

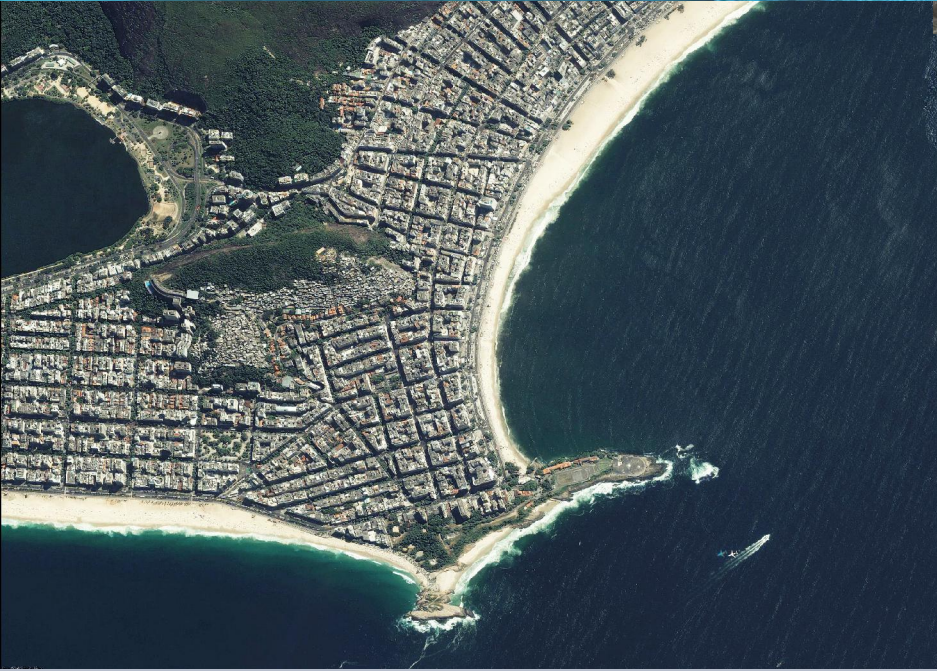


**World Imagery Solutions for Brasil with  
DigitalGlobe's High Resolution  
Satellite Constellation**

# DIGITALGLOBE®



## World-Wide Locations





# The Power of the Constellation



# Most Advanced Satellite Constellation



DigitalGlobe Satellites	QuickBird	WorldView - 1	WorldView-2 (Q3-09)
Resolution	60 cm	50 cm	50 cm
Swath Width	16.5 km	17.6 km	16.4 km
Avg. Revisit	2.4 days	1.7 days	1.1 days
Slew Time	62 seconds	9 seconds	9 seconds
Spectral Bands	Pan + 4 MS	Pan	Pan + 8 MS
*Accuracy	25M CE90	6.5M CE90	TBD
Collection	210,000 km <sup>2</sup> per day	750,000 km <sup>2</sup> per day	950,000 km <sup>2</sup> per day

\*At nadir on flat terrain



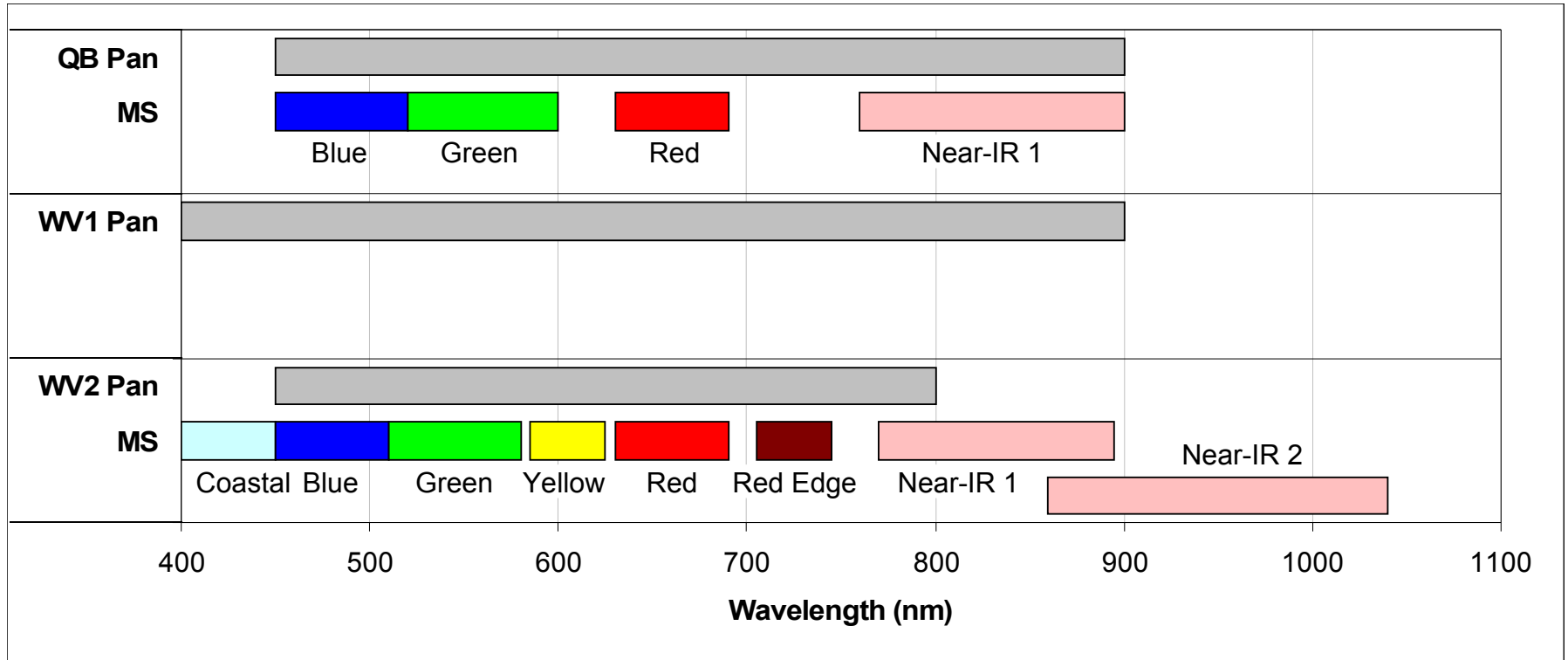
**Aggregate capacity of nearly 2,000,000 km<sup>2</sup> per day with intraday revisits**



