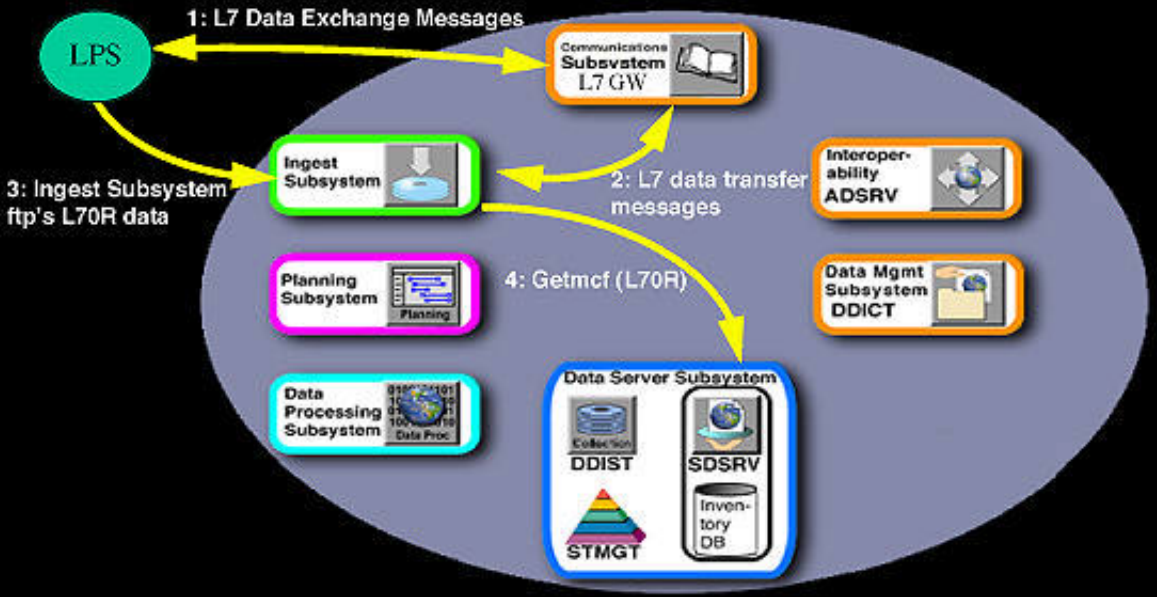
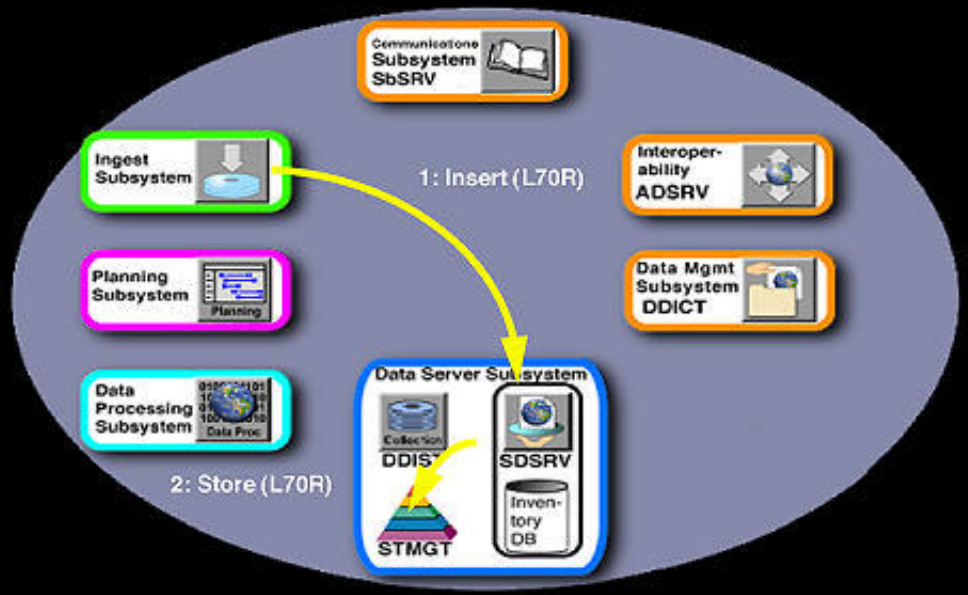
Landsat 2

LPS Simulator begins interface for ingestion of data, via SDPF protocol. This protocol is managed within and through the Landsat7Gateway. The Ingest subsystem will receive and respond to all but the control messages.



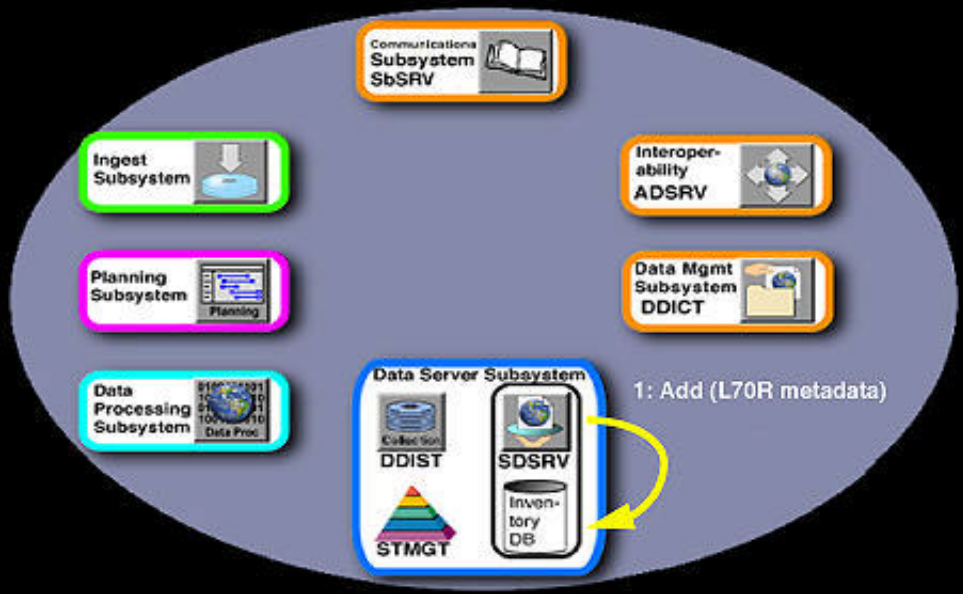
Archive L70R Subinterval data granule.

Landsat 3



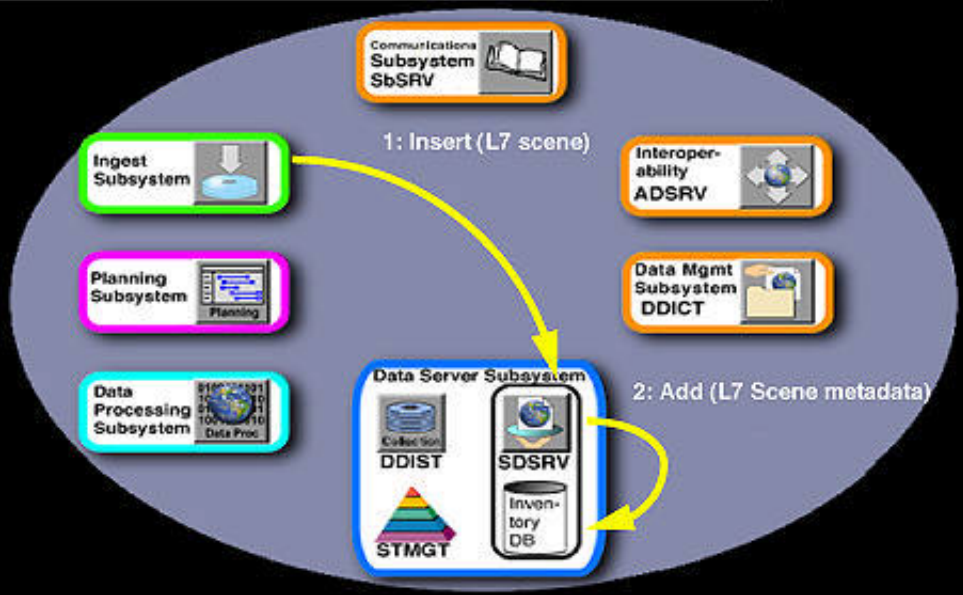
Add metadata for L70R Subinterval granule to the Sybase/SQS database.

