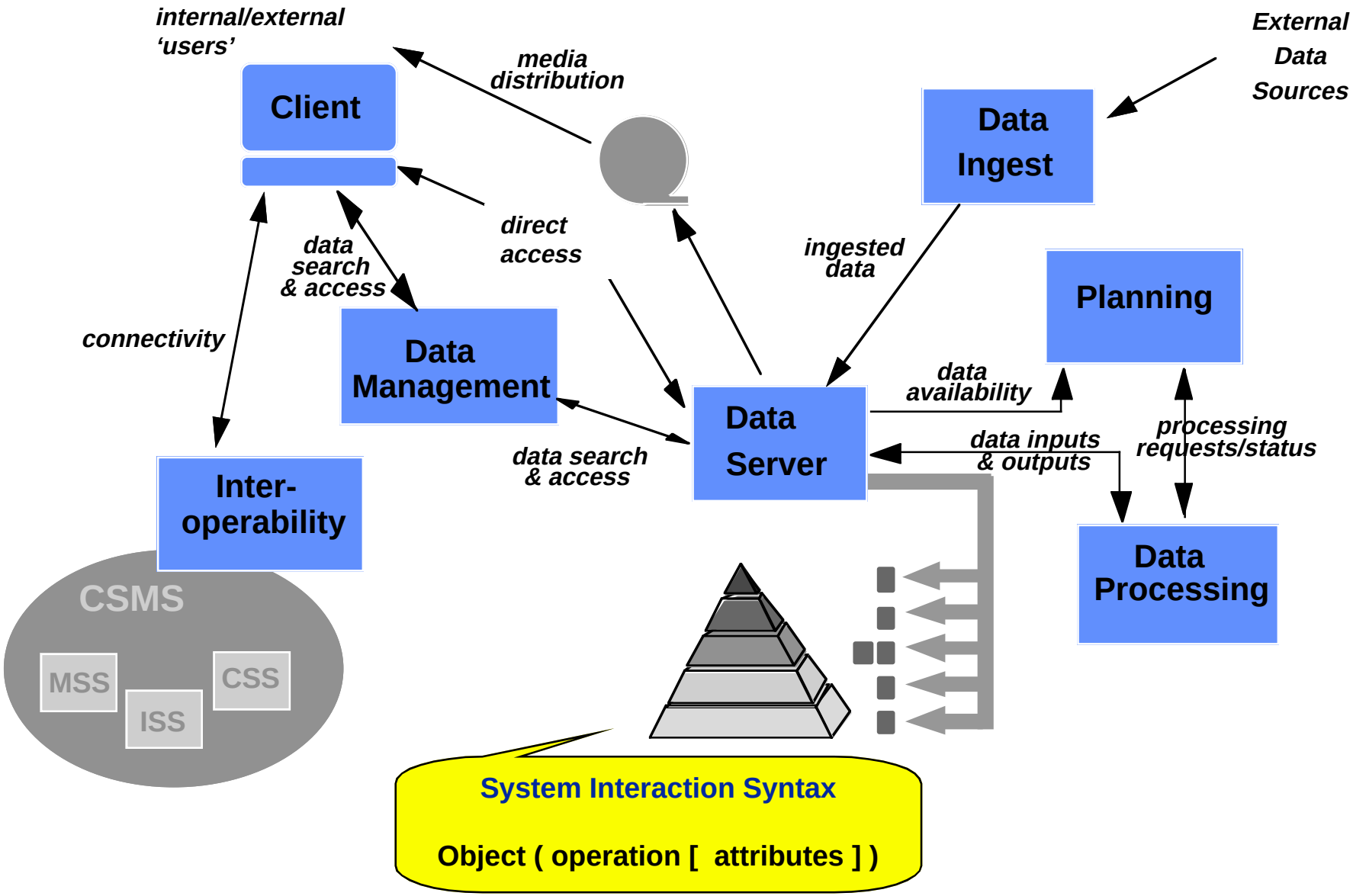
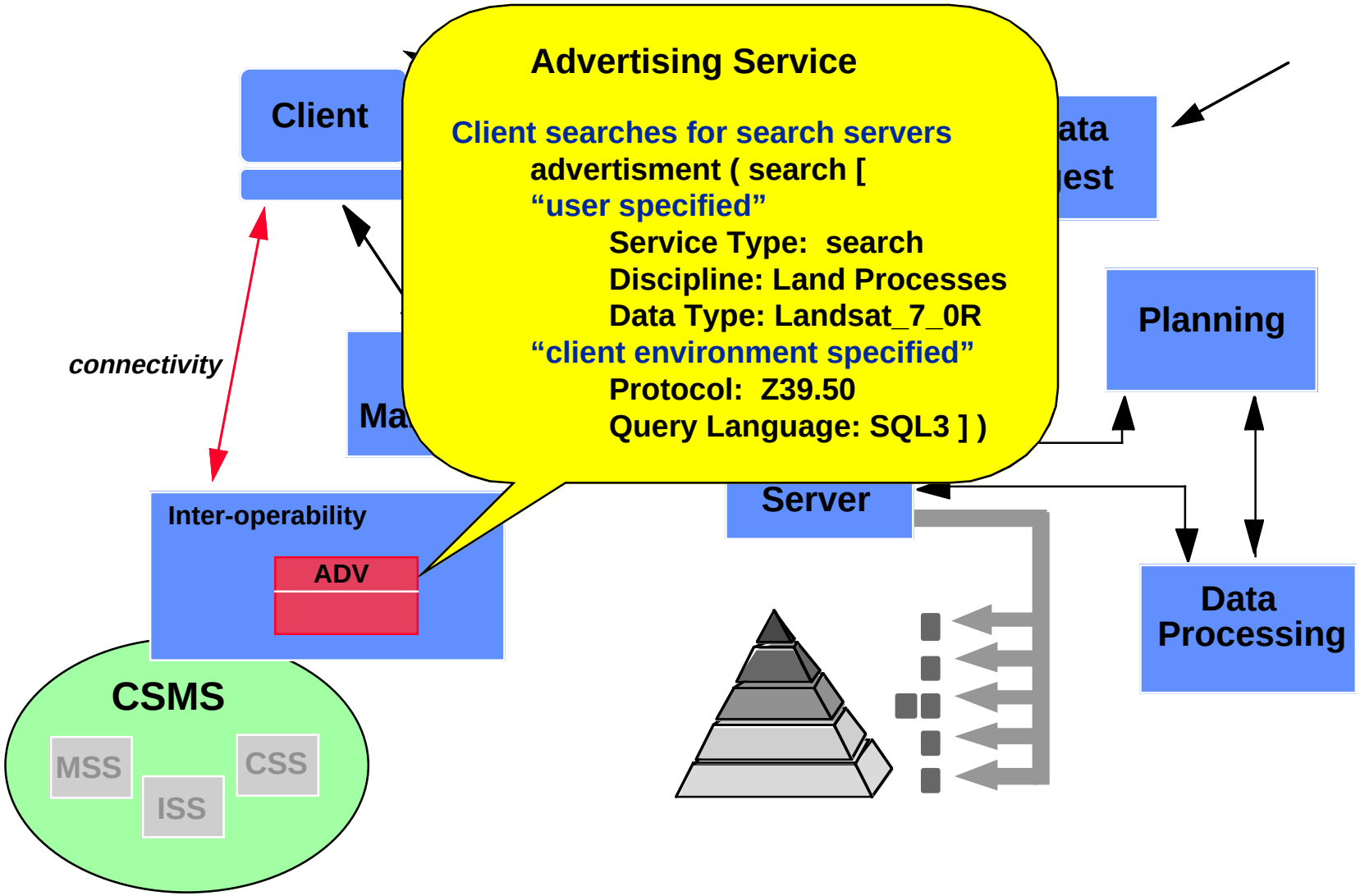
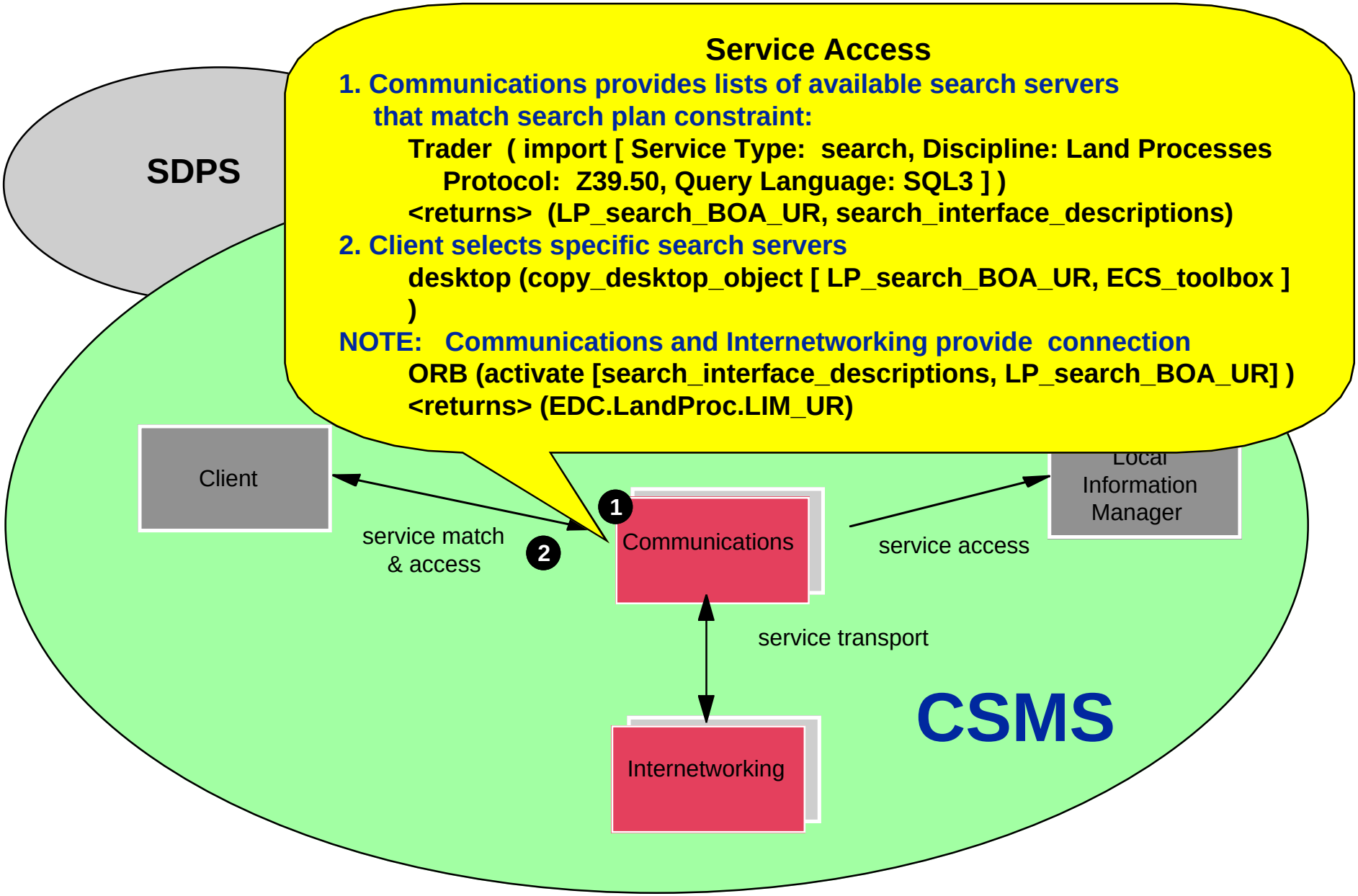
SDPS Subsystem Context