# Image Collection Capabilities

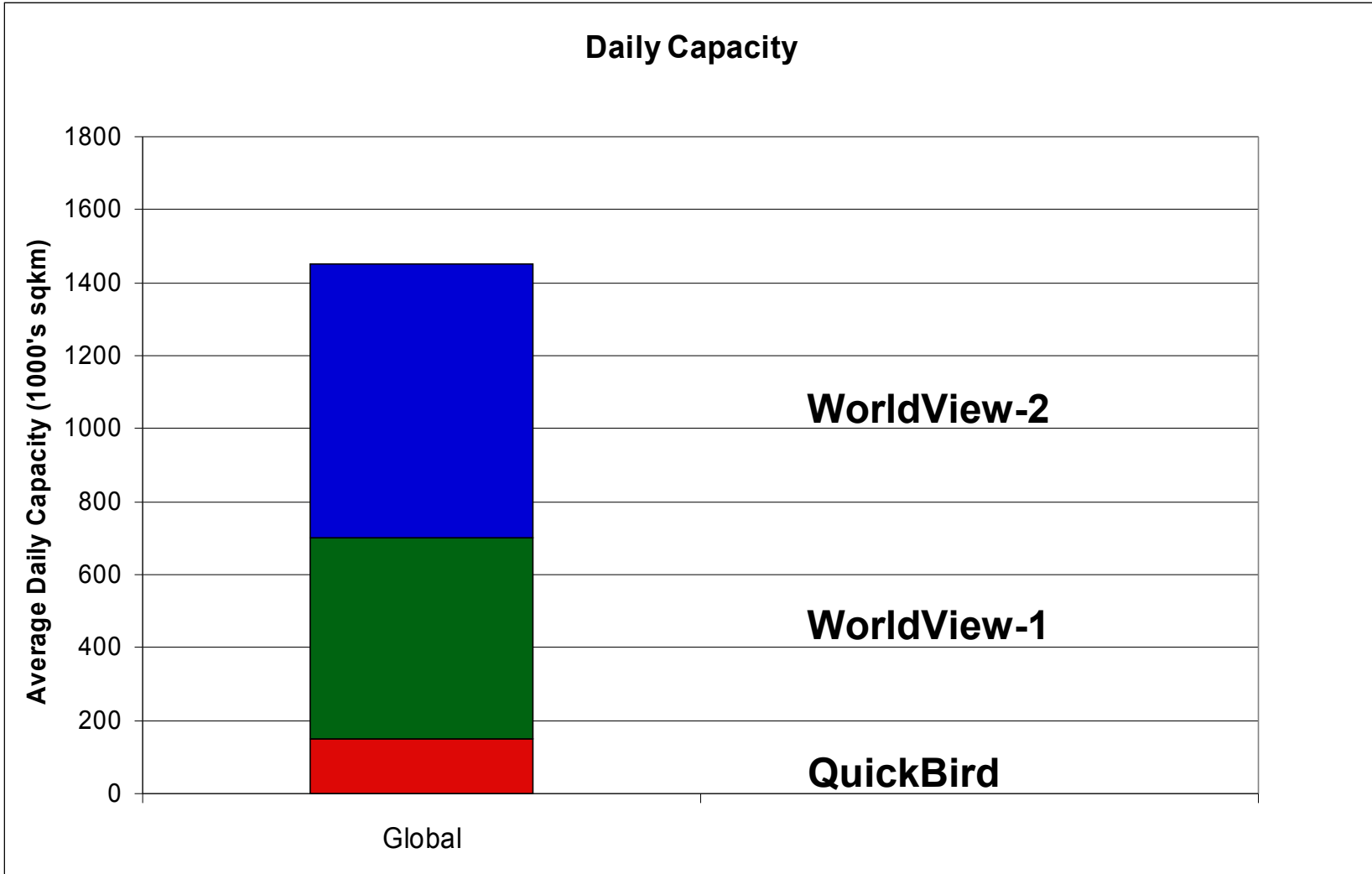


QuickBird	Panchromatic and 4 band multispectral
WorldView-1	Panchromatic
WorldView-2	Panchromatic and 8 band multispectral