Landsat 4



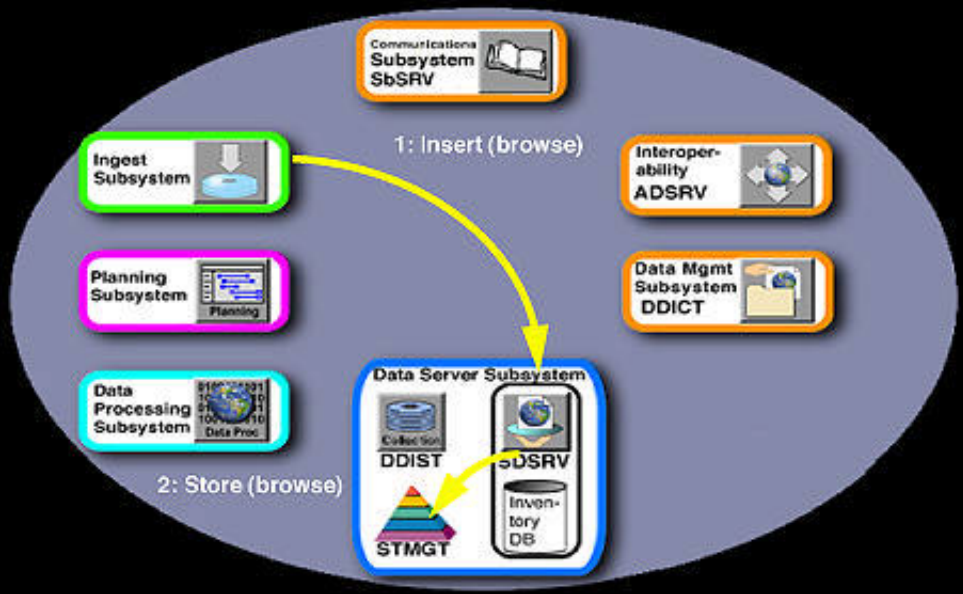
Landsat 5

Ingest derives scene information from the metadata file. Ingest then inserts scenes. Landsat7 scenes are represented as metadata in the system, without archiving the scene files. They are to be generated as the scene is ordered.



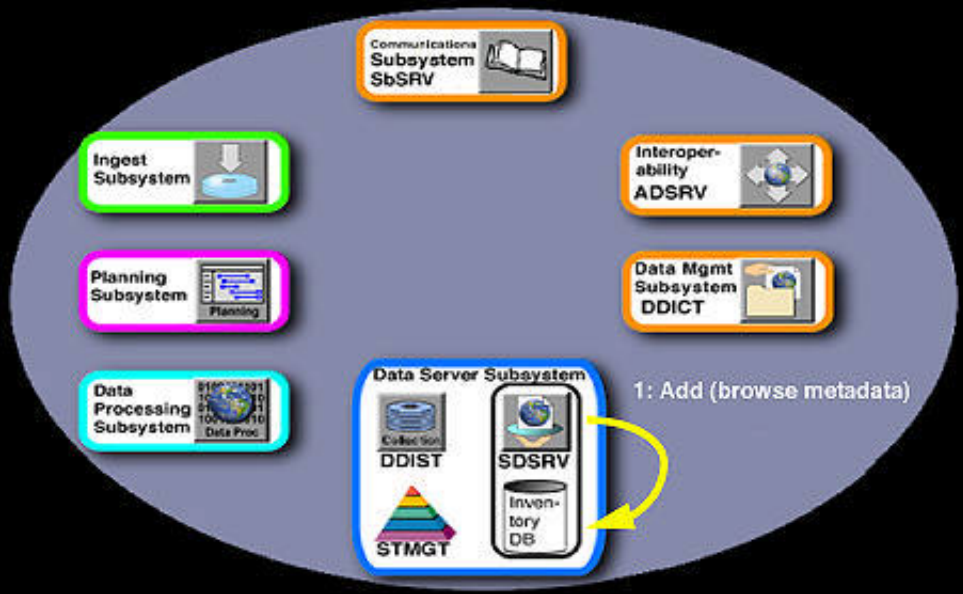
Archive L70R Browse data.

Landsat 6



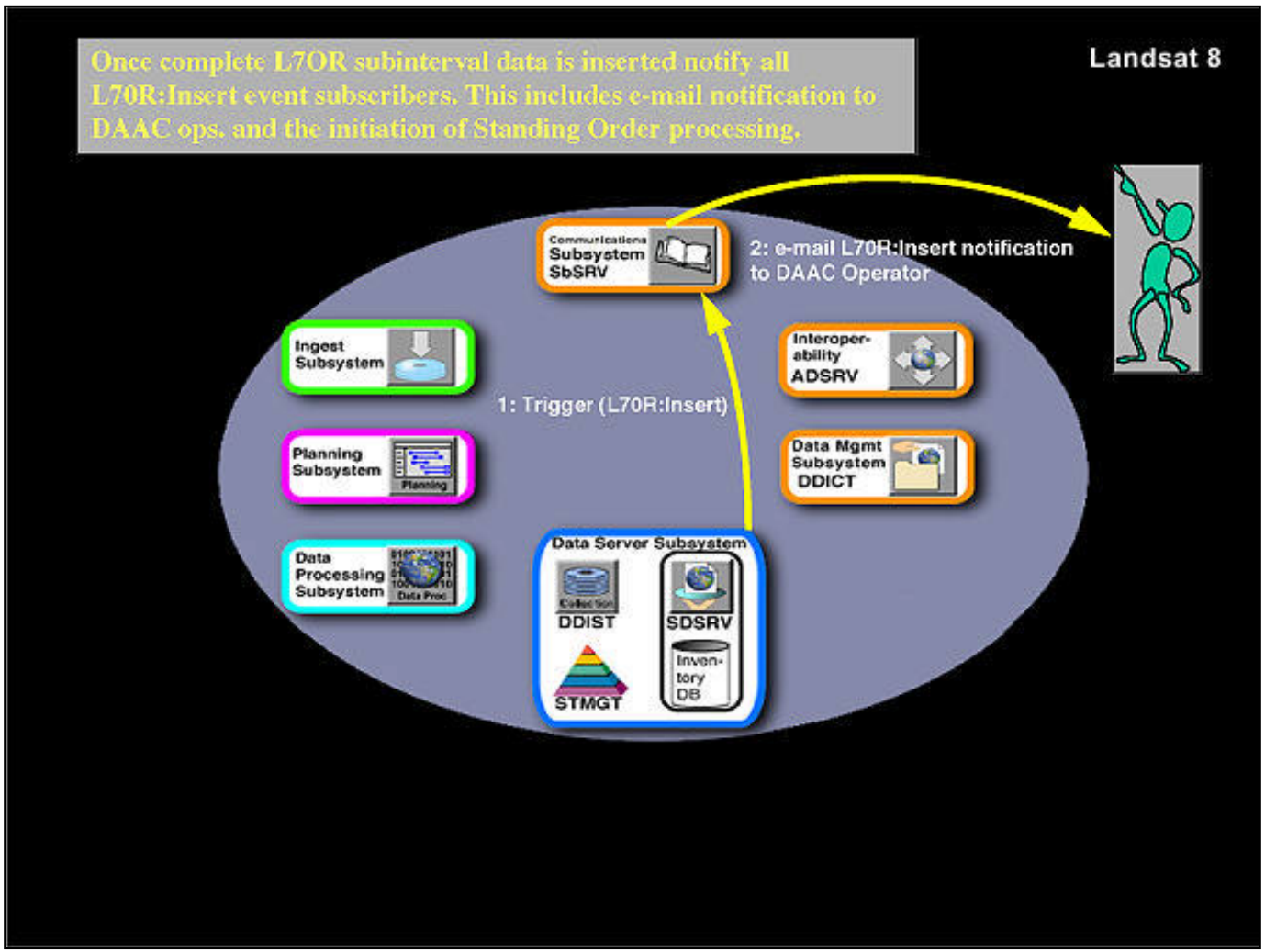
Add metadata for L70R browse granule to the Sybase/SQS database.

