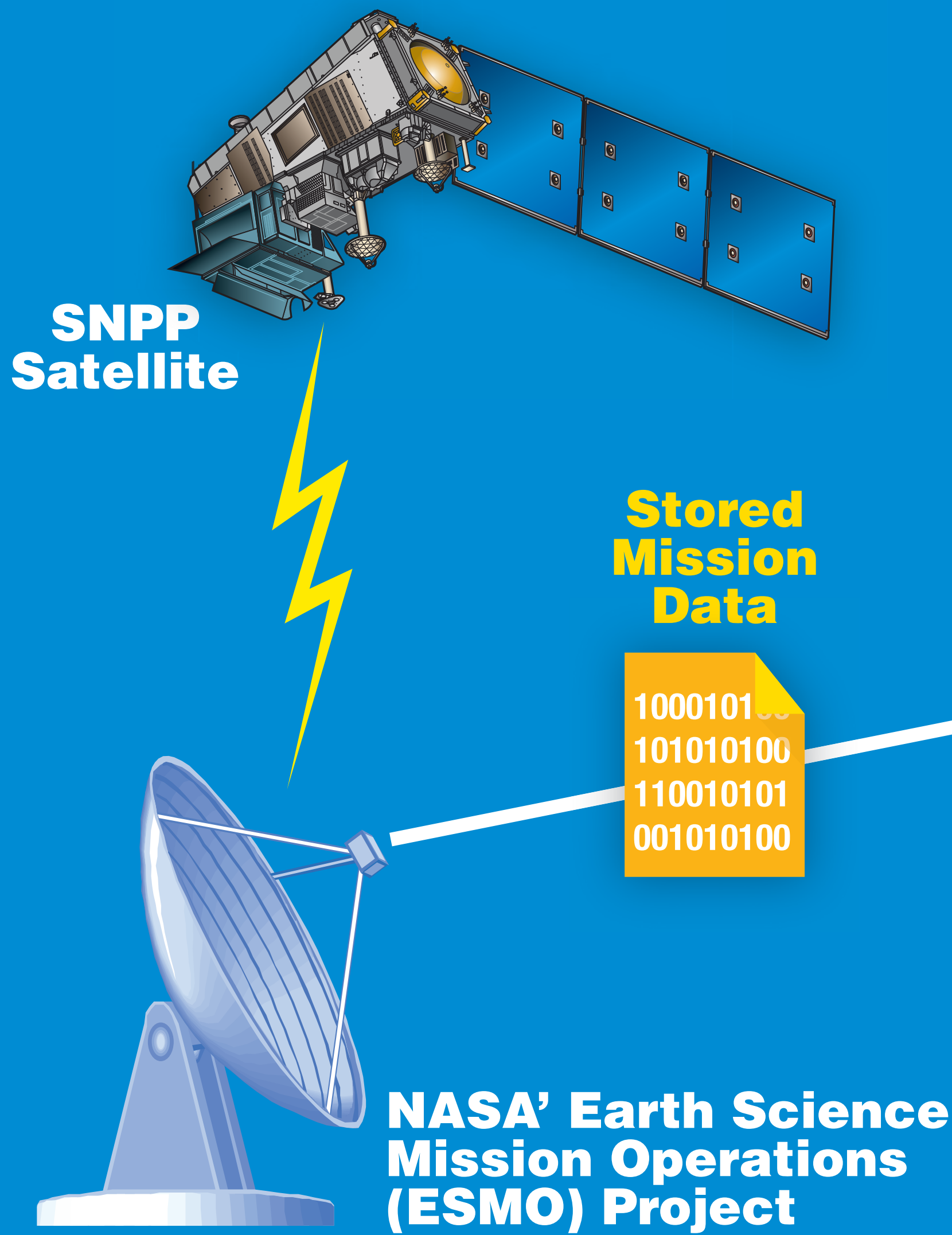


Global View

A Testbed Environment for Near Real-Time Quality Monitoring and Algorithm Development