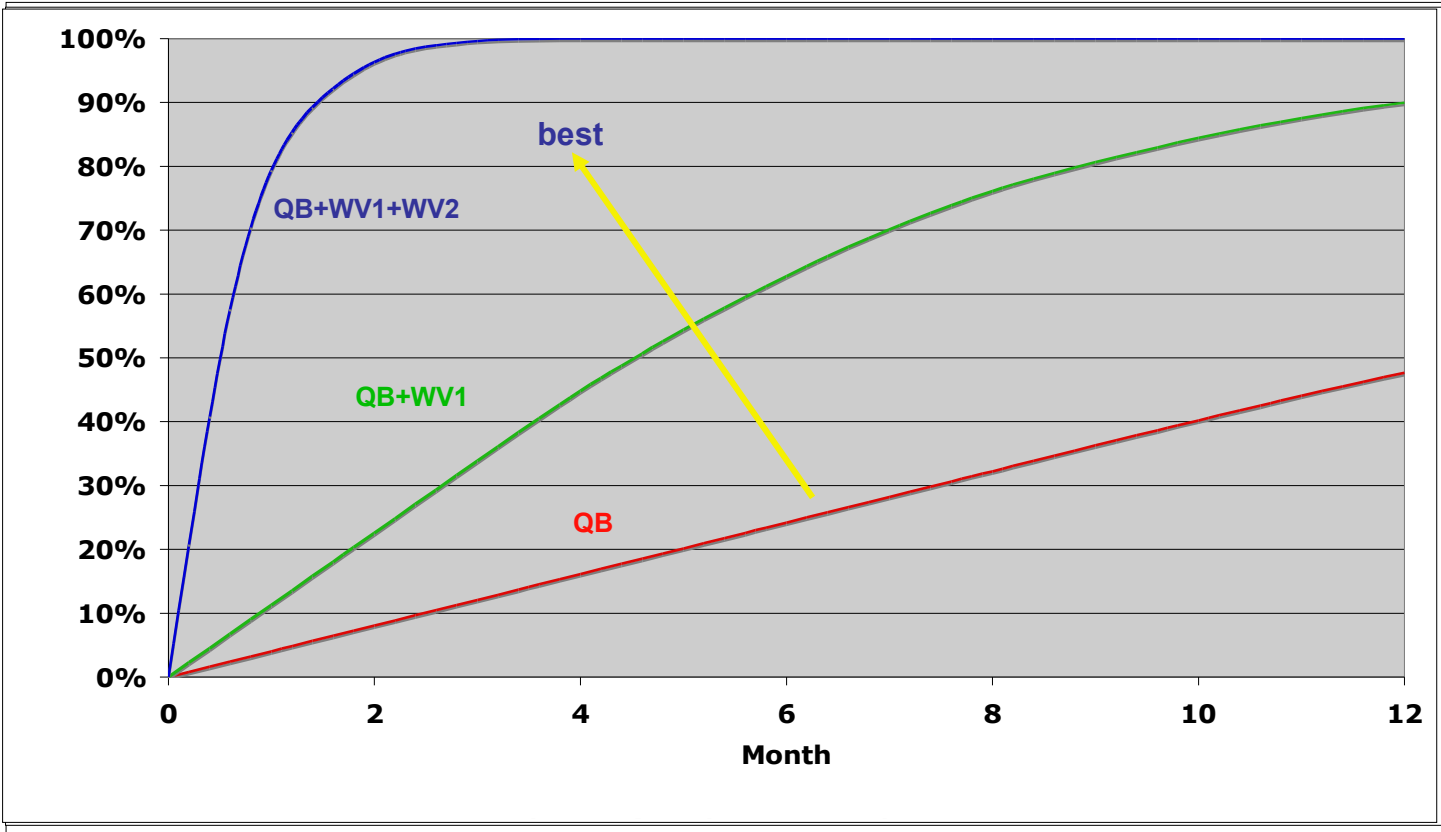


# Raw Daily Collection Capacity increased 10X



# Faster Refresh with Multiple Satellites

## Multispectral Refresh Example – Any Critical Math as 195 Global Cities



- **WorldView-1 offloads QuickBird to dramatically improve multispectral refresh rate**
- **WorldView-2 adds dramatically more multispectral capacity**