Landsat 7



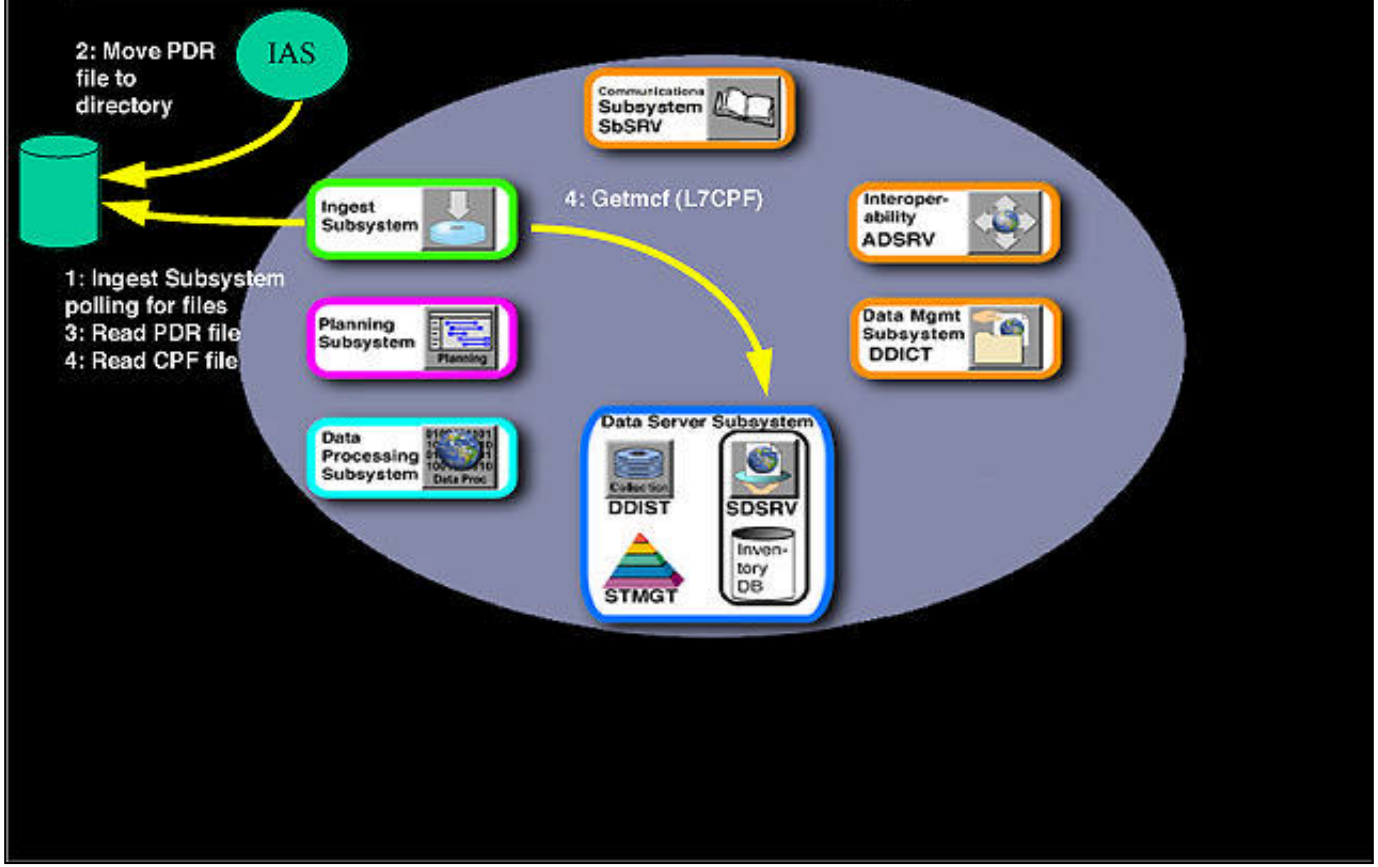
Once complete L7OR subinterval data is inserted notify all L70R:Insert event subscribers. This includes e-mail notification to DAAC ops. and the initiation of Standing Order processing.

Landsat 8



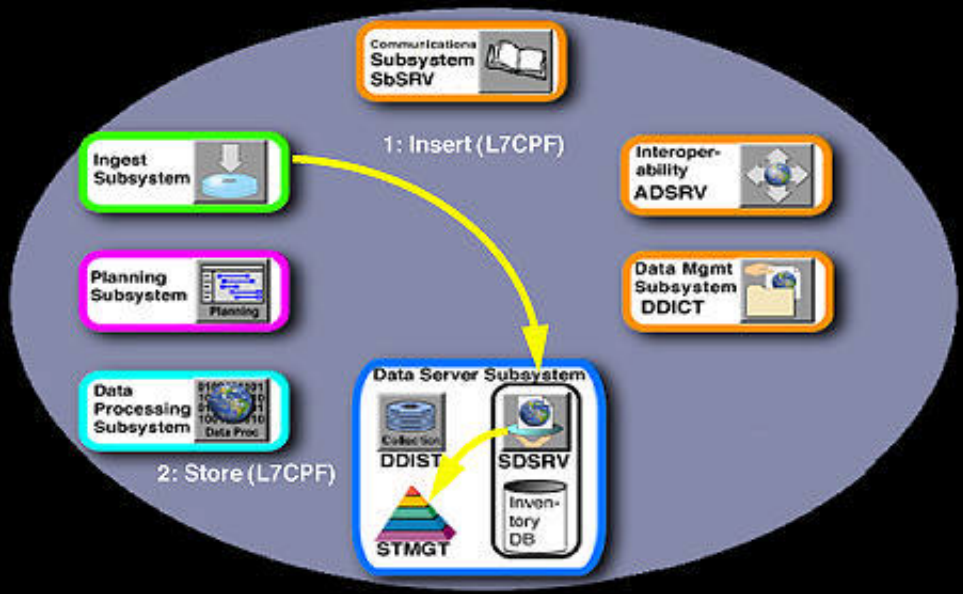
Landsat 12

Ingest is polling configured directory, looking for a PDR. Simulating IAS, a PDR will be manually copied to the directory, stimulating Ingest of Landsat 7 CPF.



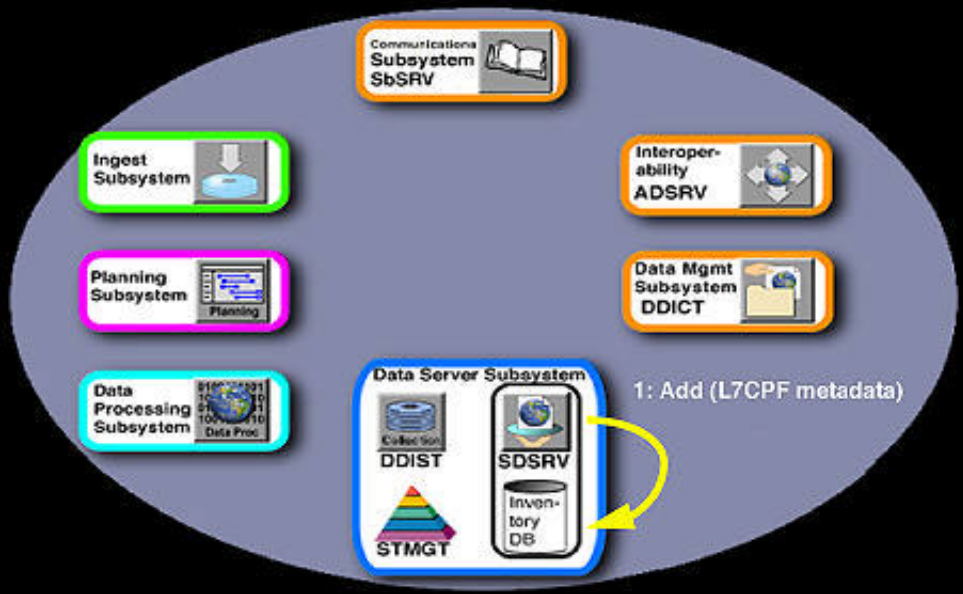
Archive L7CPF data granule.

Landsat 13



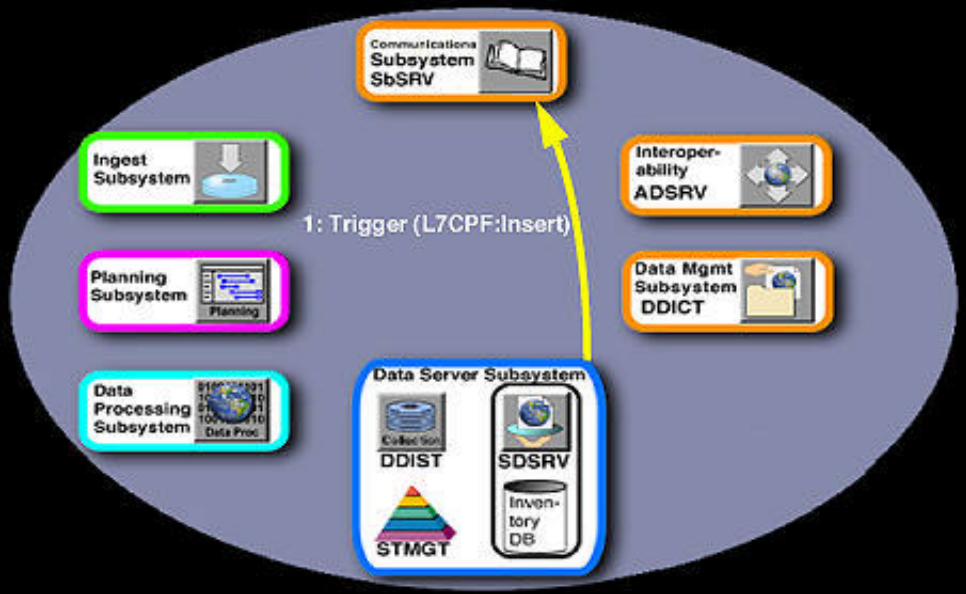
Add metadata for L7CPF granule to the Sybase/SQS database.