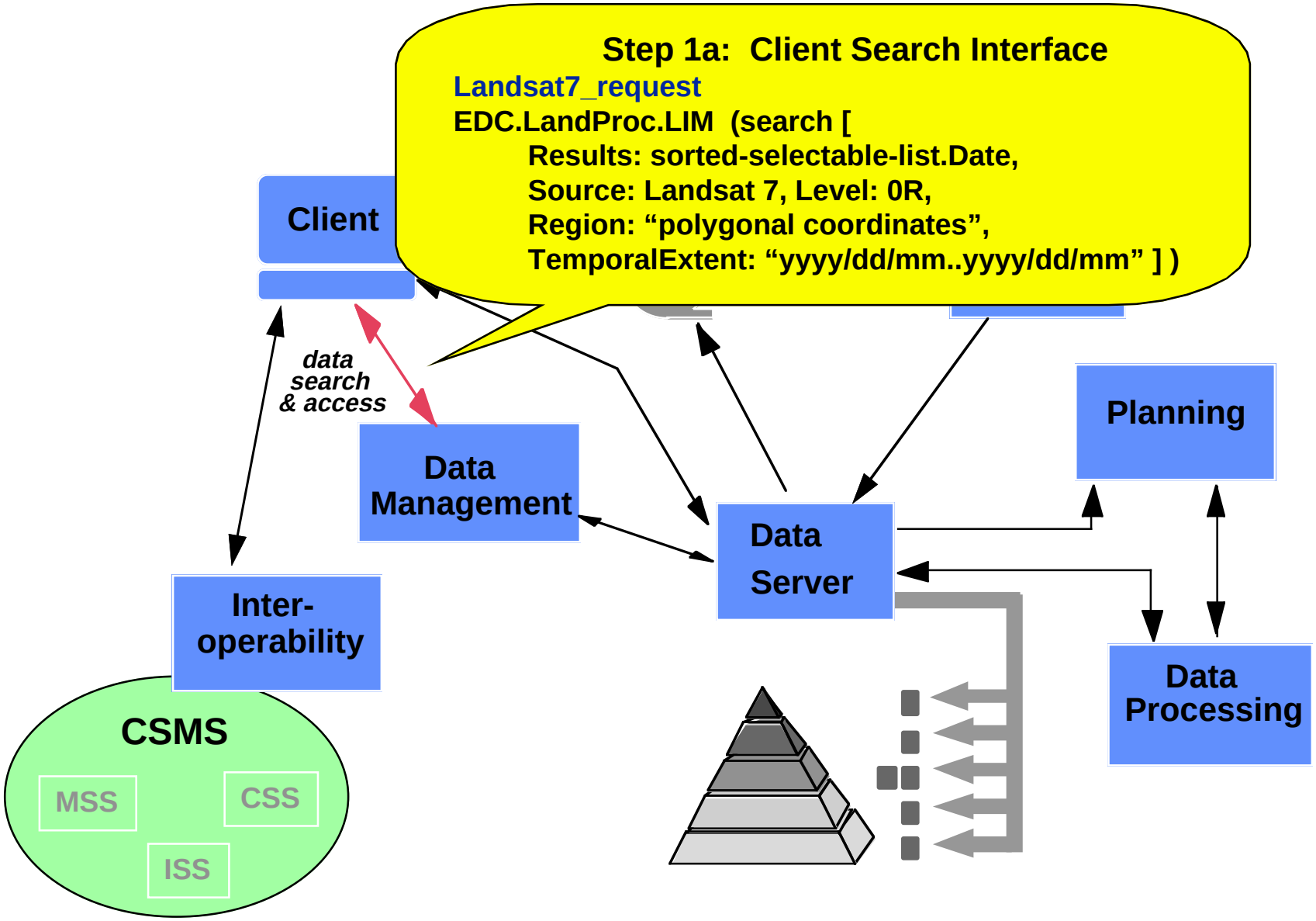


Step 0 User establishes Search Context

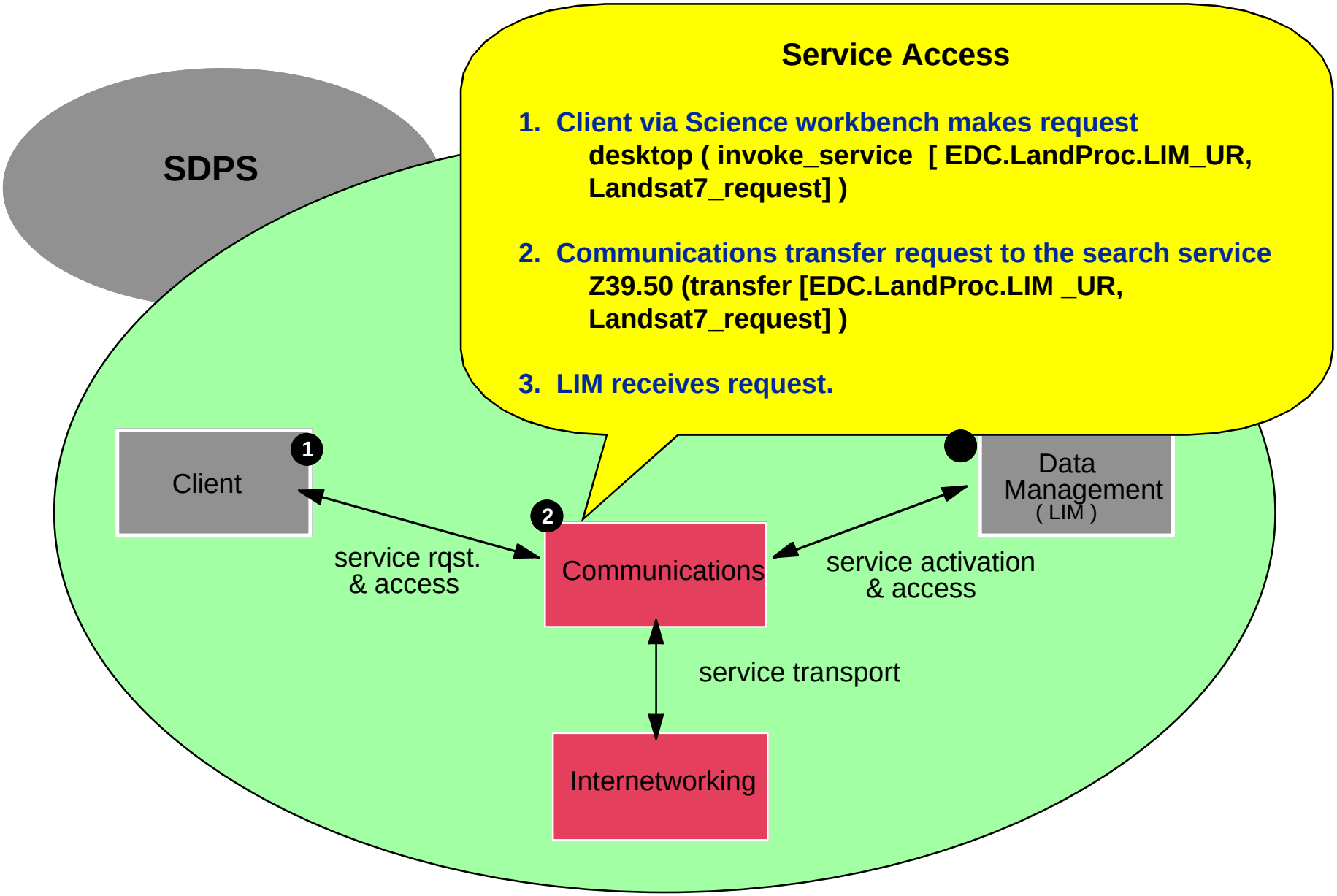


Step 0 User establishes Search Context





Step 1 Specify Search Request and Review Results



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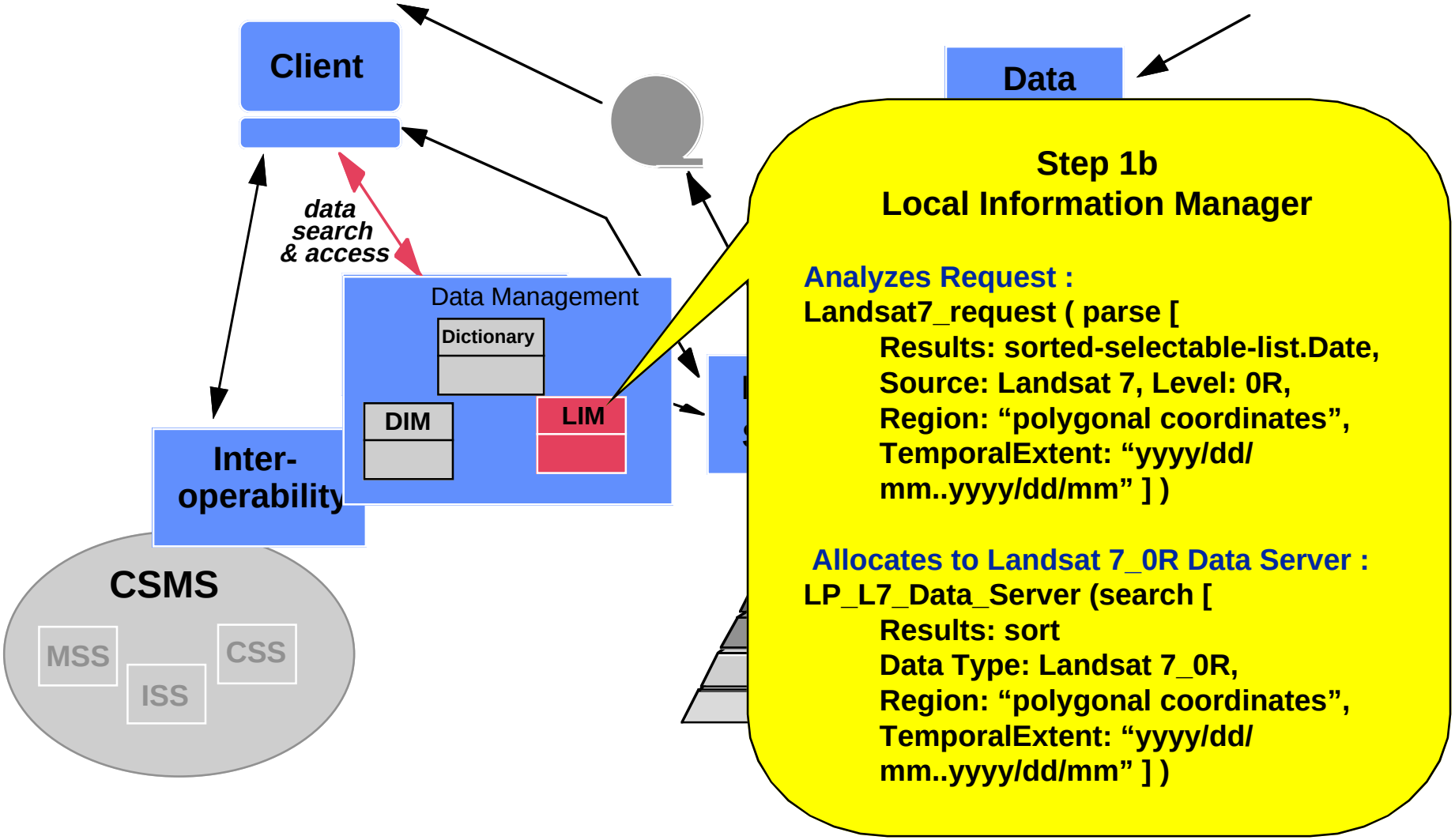