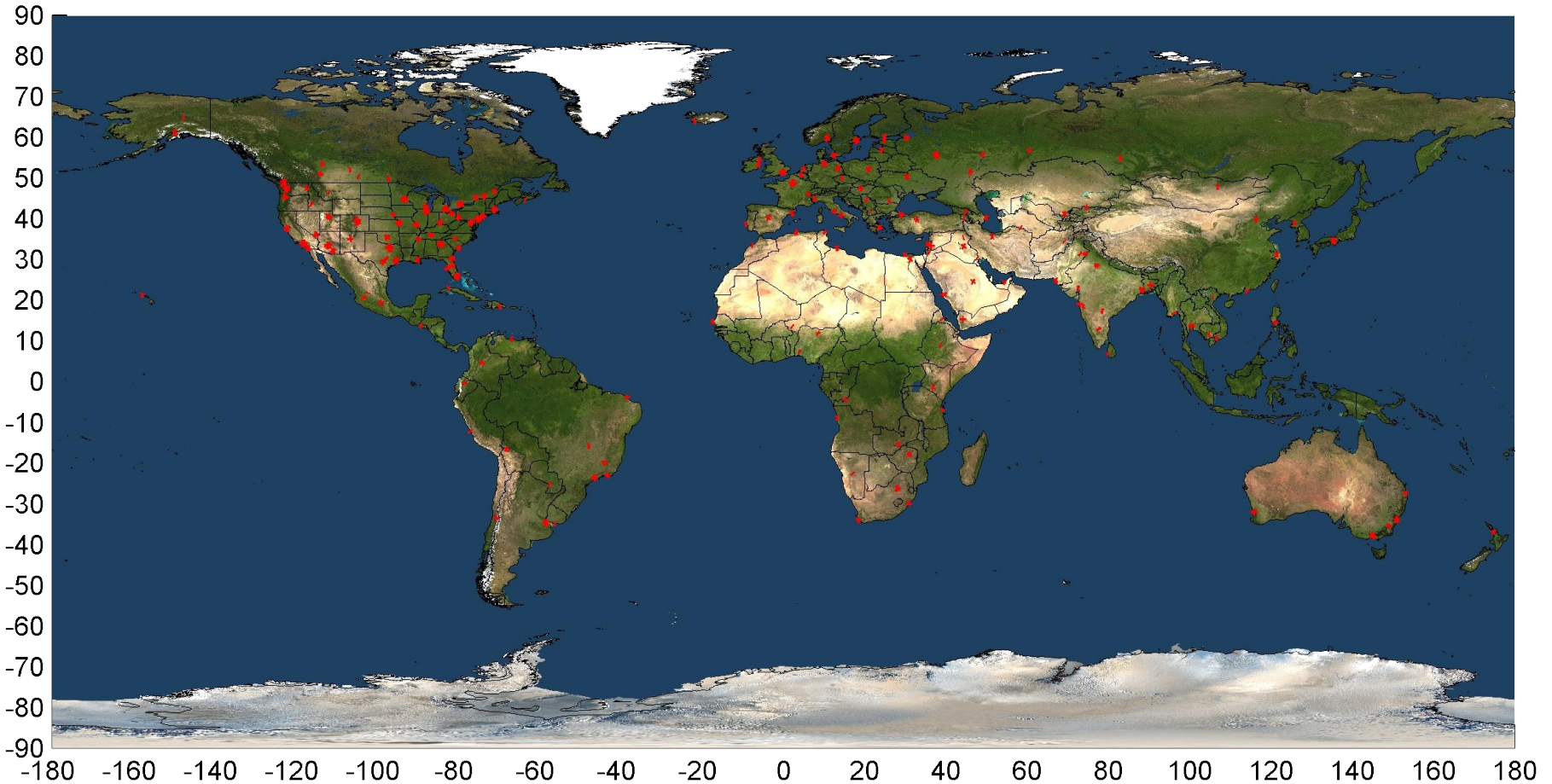




# What About Commercial Multispectral Refresh?



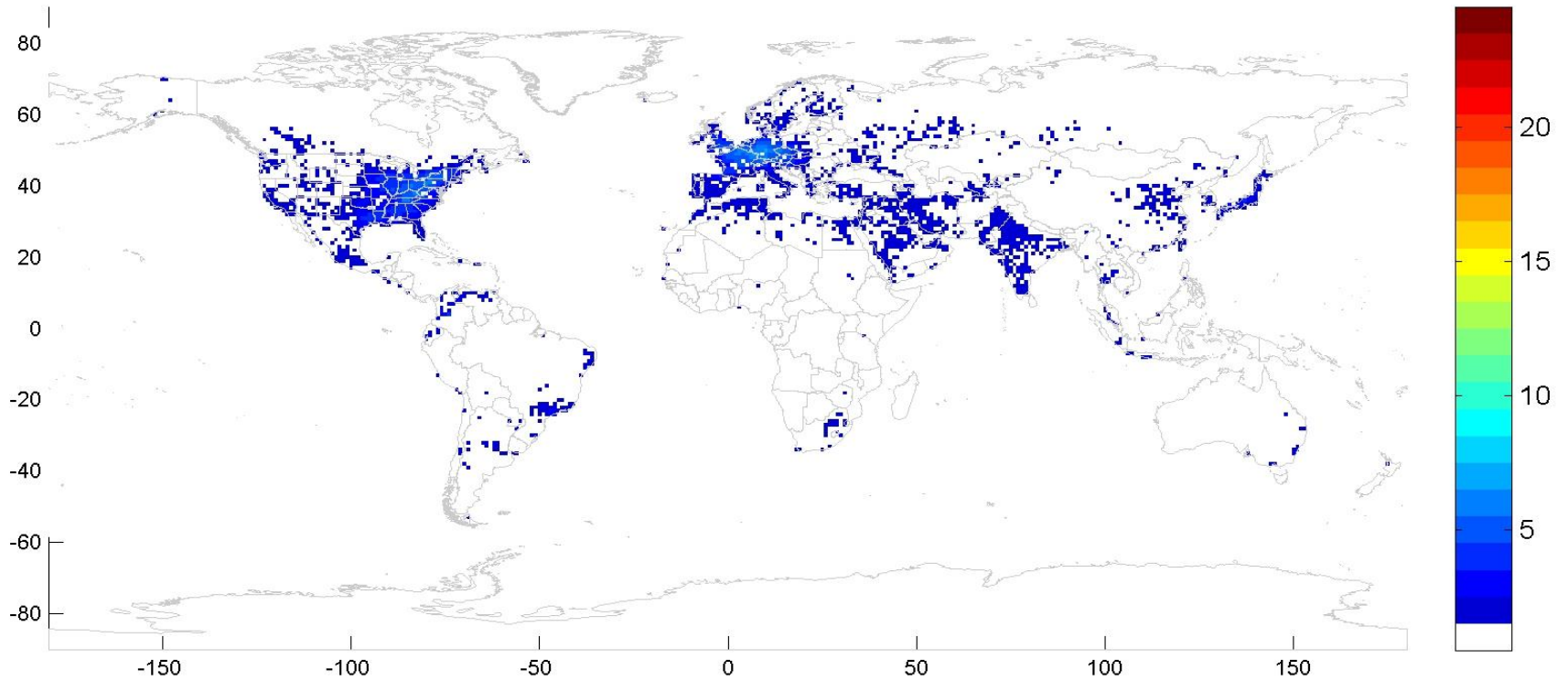
Example: 195 global cities to be refreshed with 100% cloud free MS data