Landsat 14



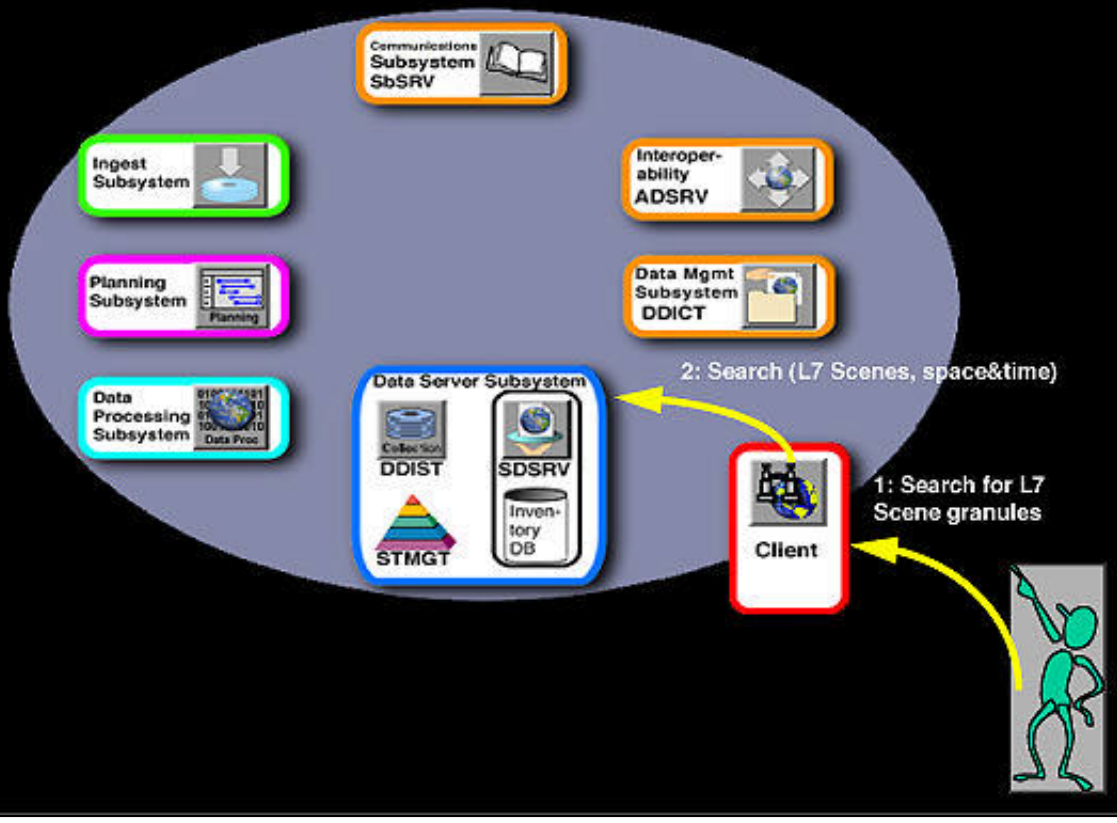
Notify all L7CPF:Insert event subscribers.

Landsat 15



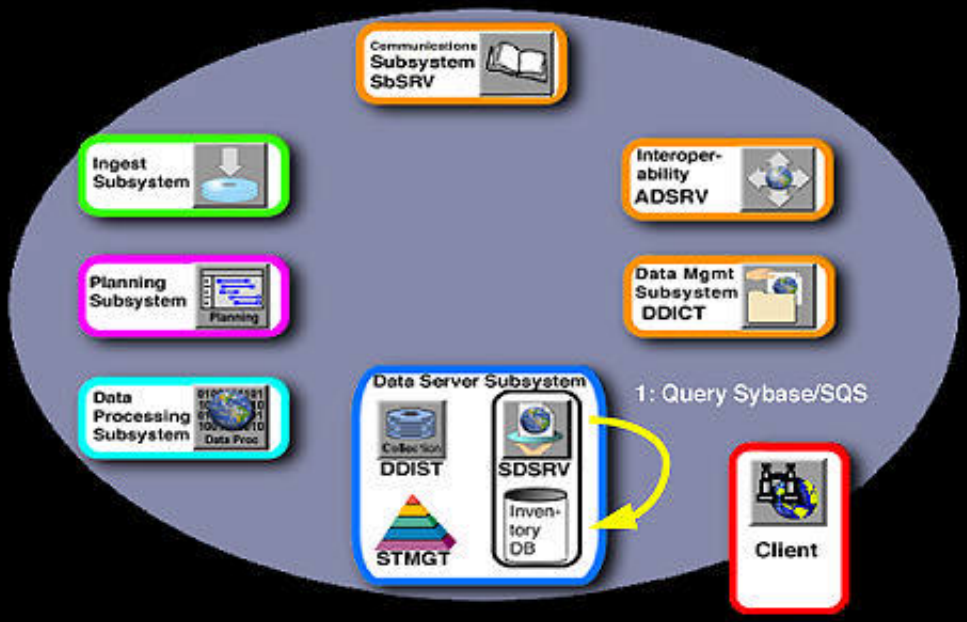
Science User uses B0SOT to perform an Inventory Search for L7 WRS Scenes over a specified spatial/temporal domain.

Landsat 17

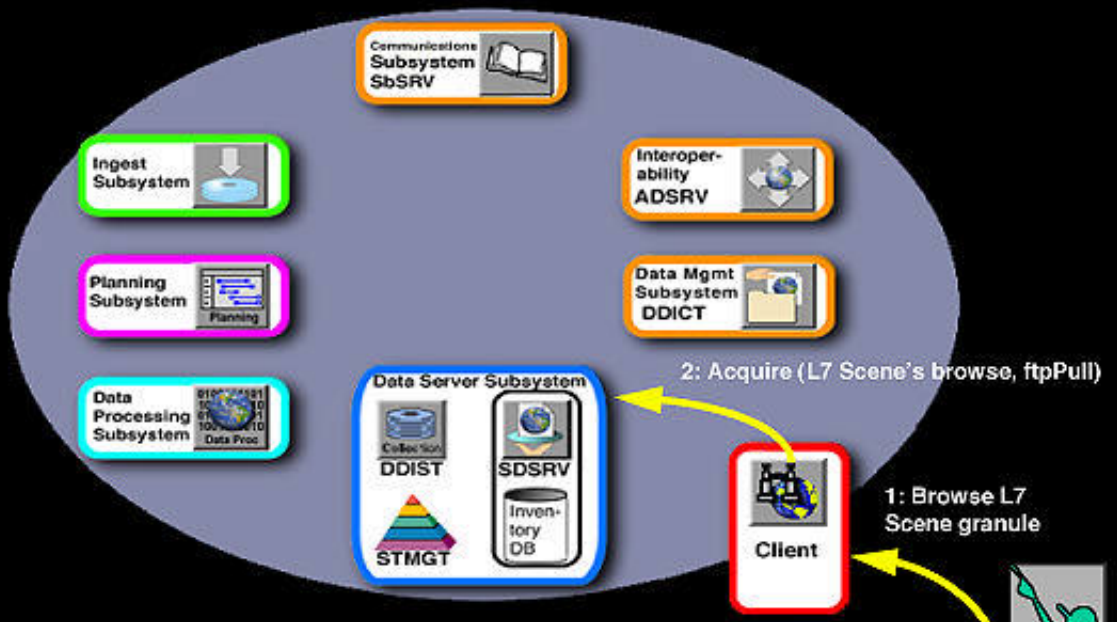


Landsat 18

SDSRV queries Sybase/SQS database for granules meeting search criteria.