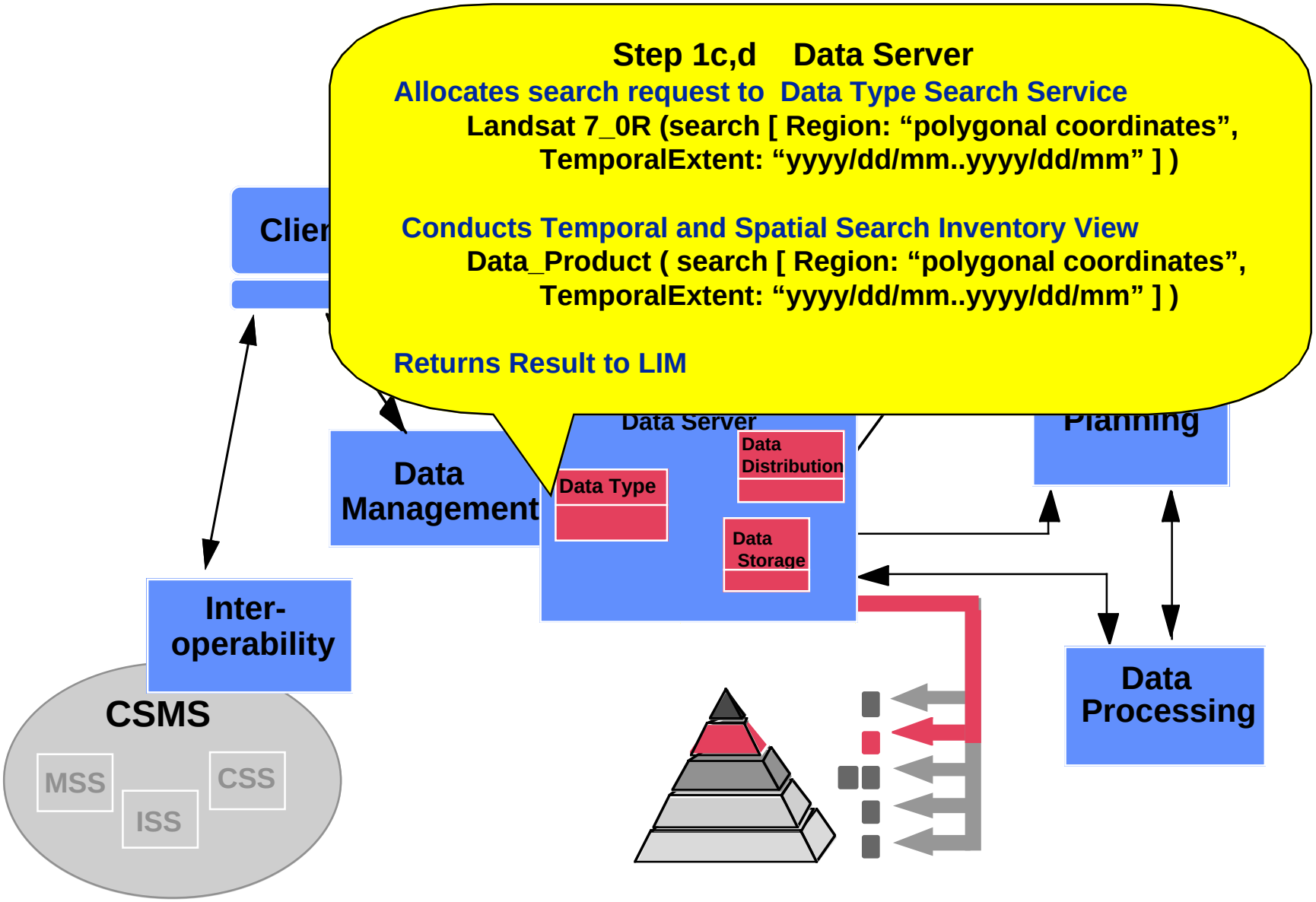

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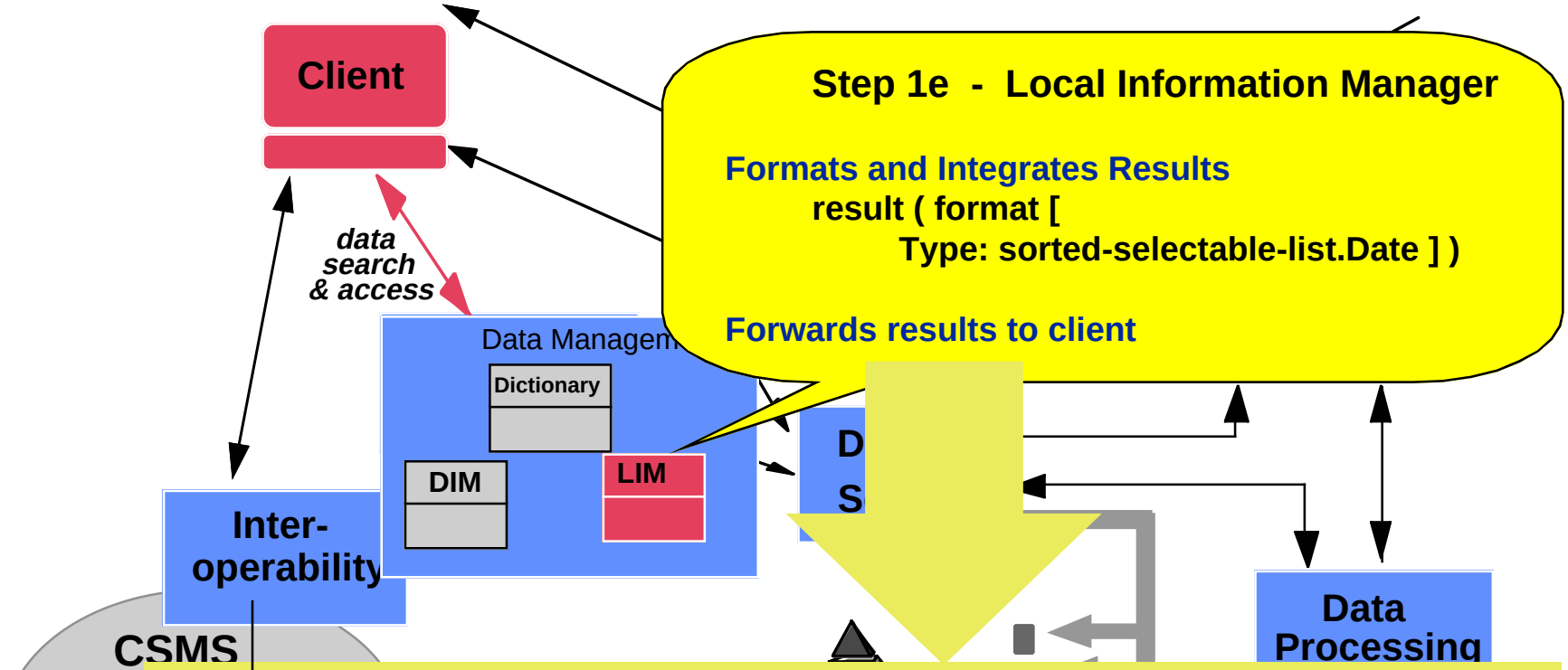


Step 1e - Local Information Manager

Formats and Integrates Results

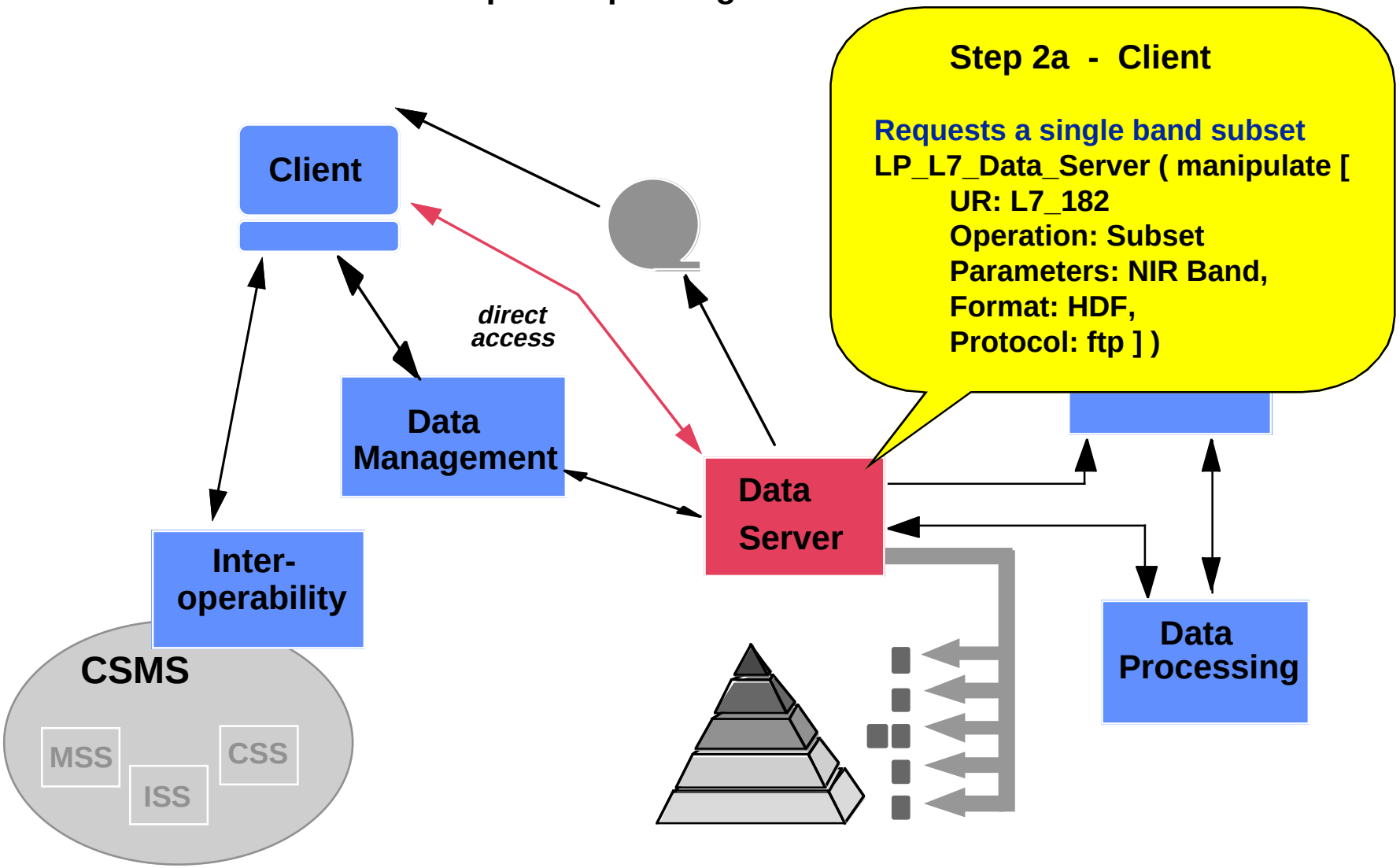
result (format [
Type: sorted-selectable-list.Date])