# Refresh of Developed Populations 80% Cloud-Free

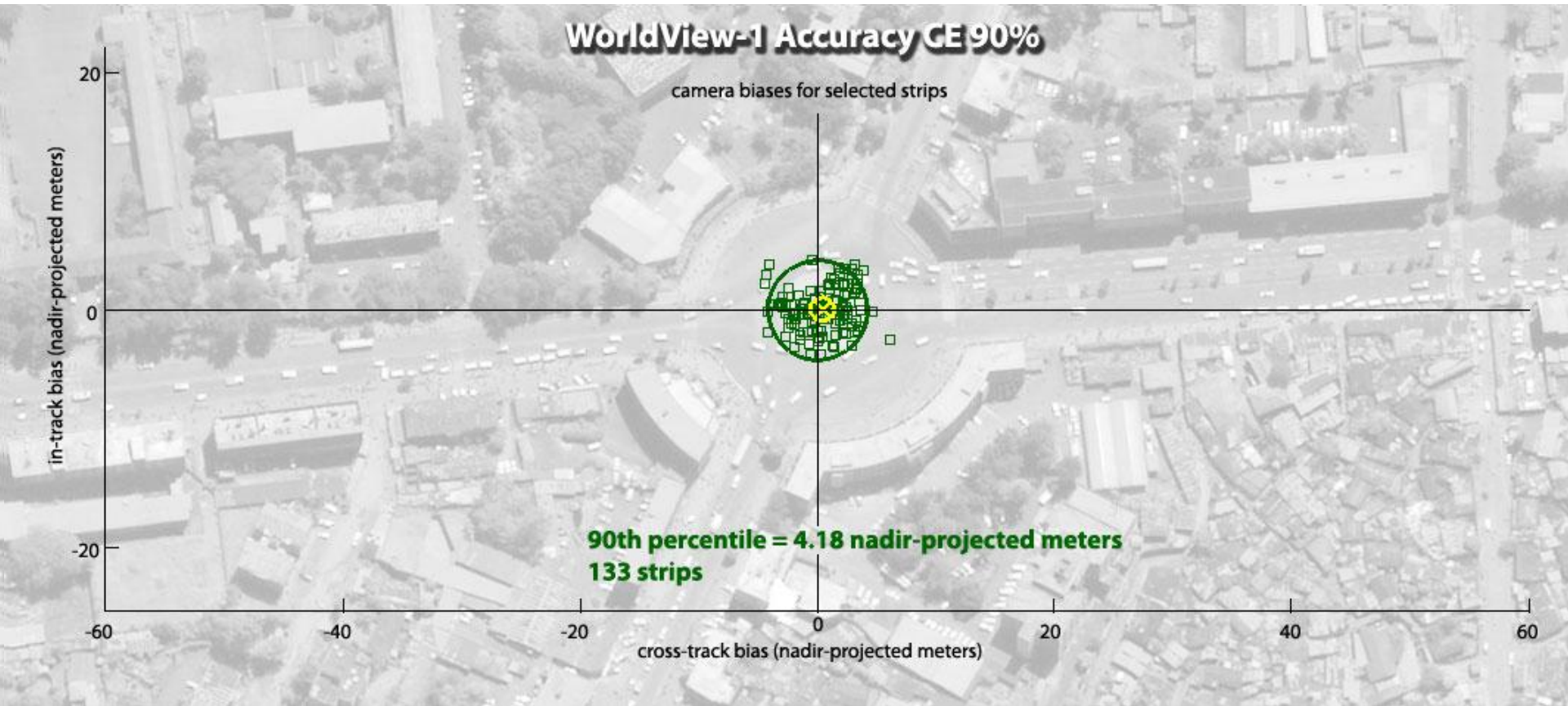


QB + WV1 + WV2 - Months to Collect, With Cloud Cover

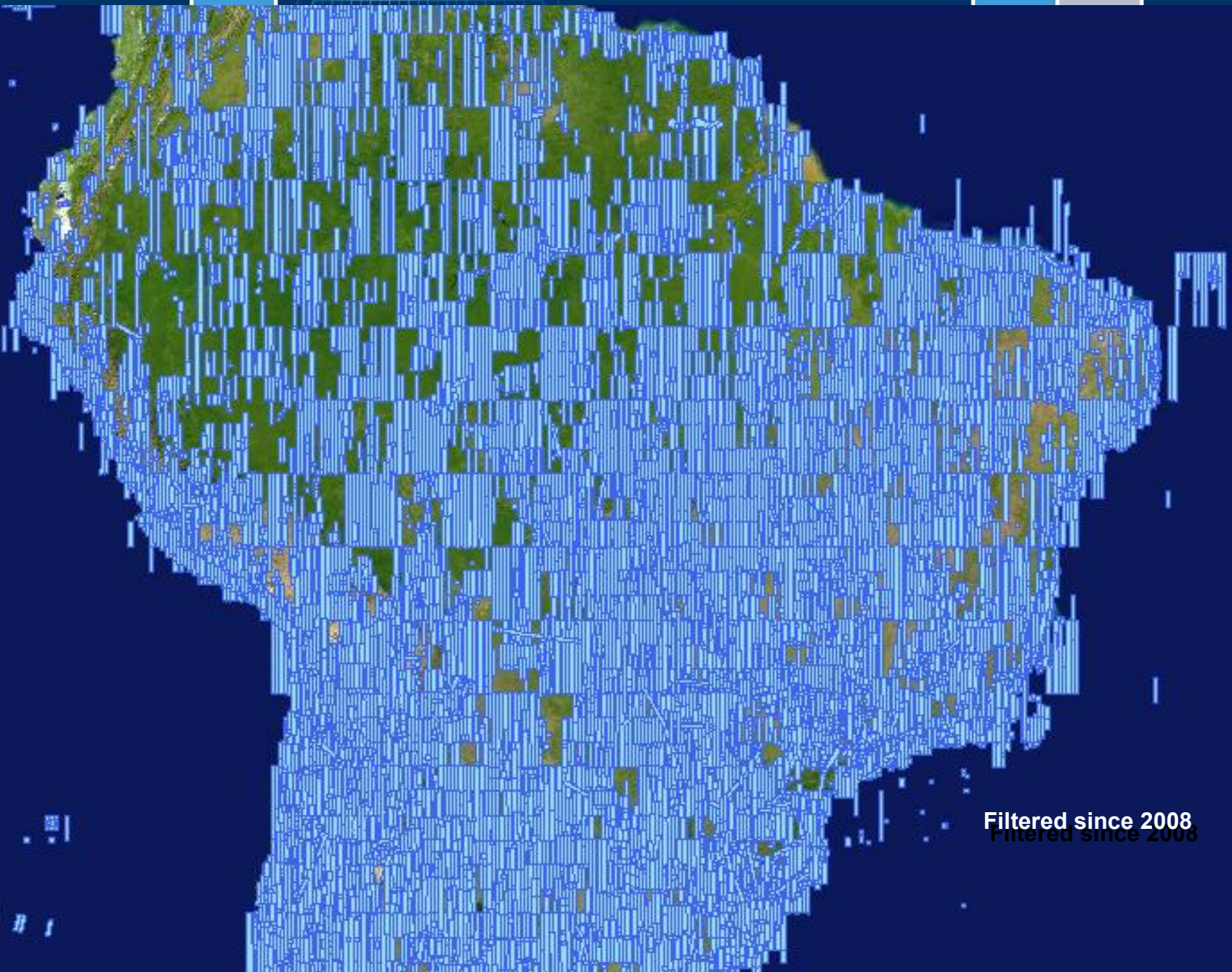




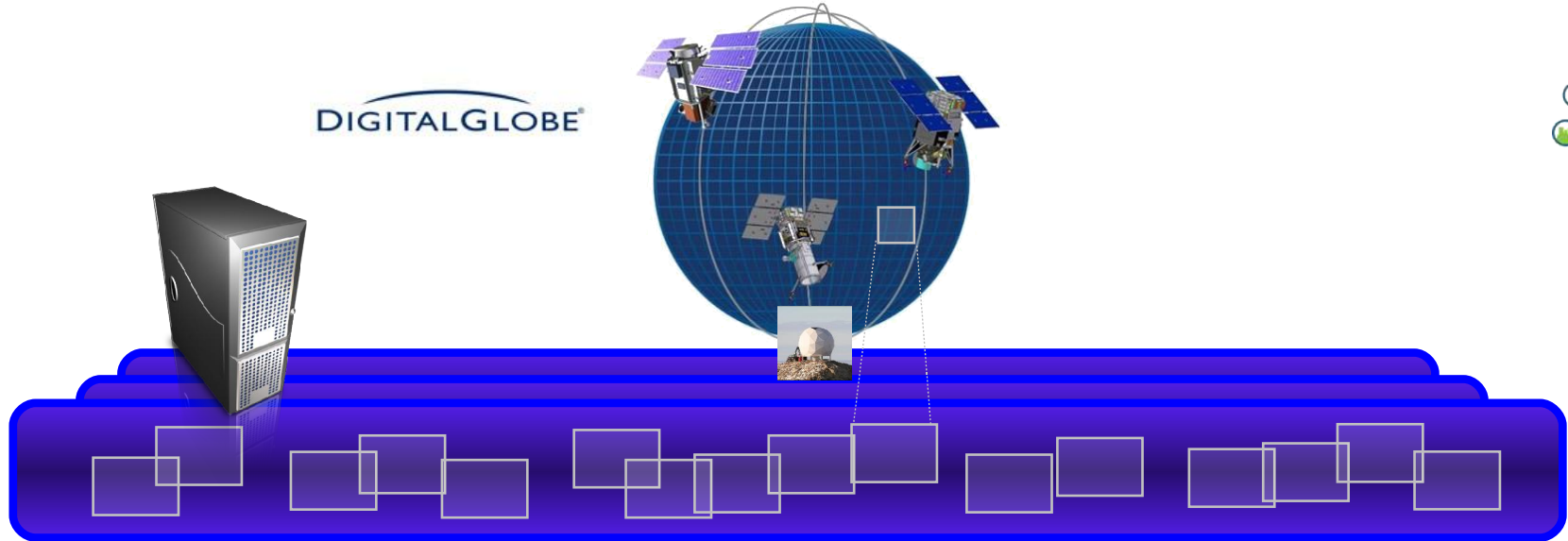
# Accuracy Comparison







**Filtered since 2008**  
Filtered since 2006



Tractebel Energia  
SVEZ

IBGE

COMGAS  
Natural

BrasilTelecom

AS Eletropaulo



BR  
PETROBRAS

AS Tietê

VALE

Eletrosul