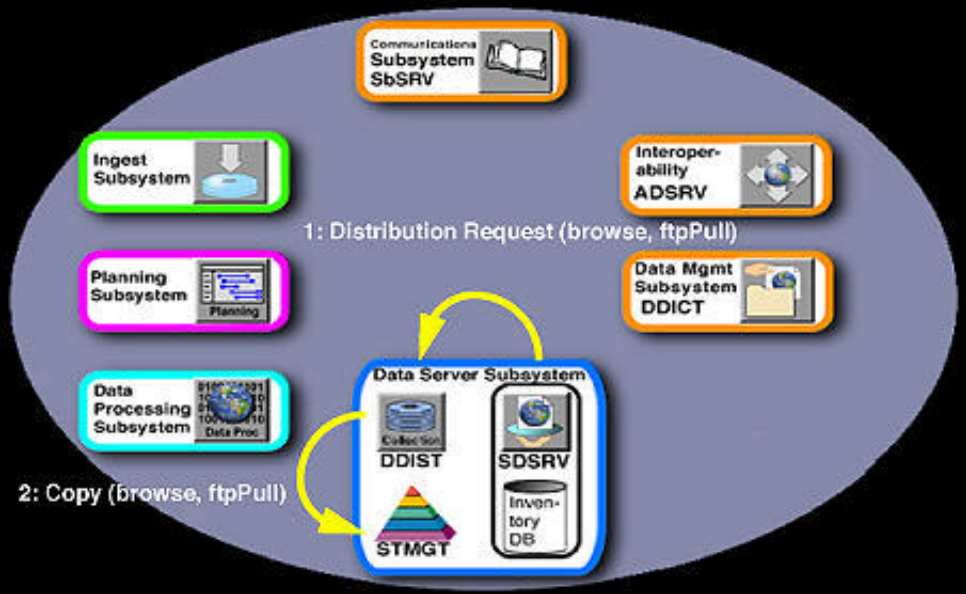


Science User uses B0SOT get browse for a selected sample L7 Scene granule.



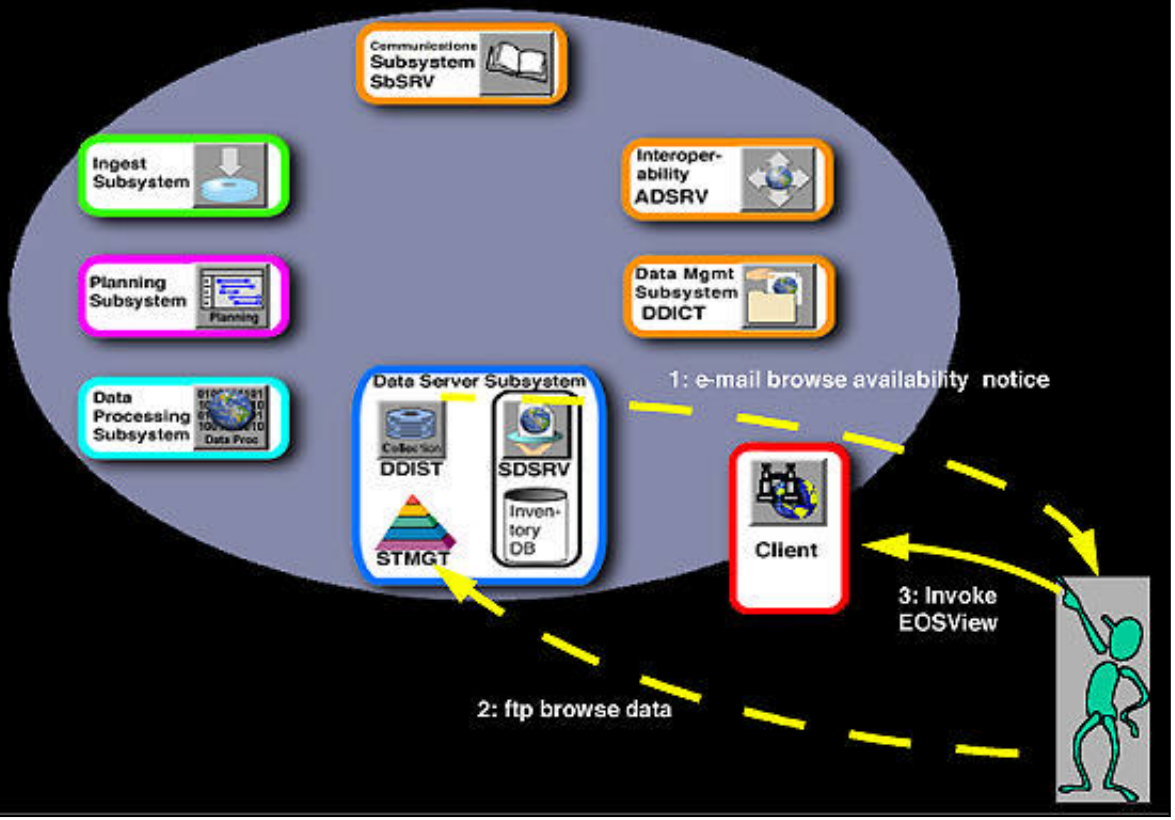
Retrieve L7 Scene's browse granule from Archive.

Landsat 20



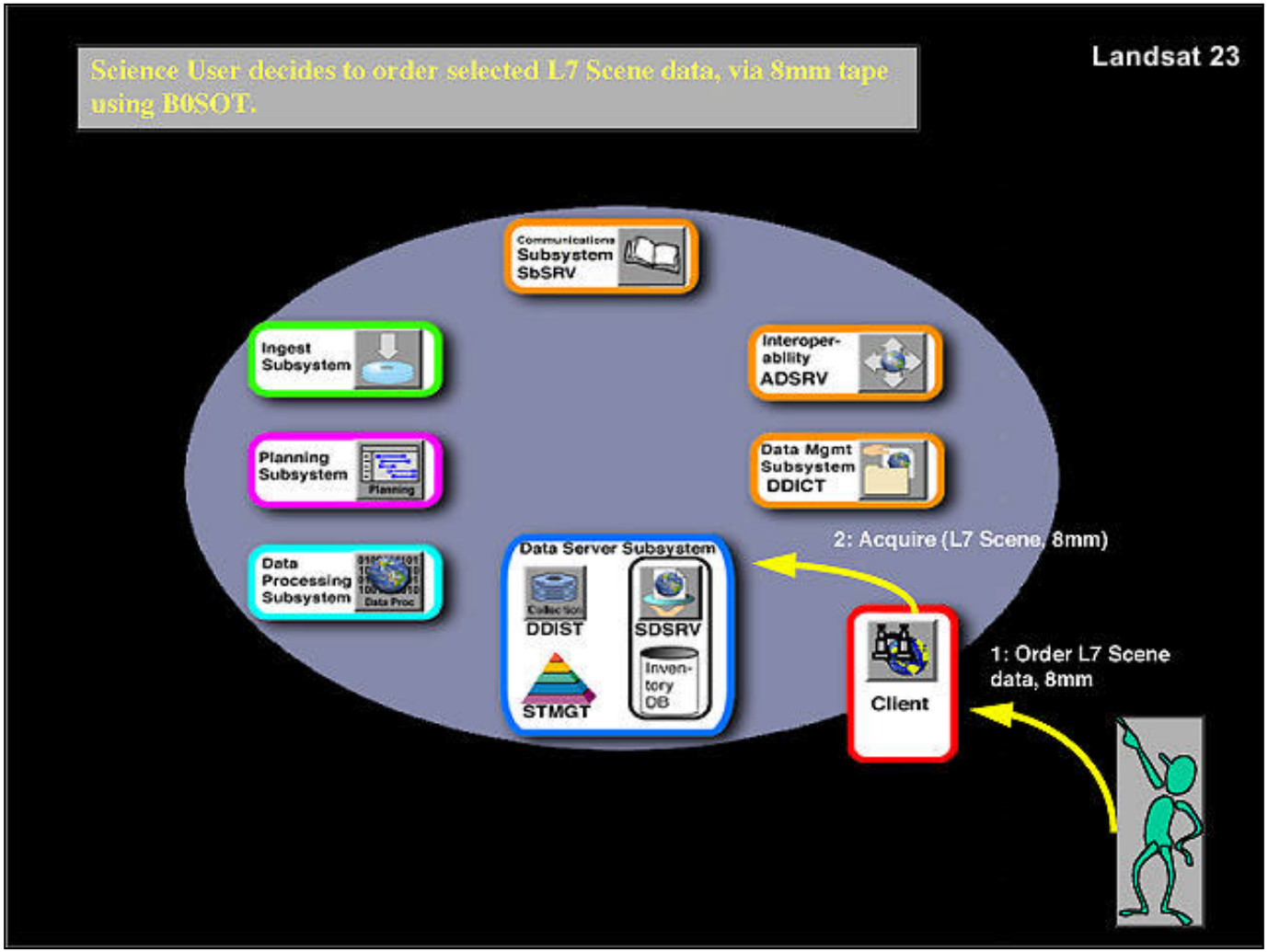
Landsat 21

Move browse data to ftp area on disk. Send email to user, notifying of data availability. User ftp's data and invokes EOSView to display browse.