Forwards results to client

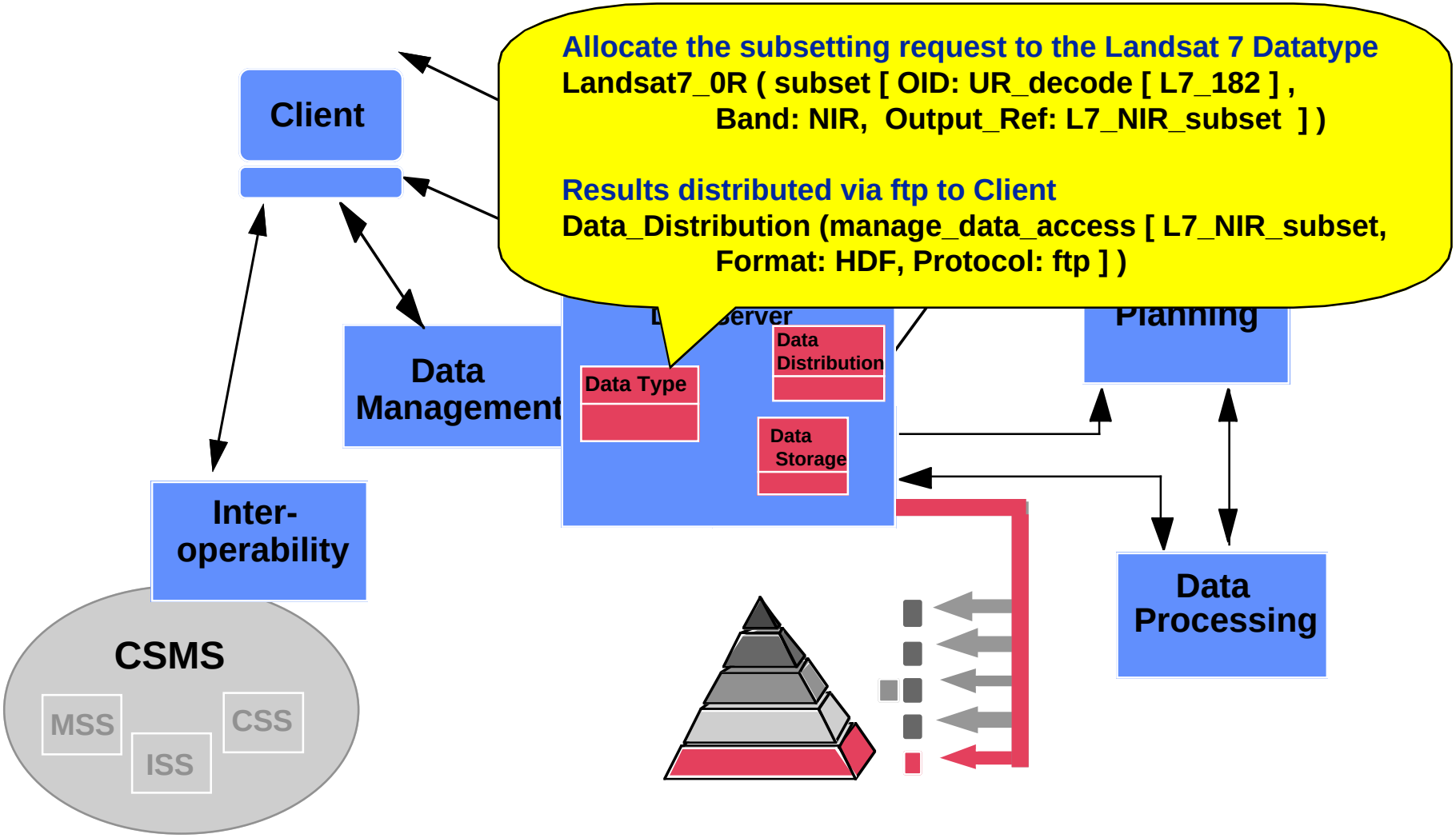
Result Set

UR	Description	Date	...	Cloud Cover	Browse_UR	Guide_UR	QA
L7_96	Landsat 7 Kansas NE	1998/06/06	...	1	L7_96_B56	L7_96_G22	L7_96_Q28
L7_182	Landsat 7 Kansas SW	1998/12/06	...	0	L7_182_B82	L7_182_G11	L7_182_Q101
L7_1693	Landsat 7 Kansas N	1998/14/06	...	2	L7_1693_B91	L7_1693_G34	L7_1693_Q120
L7_234ax	Landsat 7 Kansas E	1998/23/06	...	1	L7_234ax_B29	L7_234ax_G92	L7_234ax_Q240
L7_5992b	Landsat 7 Kansas W	1998/24/06	...	1	L7_5992b_B36	L7_5992b_G86	L7_5992b_Q286
...							
...							

