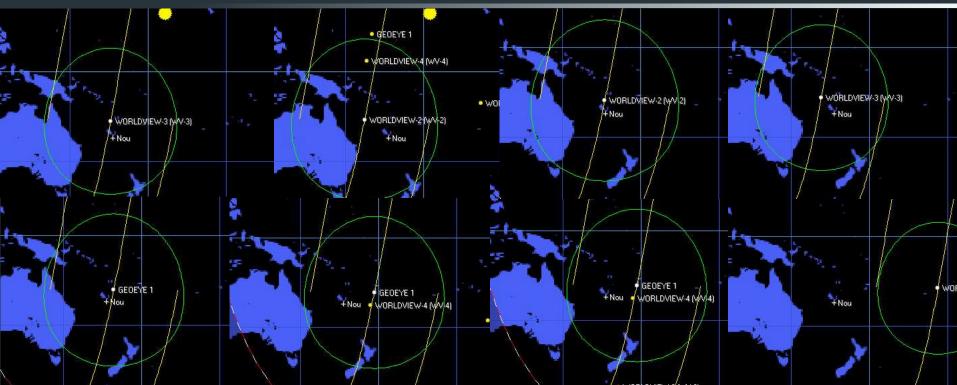


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KEA-TRADER : CEPPOL, CGE-ORSEC





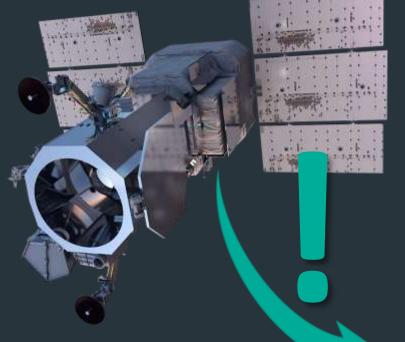
7 VHR acquisitions between the 23rd of July 2017 and the 28th of July 1st image acquired the Sunday 23rd of July at 10:08am

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Average of 1.06 hours

Time between the satellite acquisition and the information Consumption by the users is critical

Betweeen 40 minutes and 2.35 hours

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DigitalGlobe KEA-TRADER 1/5.000 – 23 JULY 2017, 50 CMTRUE OB

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• KEA-TRADER : CEPPOL, CGE-ORSEC

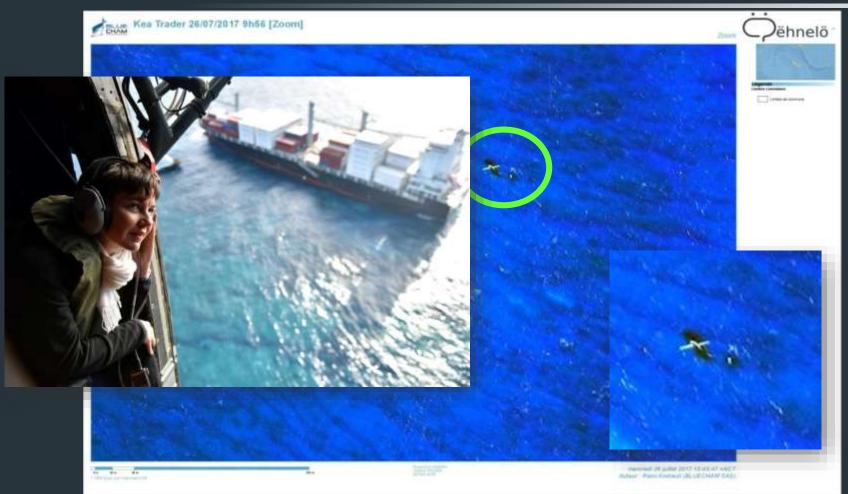


Kea Trader 26/07/2017 9h56 Jëhnelö Sheet 81 Mar. 201 manyreal 26 Julie 2017 12 AD Ge +NC1 Report American dis 100 March 2010

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Kea-Trader 1:1000ème – 26 juillet 2017 ACQ2/2 10h26, 30cmTrue Détection d'une zone d'irisation de surface dans trois directions Sud