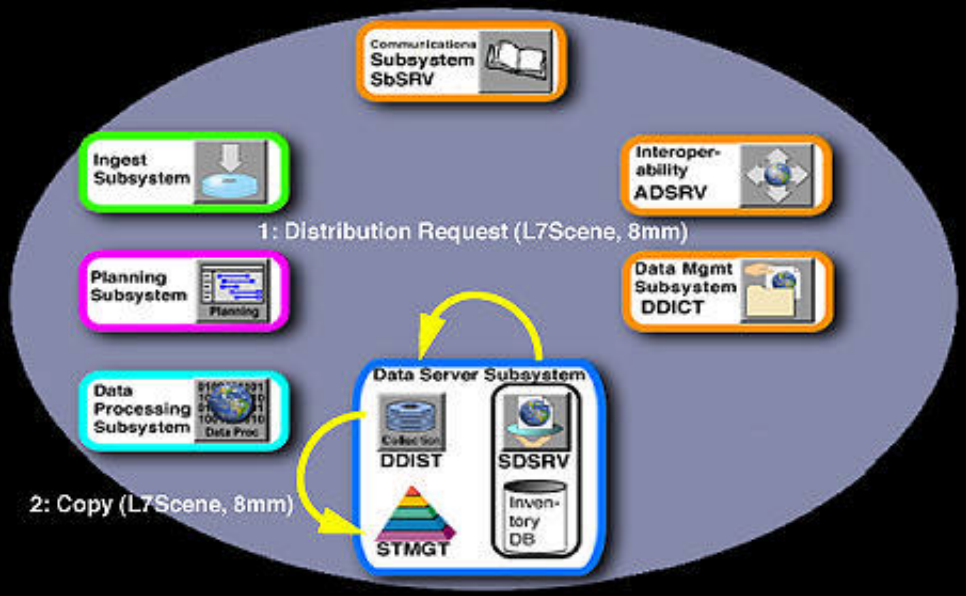
Science User decides to order selected L7 Scene data, via 8mm tape using B0SOT.

Landsat 23



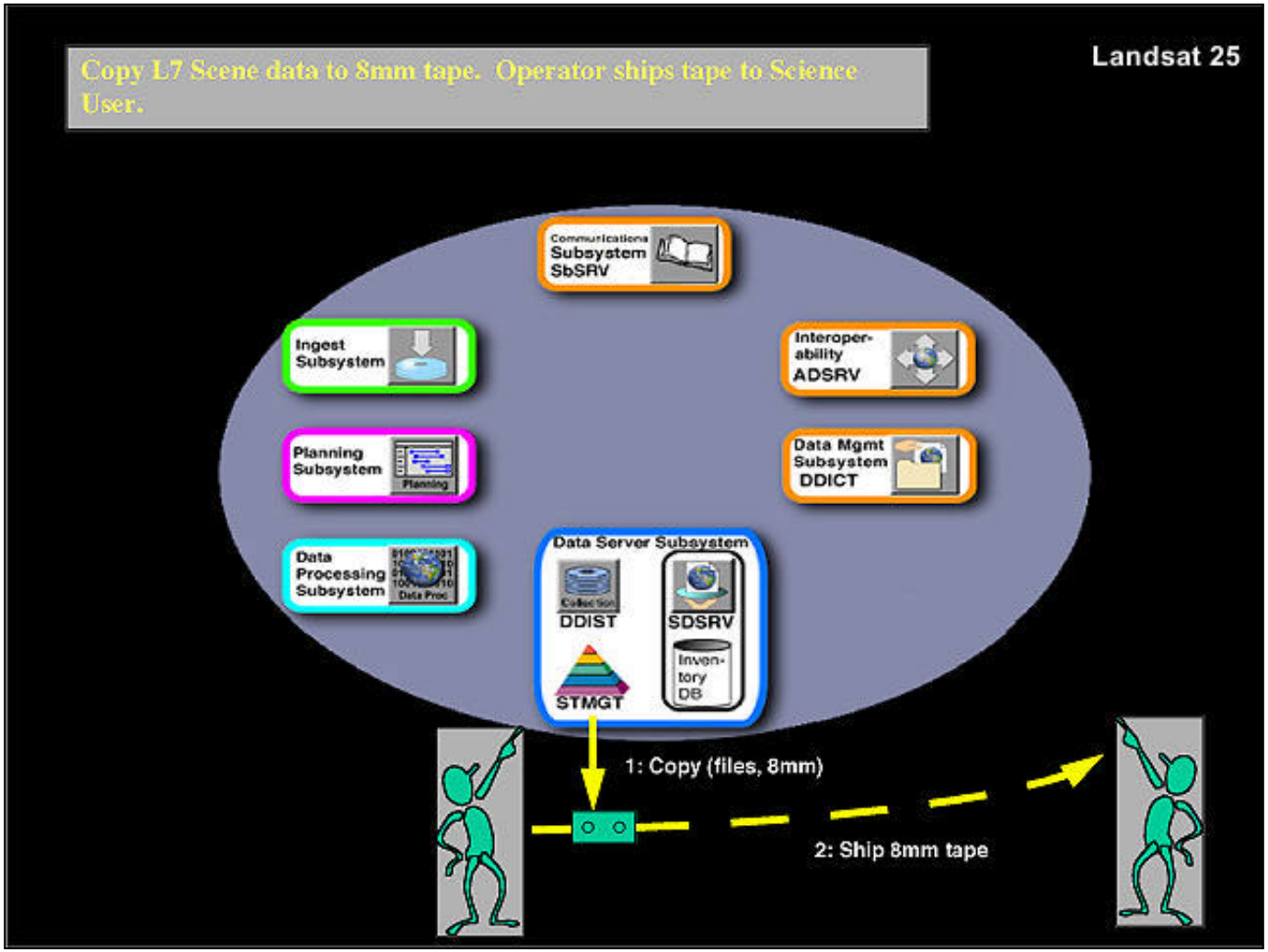
Retrieve L7 Scene data from Archive.

Landsat 24



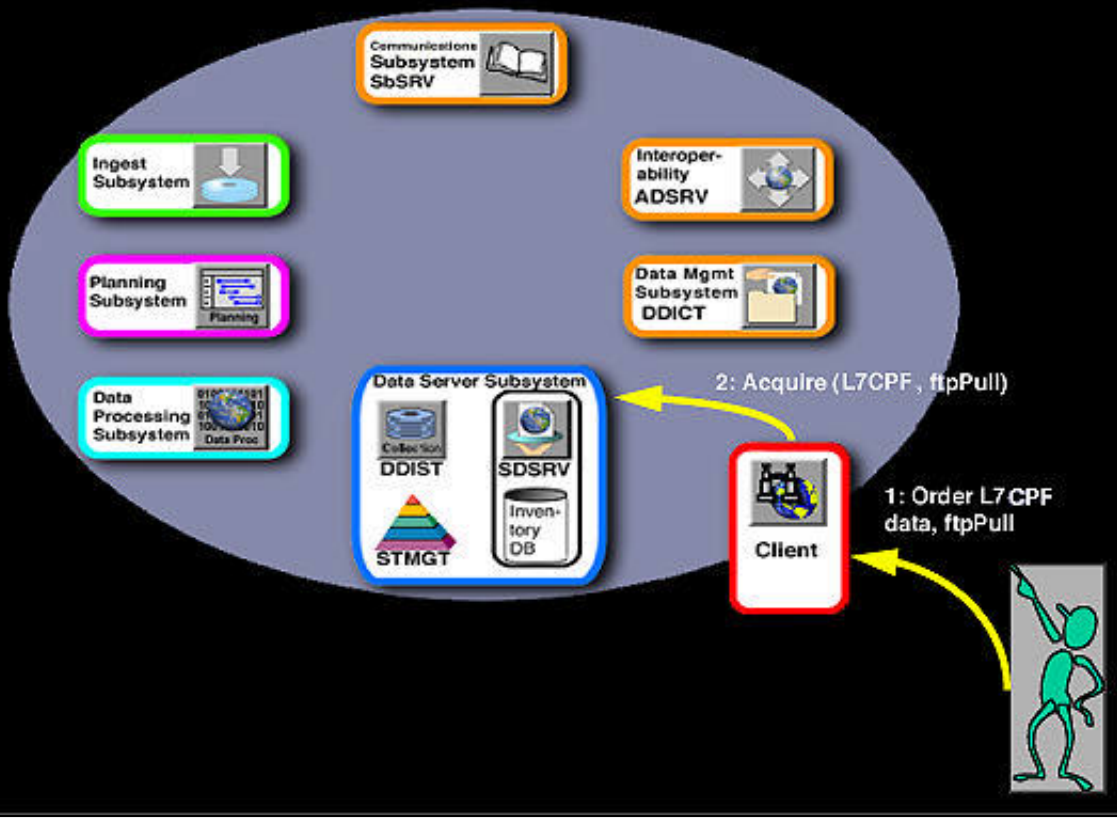
Copy L7 Scene data to 8mm tape. Operator ships tape to Science User.