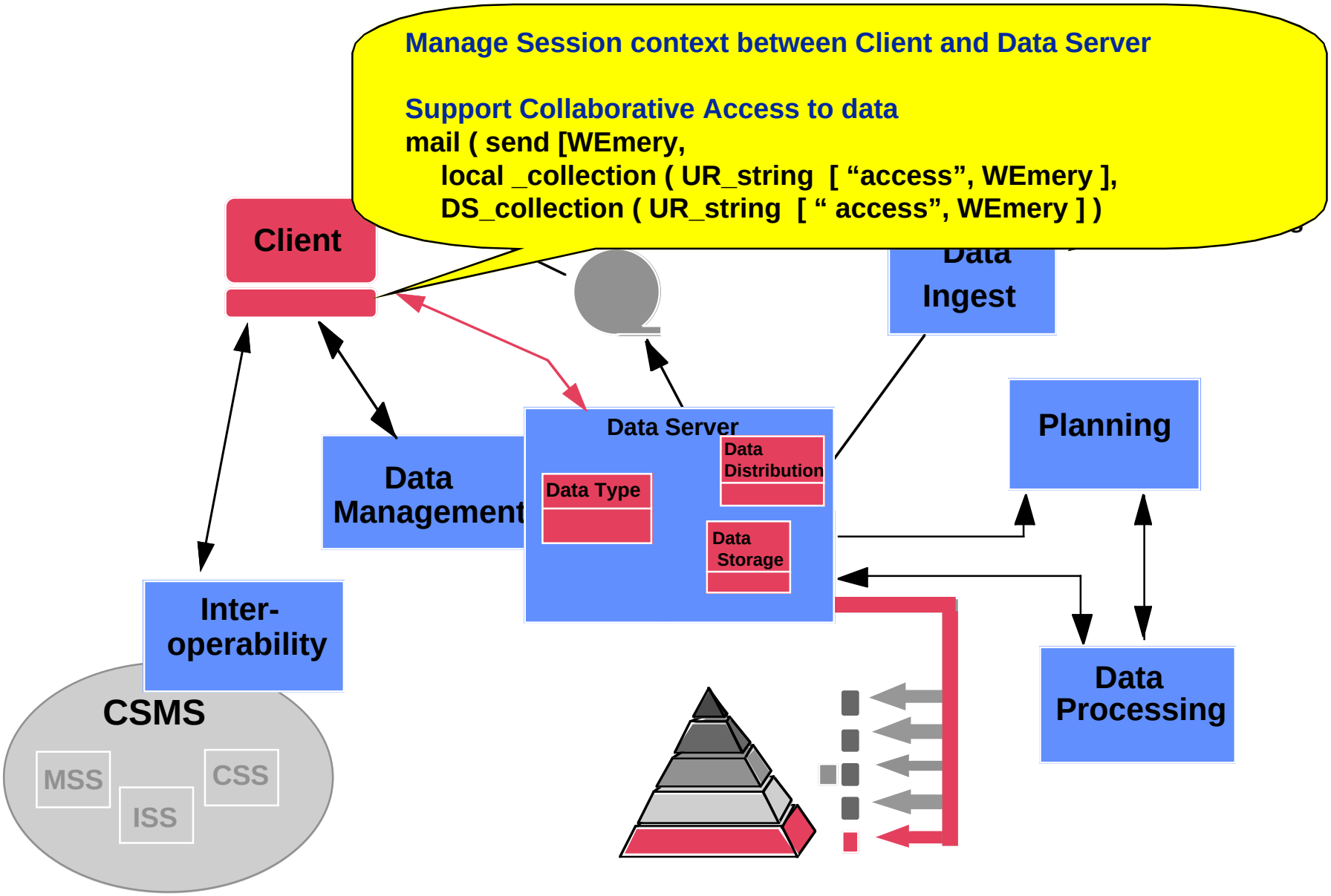
Step 2 Requesting a Subset



Step 2 Requesting a subset



OID = Object Identifier



Steps 3, 4 & 5 Long duration interactive search session