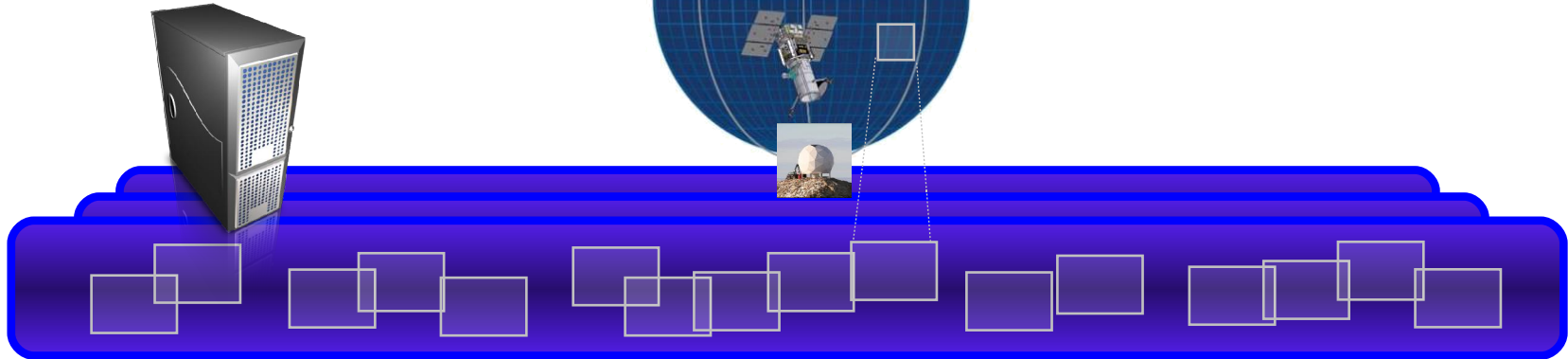
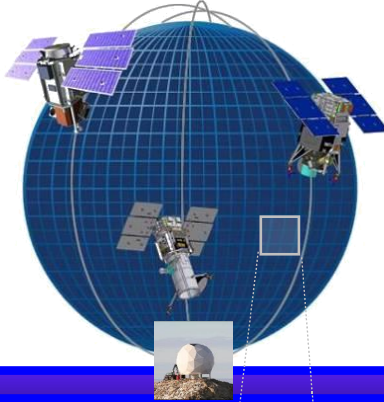
AS Sul



GOVERNO FEDERAL  
MINISTÉRIO DAS CIDADES

CEMIG  
A Melhor Energia do Brasil.

DIGITALGLOBE<sup>®</sup>



**ER Mapper**  
Helping people manage the earth



ESRI

Autodesk<sup>®</sup>

BAE SYSTEMS



ORACLE<sup>®</sup>

HARRIS

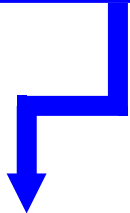
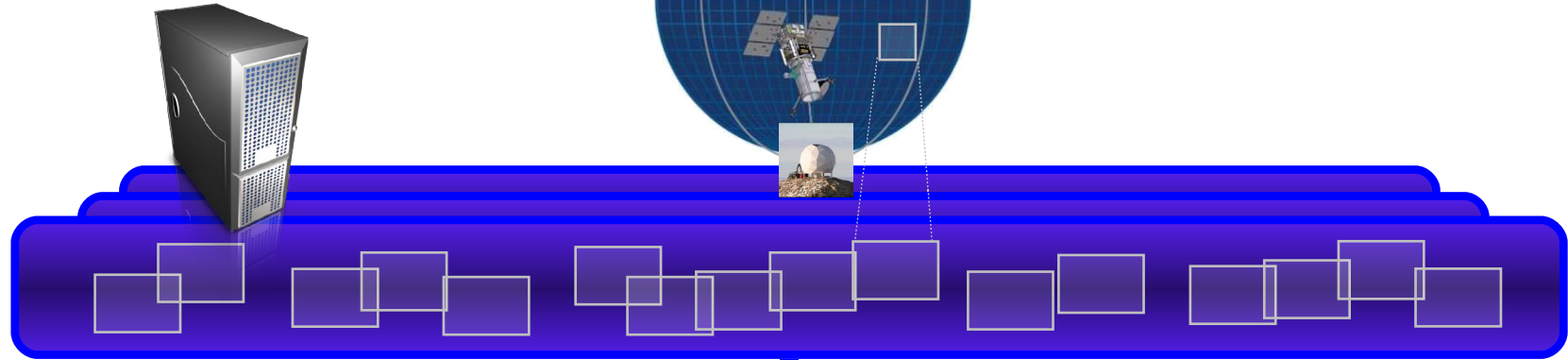
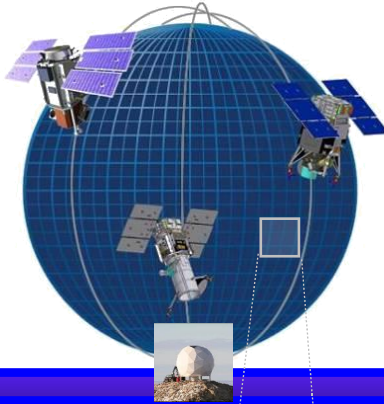
INTERGRAPH