Landsat 25



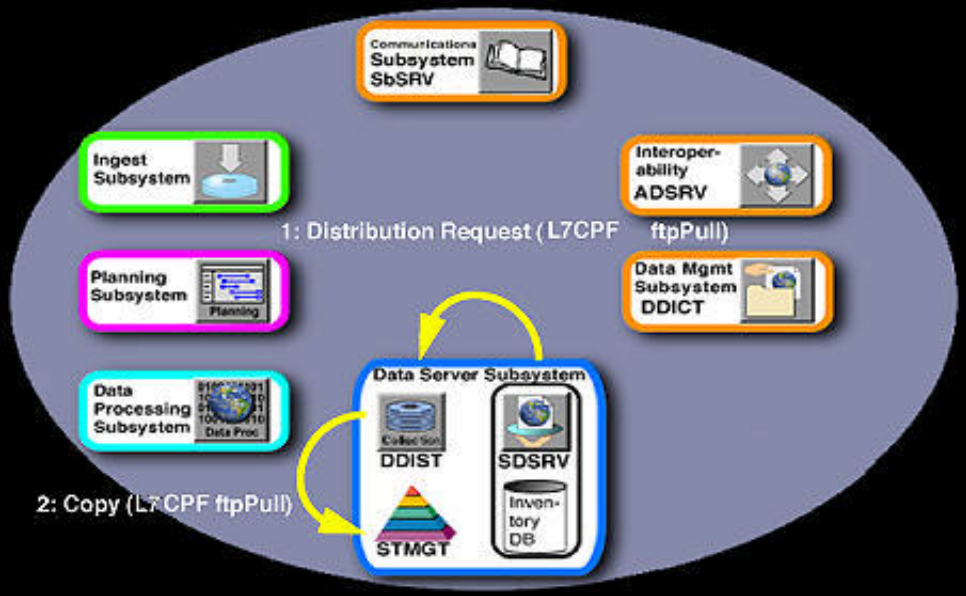
Science User decides to order high-interest L7CPF data via ftpPull, using B0SOT.

Landsat 26



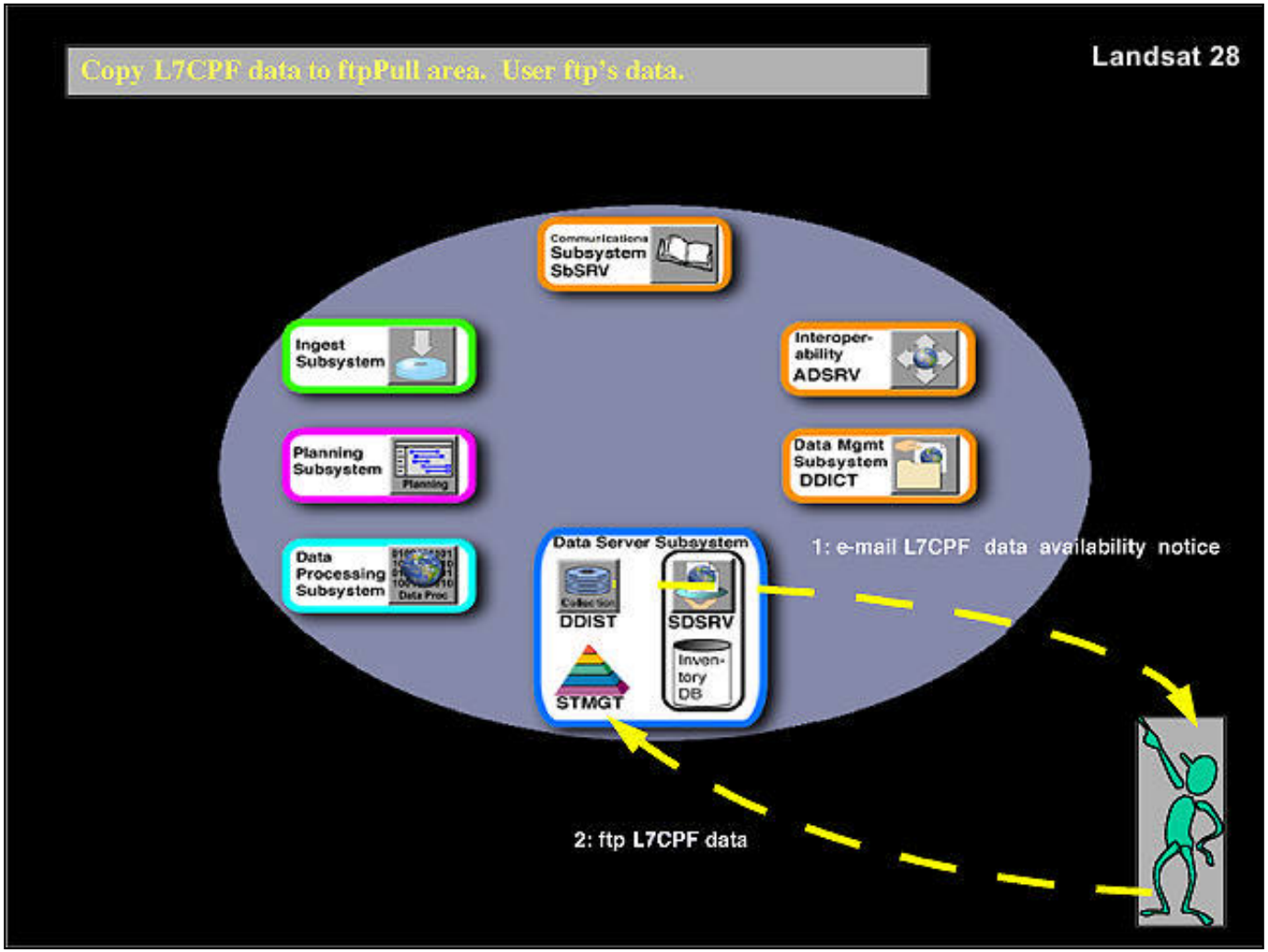
Retrieve L7CPF data from Archive.