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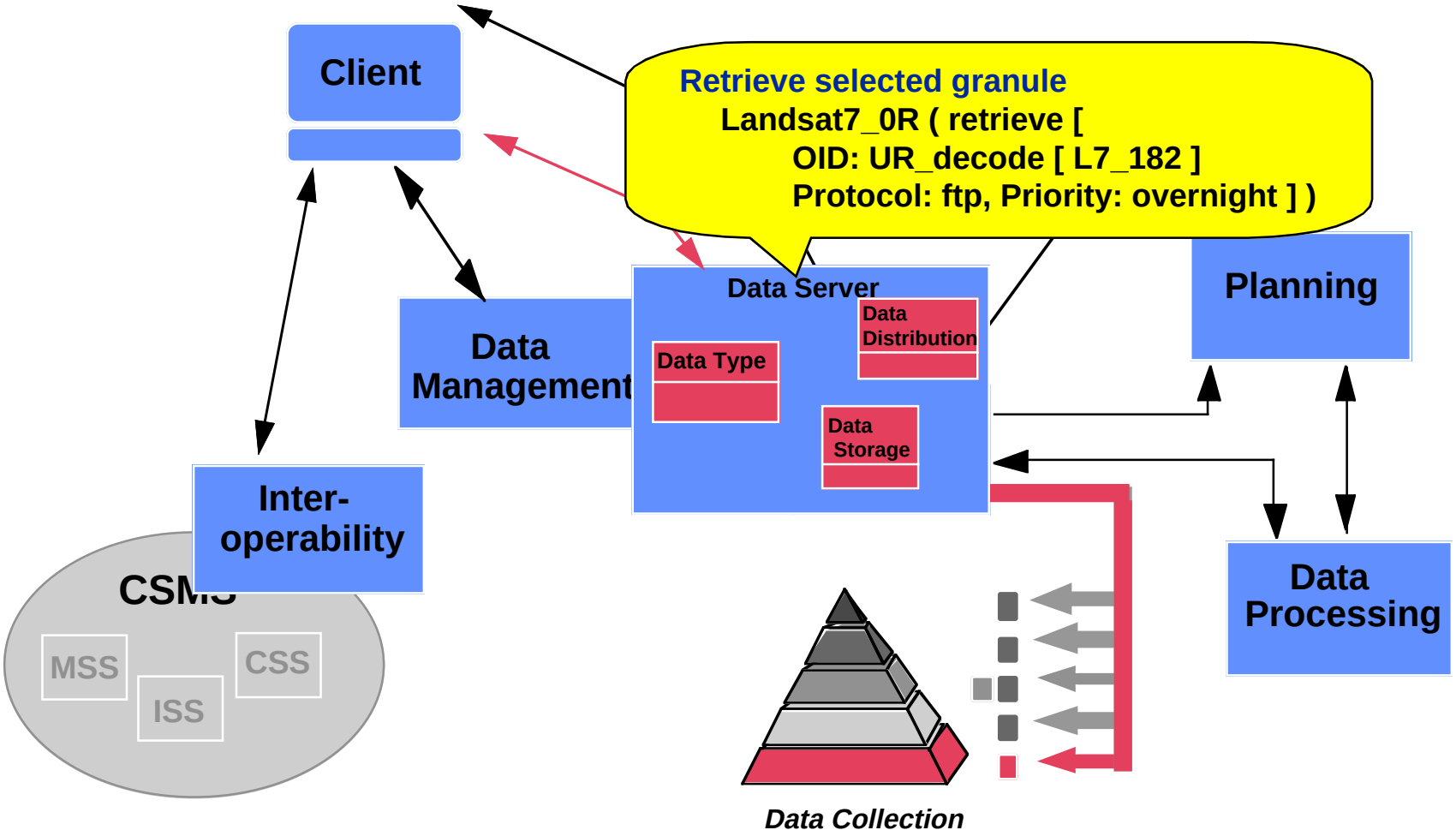
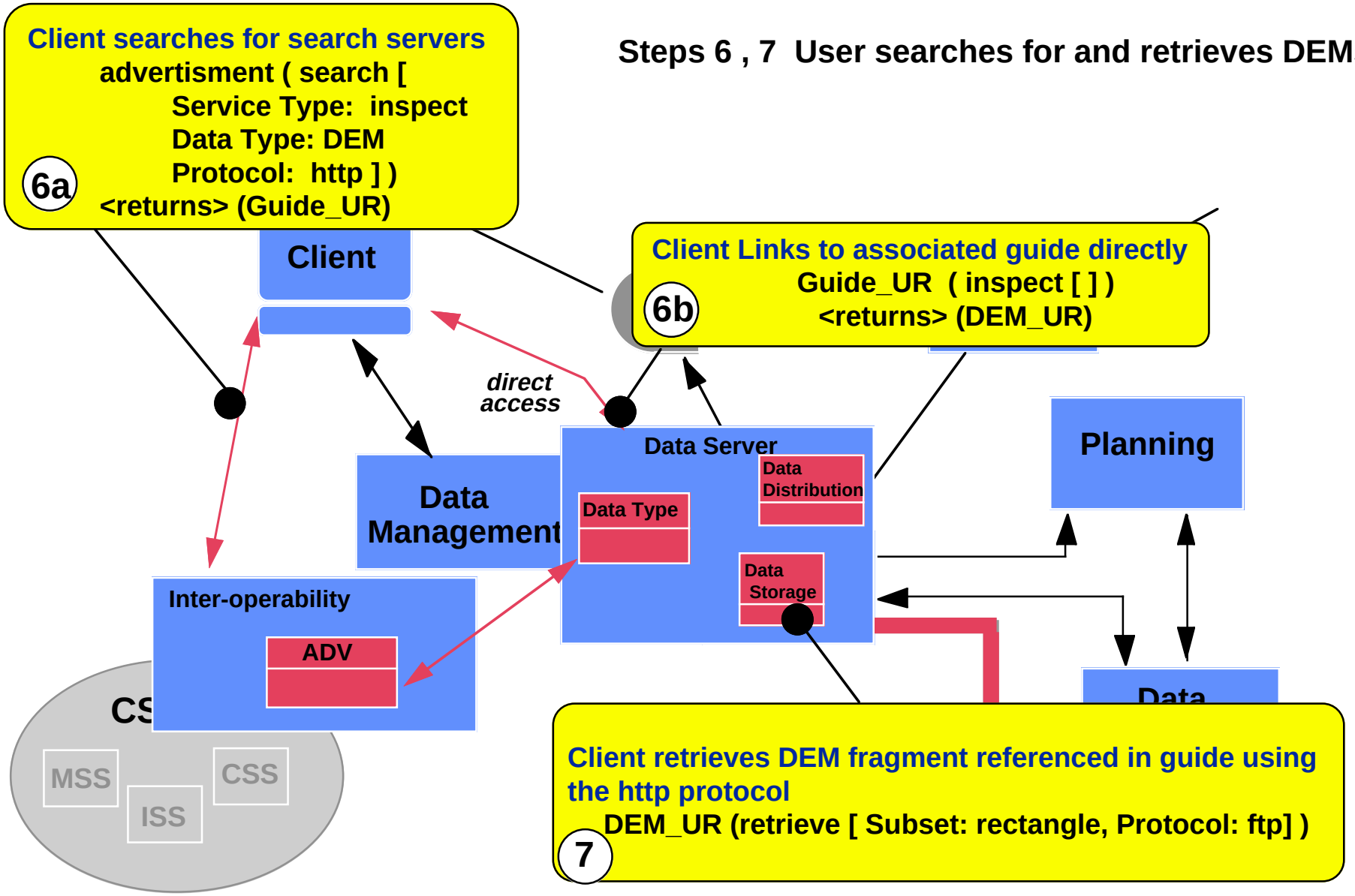
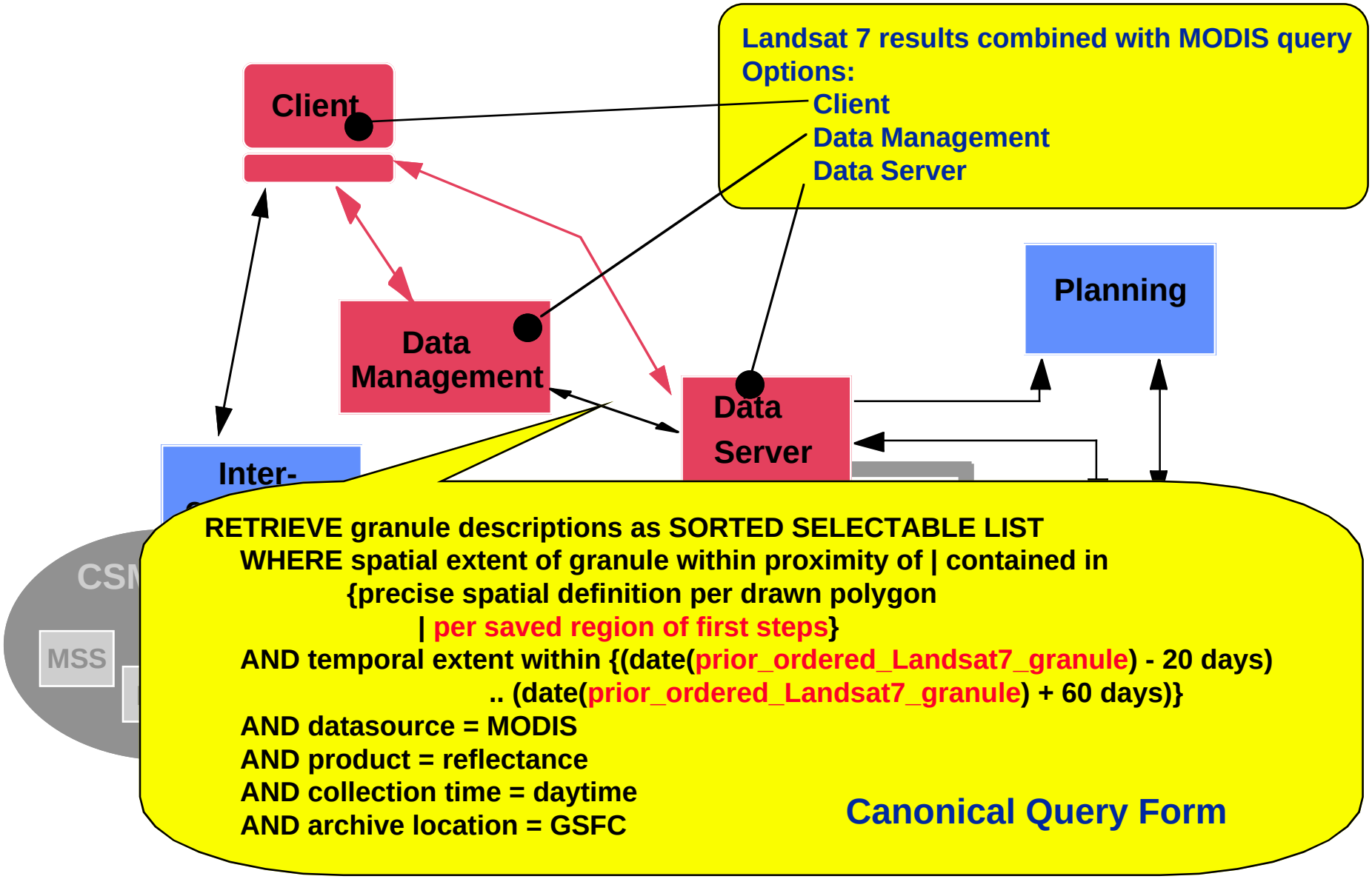