NORTHROP GRUMMAN  
PRB SYSTEMS



DIGITALGLOBE



NAVTEQ

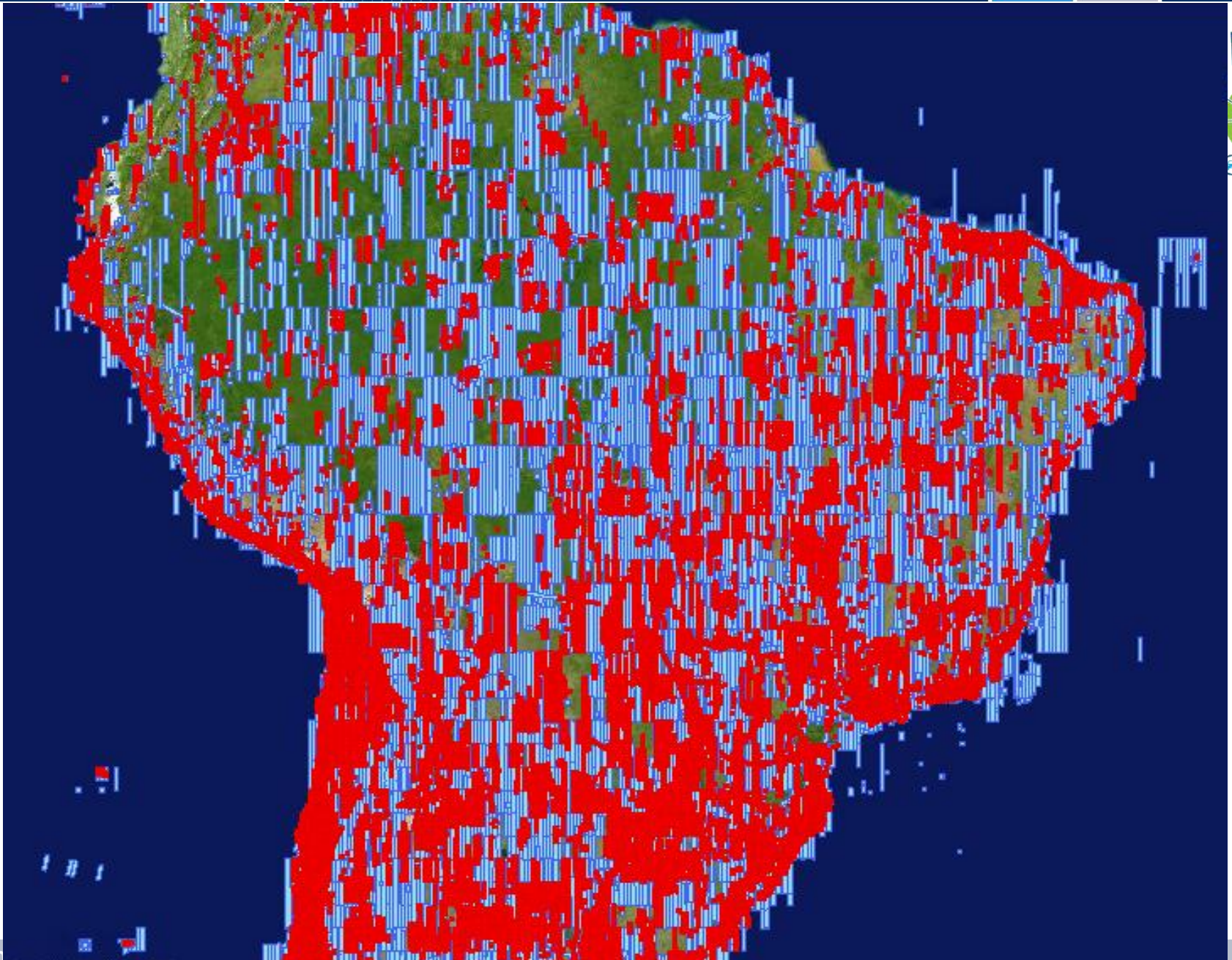
Google™

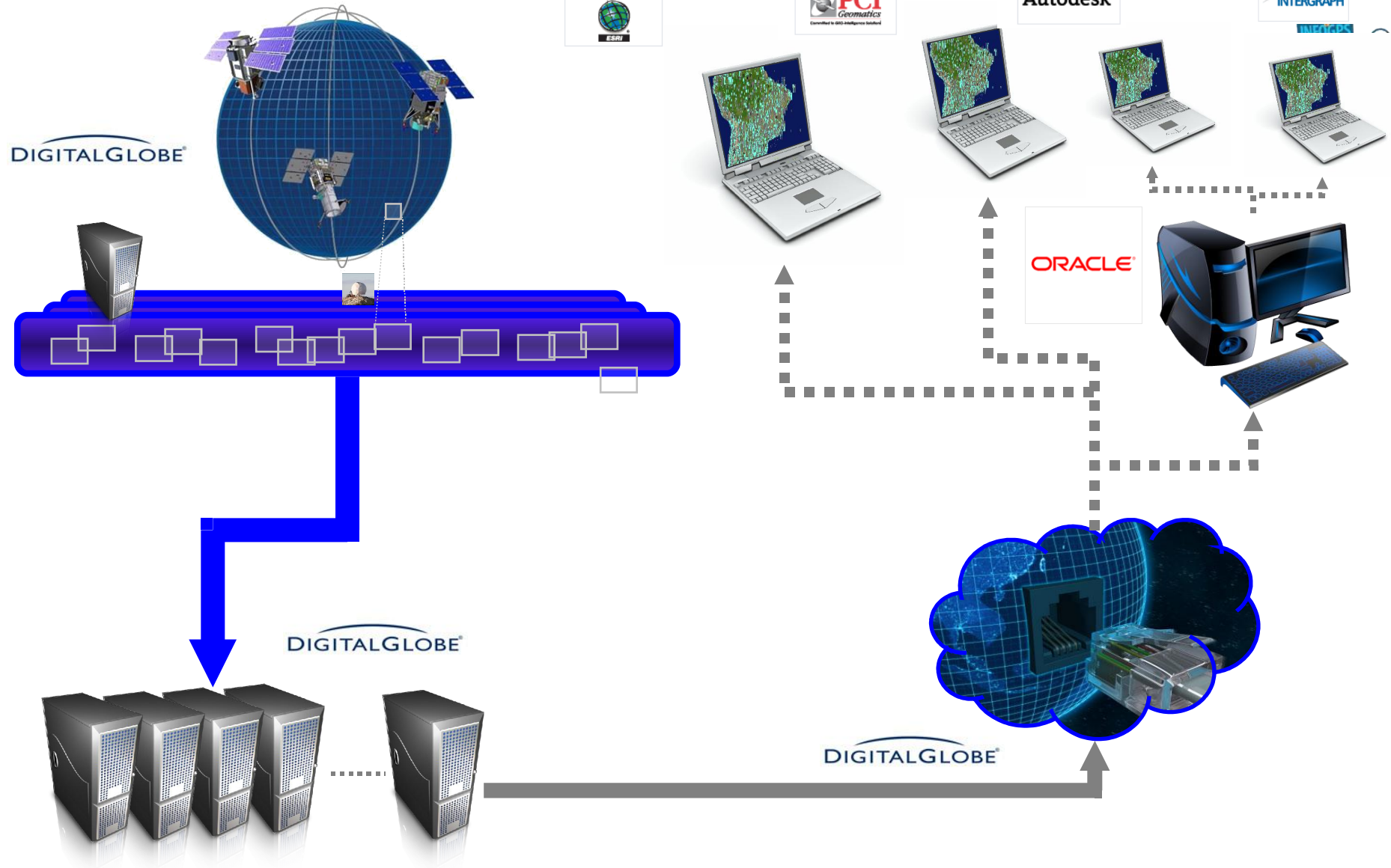
Microsoft®