Landsat 27



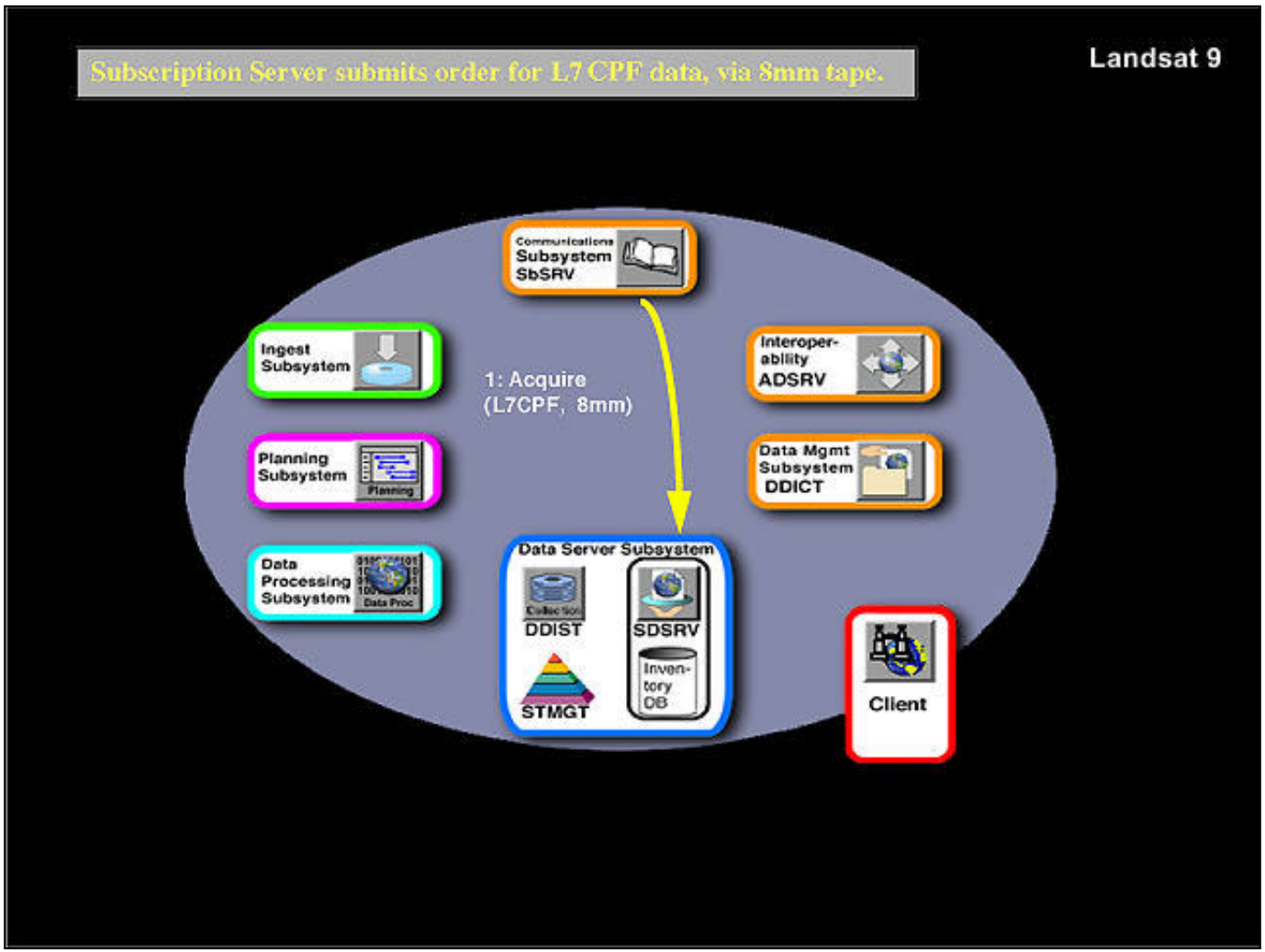
Copy L7CPF data to ftpPull area. User ftp's data.

Landsat 28



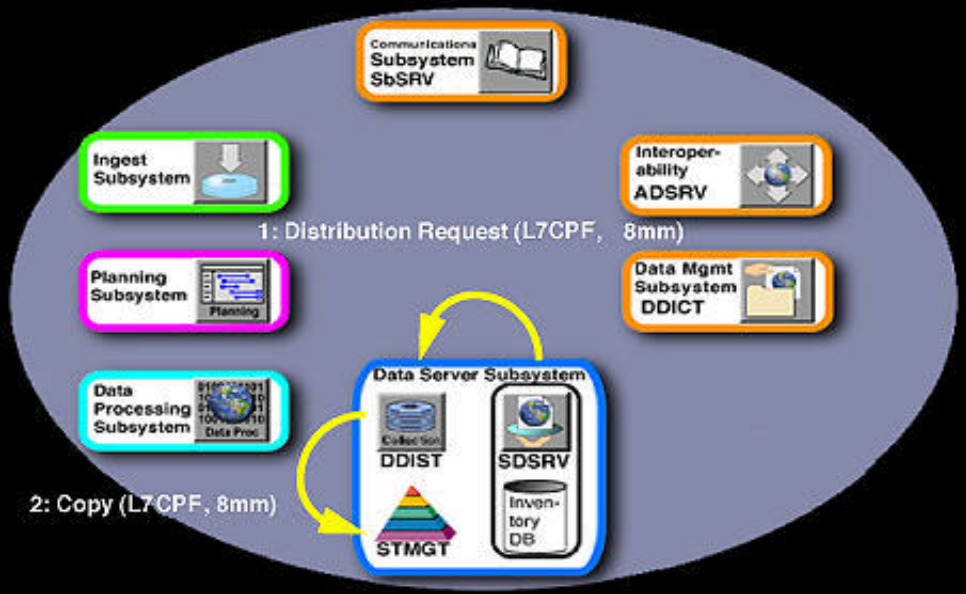
Subscription Server submits order for L7 CPF data, via 8mm tape.

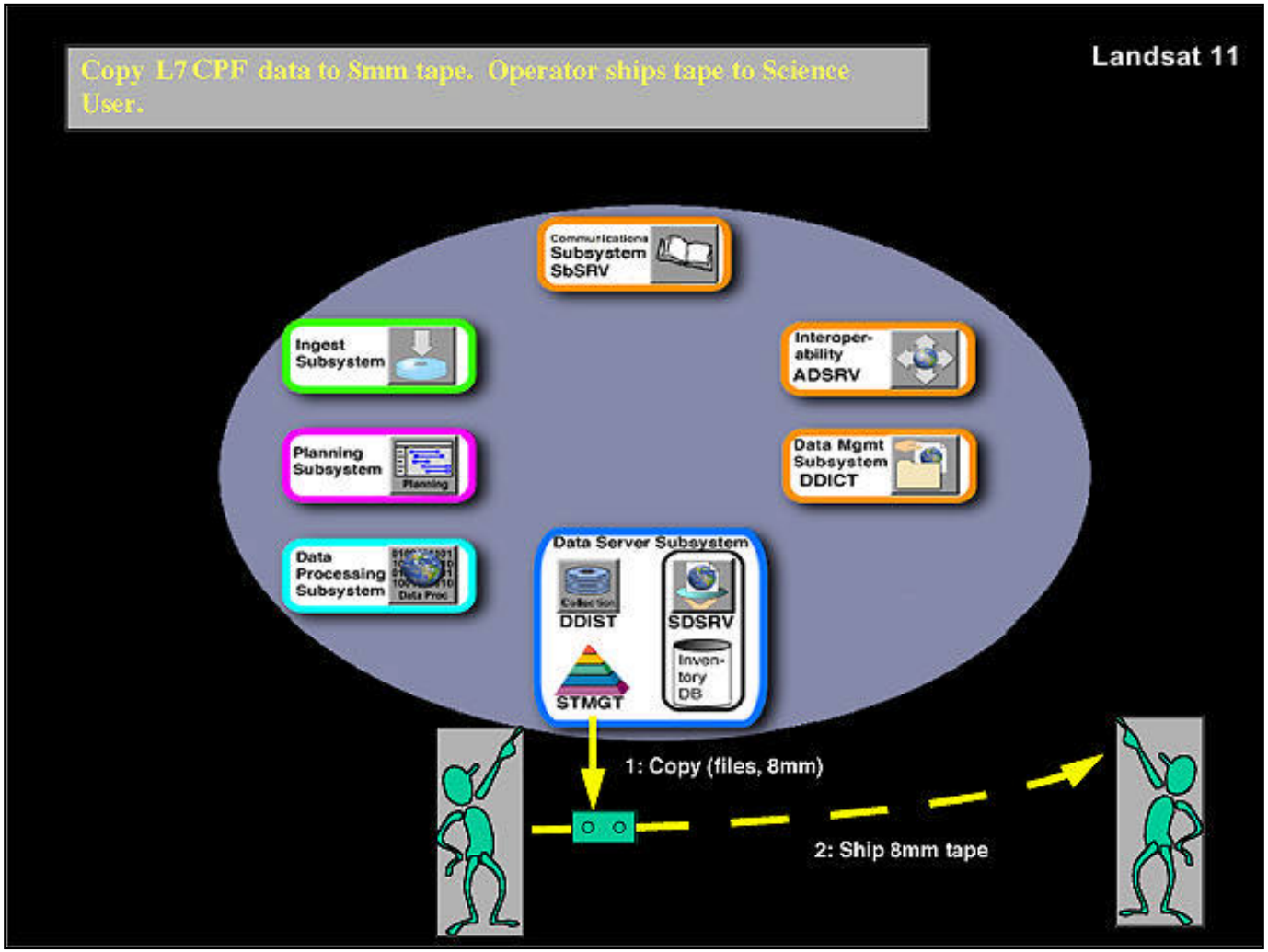
Landsat 9



Retrieve L7 CPF data from Archive.

Landsat 10



Copy L7 CPF data to 8mm tape. Operator ships tape to Science User.

Landsat 11