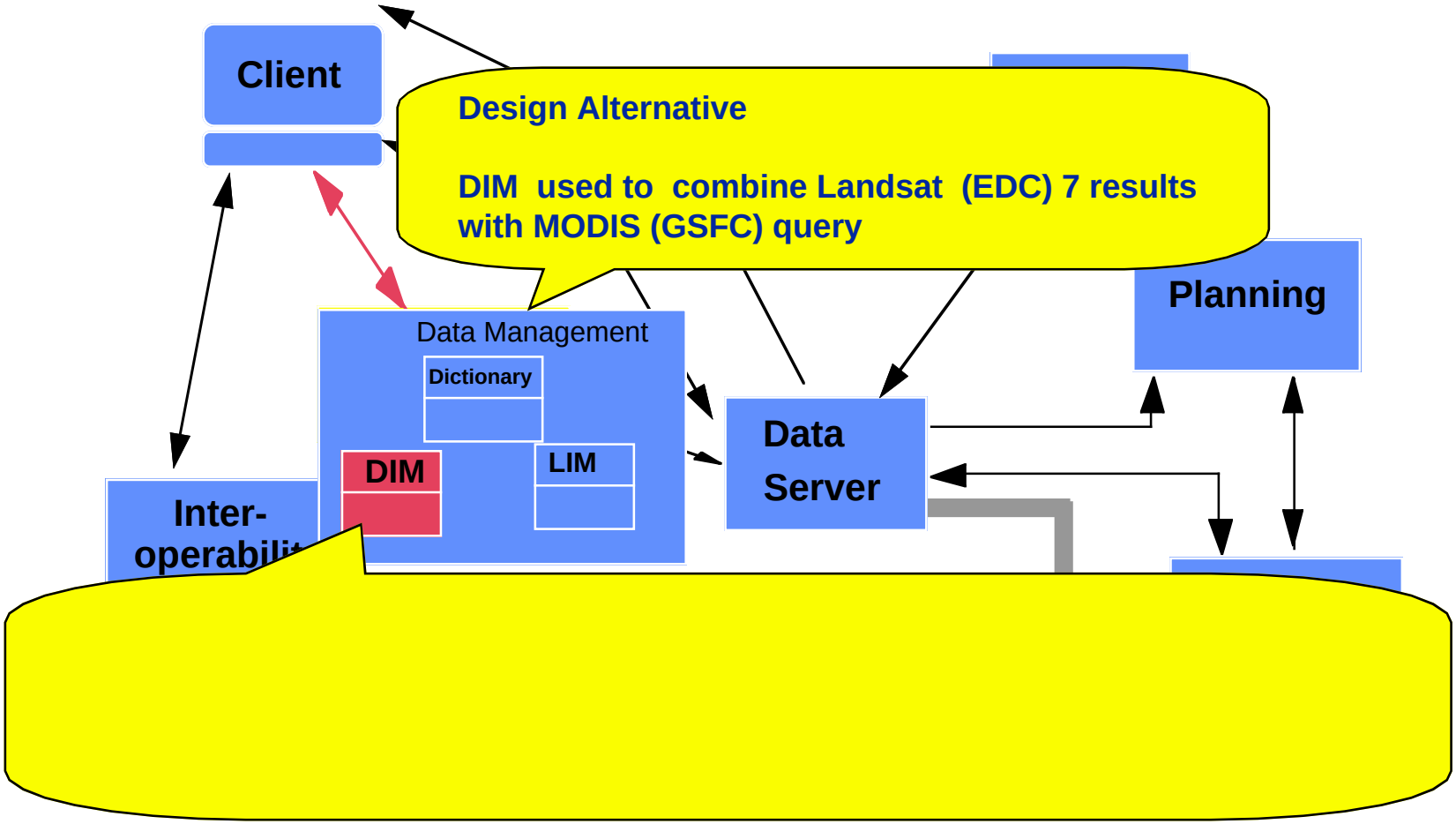
Steps 6 , 7 User searches for and retrieves DEMs



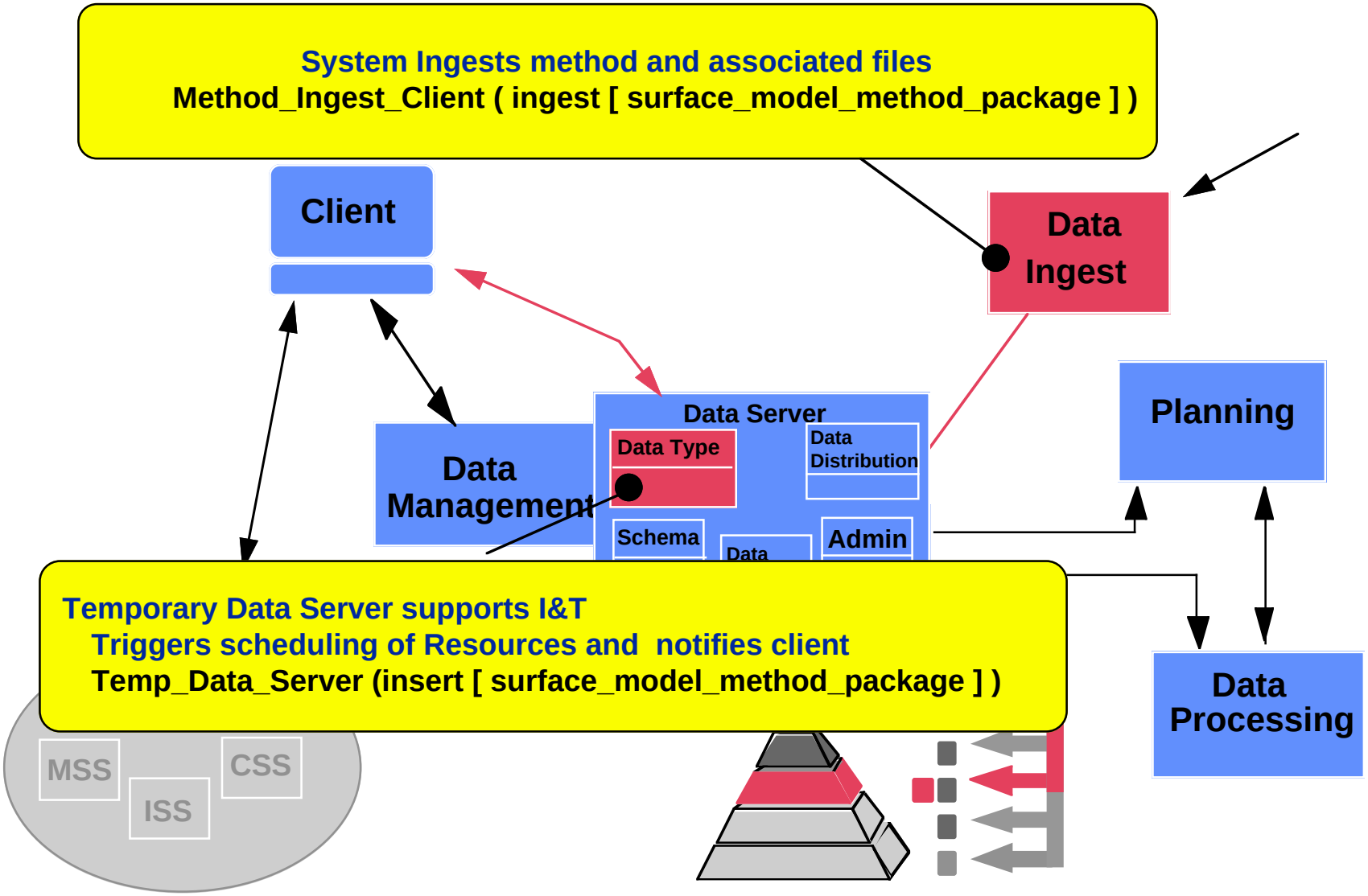
Steps 8, 9 10 Combines Landsat 7 Results with MODIS Query