N KIA









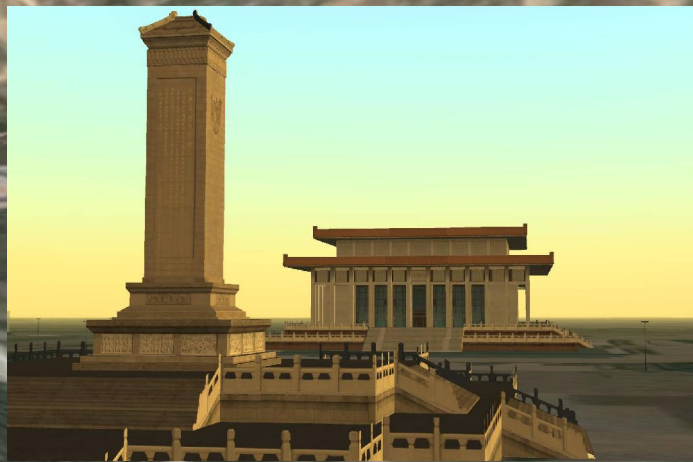
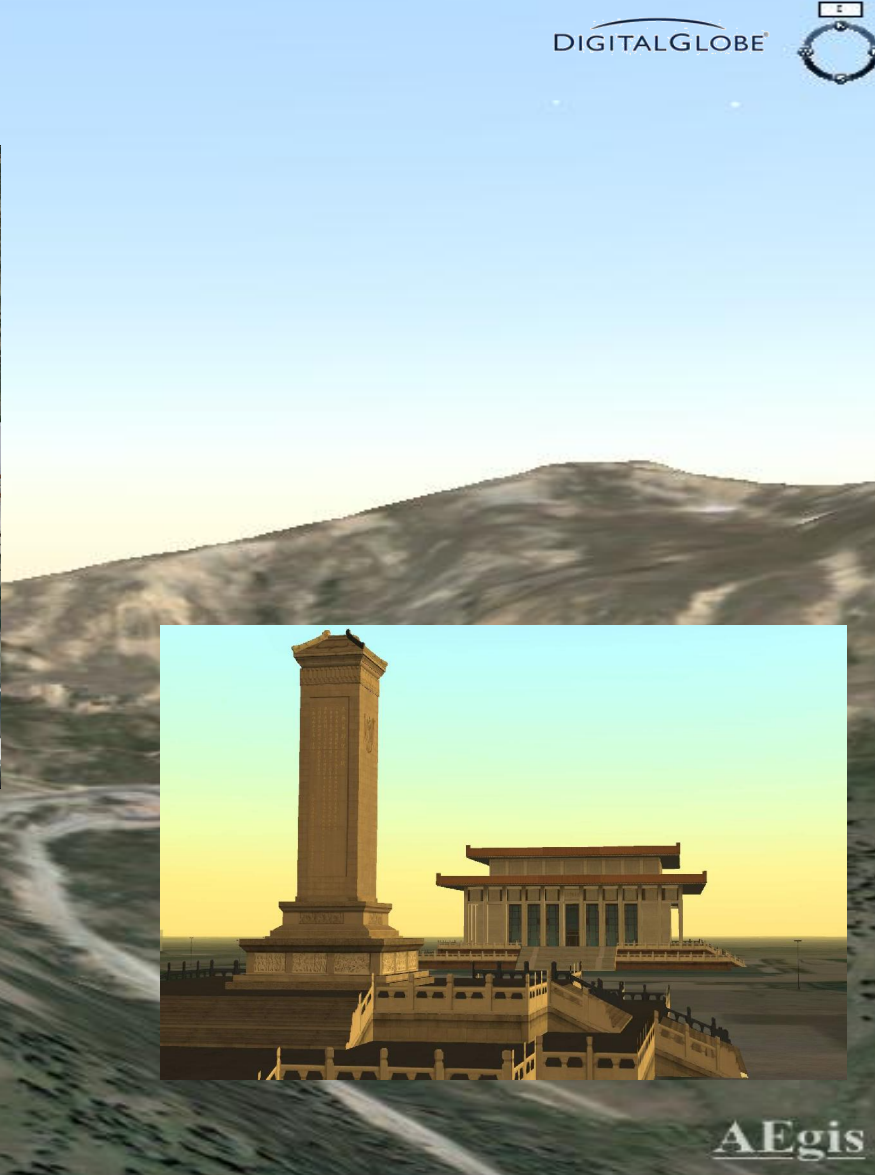
# World Imagery Solutions Direct from the Source





AGL: 180 m

DMS:



AEGIS