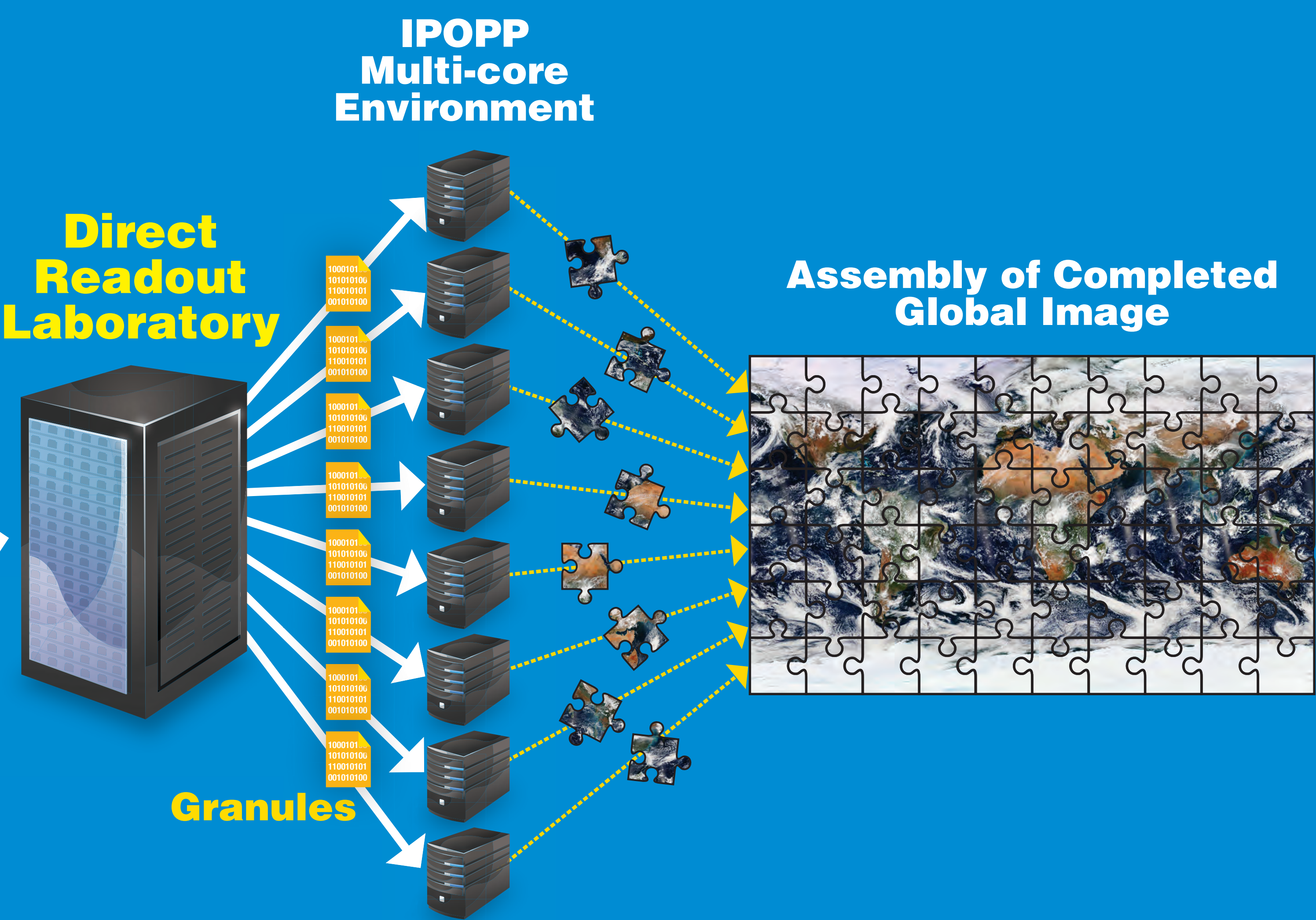
SNPP Full Orbit Transfer

DRL receives the stored mission data downlink from every ESMO orbit.



Full Orbit Data Processing in a Multi-core Environment

The stored mission data are processed into granules with the Real-Time Software Telemetry Processing System (RT-STPS). Granules are then presented to IPOPP for parallel processing in a multi-core environment to be processed before the subsequent downlink. Lastly, the outputs are assembled to create the global image in full resolution.



Final Export

The global image is exported for web browser display and the KML file can be downloaded to display results in 2D and 3D environments such as Google Maps, Google Earth, or NASA World Wind.