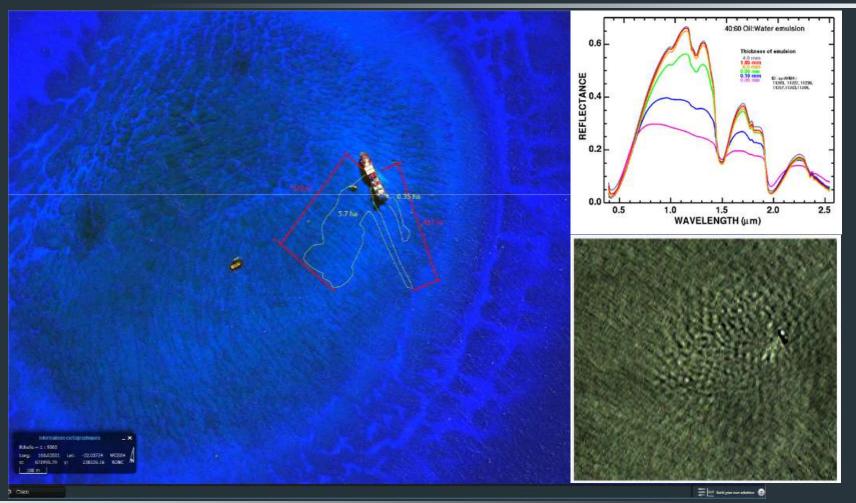




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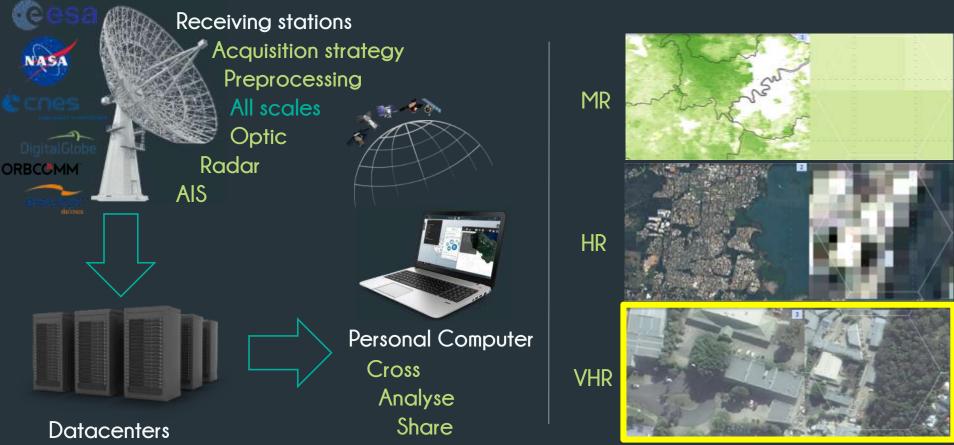


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GEOSPATIAL CLOUD COMPUTING STATION – GCC QSTATION \overline{C}





Distributed processing

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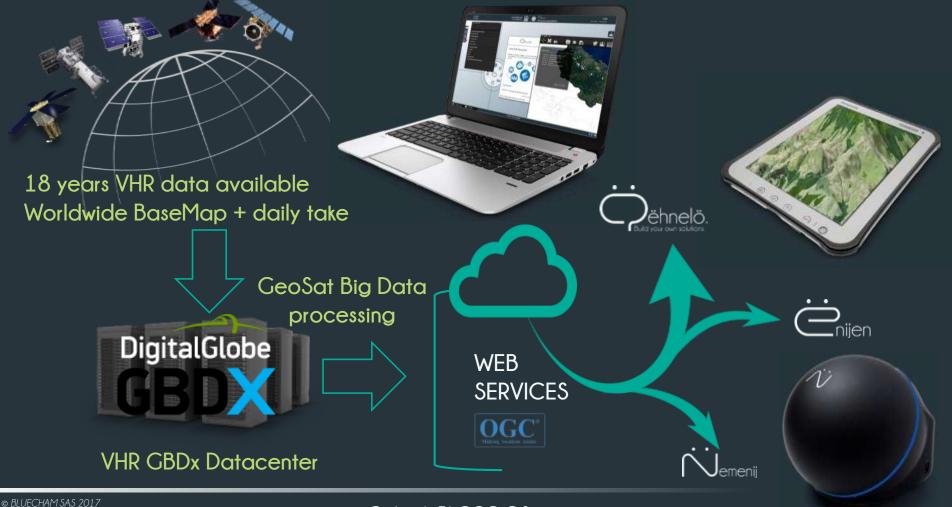
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Qëhnelö™ GCC QStation



GCC QSTATION - VHR IMAGERY WORKFLOW





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Qëhnelö™ GCC QStation



GCC STATION DESKTOP QHUB



Today (2017)... 5 VHR Satellites Daily revisit (near 11:00am) 50 to 30cmresolution 4 to 16 bands 18 years of archives

Either...



... Tomorrow (2020) Worldview Legion Acquisition every <u>30 minutes</u> 50 to 30cm resolution

...Or...

Démonstrateur BLUE BOATS – Gvt NC 2017



GCC STATION DESKTOP QHUB





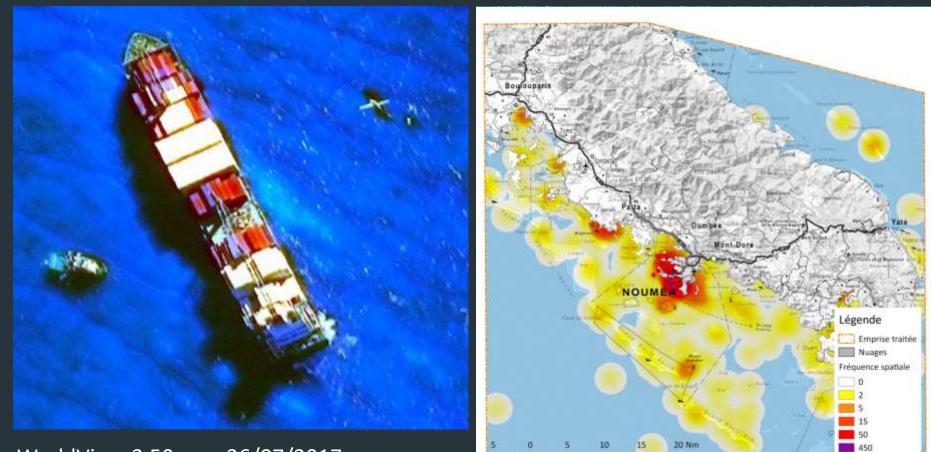
Démonstrateur BLUE BOATS – Gvt NC 2017



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SATELLITE CONSTELLATION SYNERGY





WorldView-2 50cm – 26/07/2017

GBDx platform



Rémi Andreoli, BLUECHAM SAS Peter Kinne, DigitalGlobe Australia Didier Lille, BLUECHAM SAS



Vinaka THANK YOU !



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