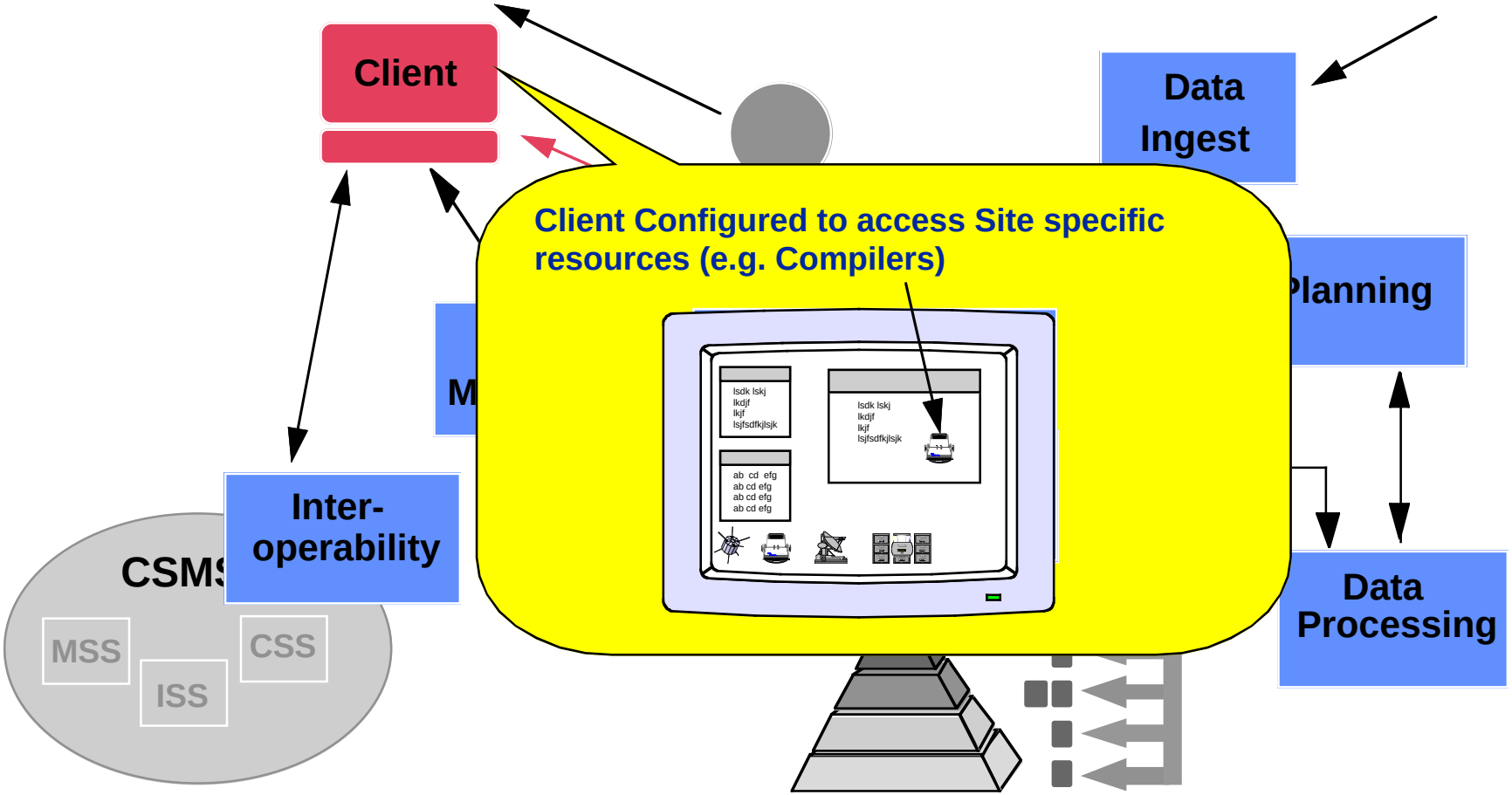
Steps 8, 9 10 Combining Landsat 7 Results with MODIS Query

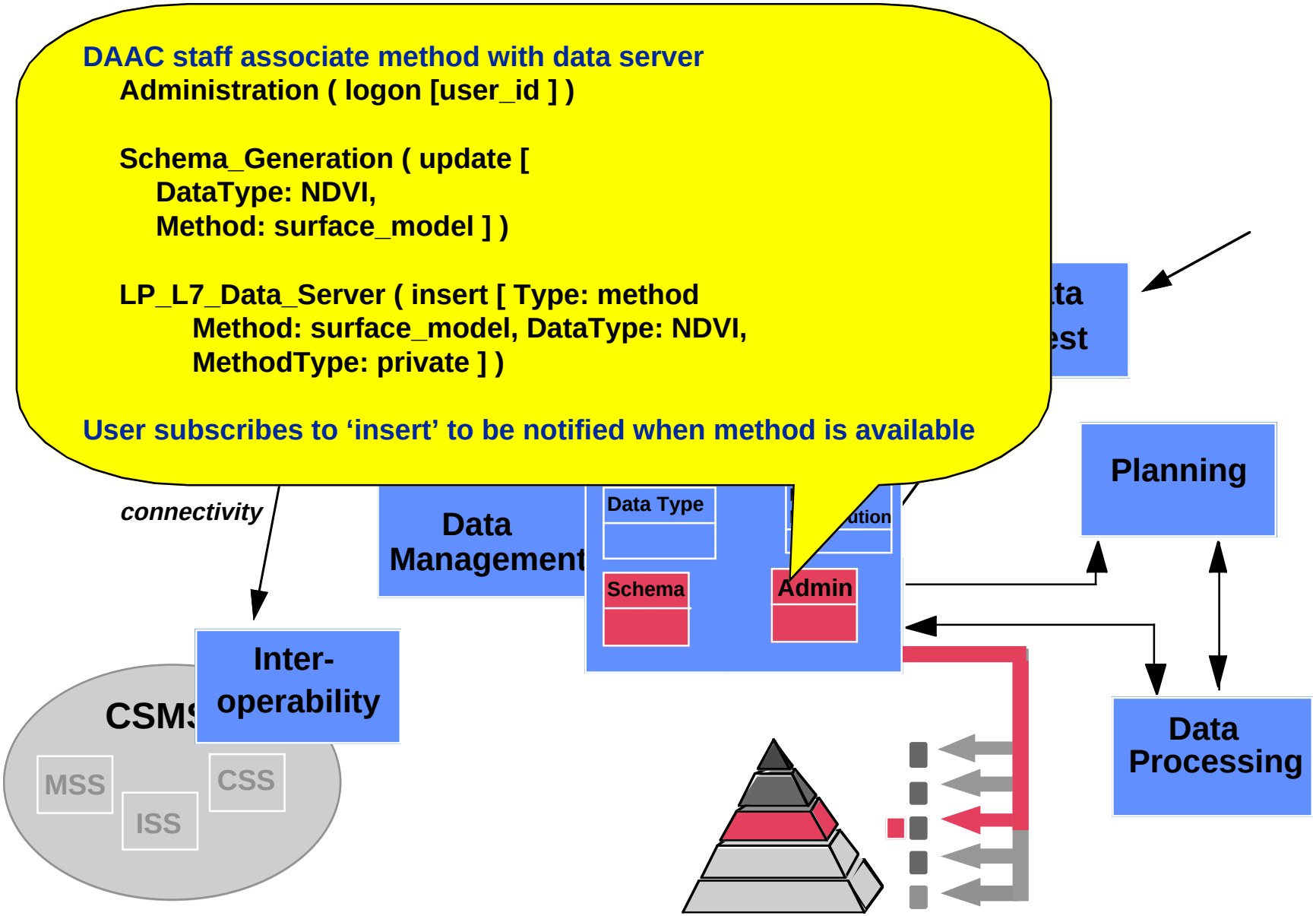


Step 12 User installs a private ‘user method’



Step 12 User installs a private ‘user method’



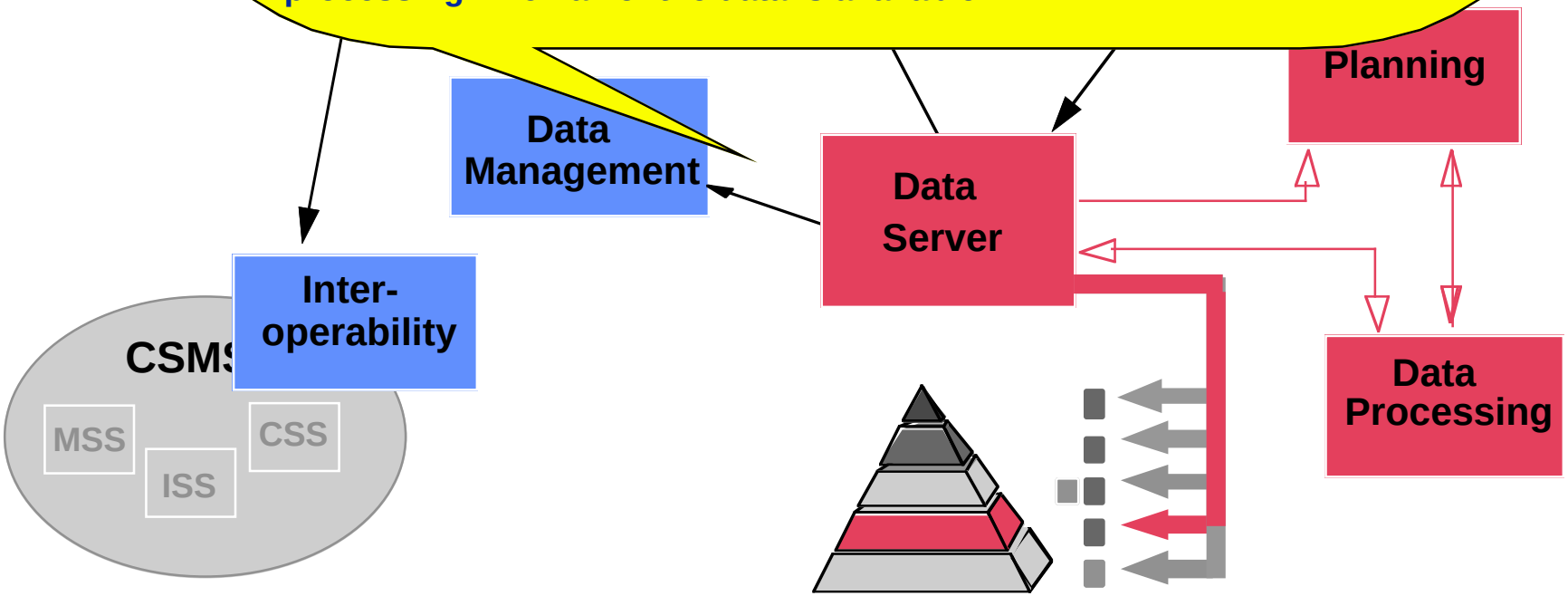


Step 12 User installs a private 'user method'

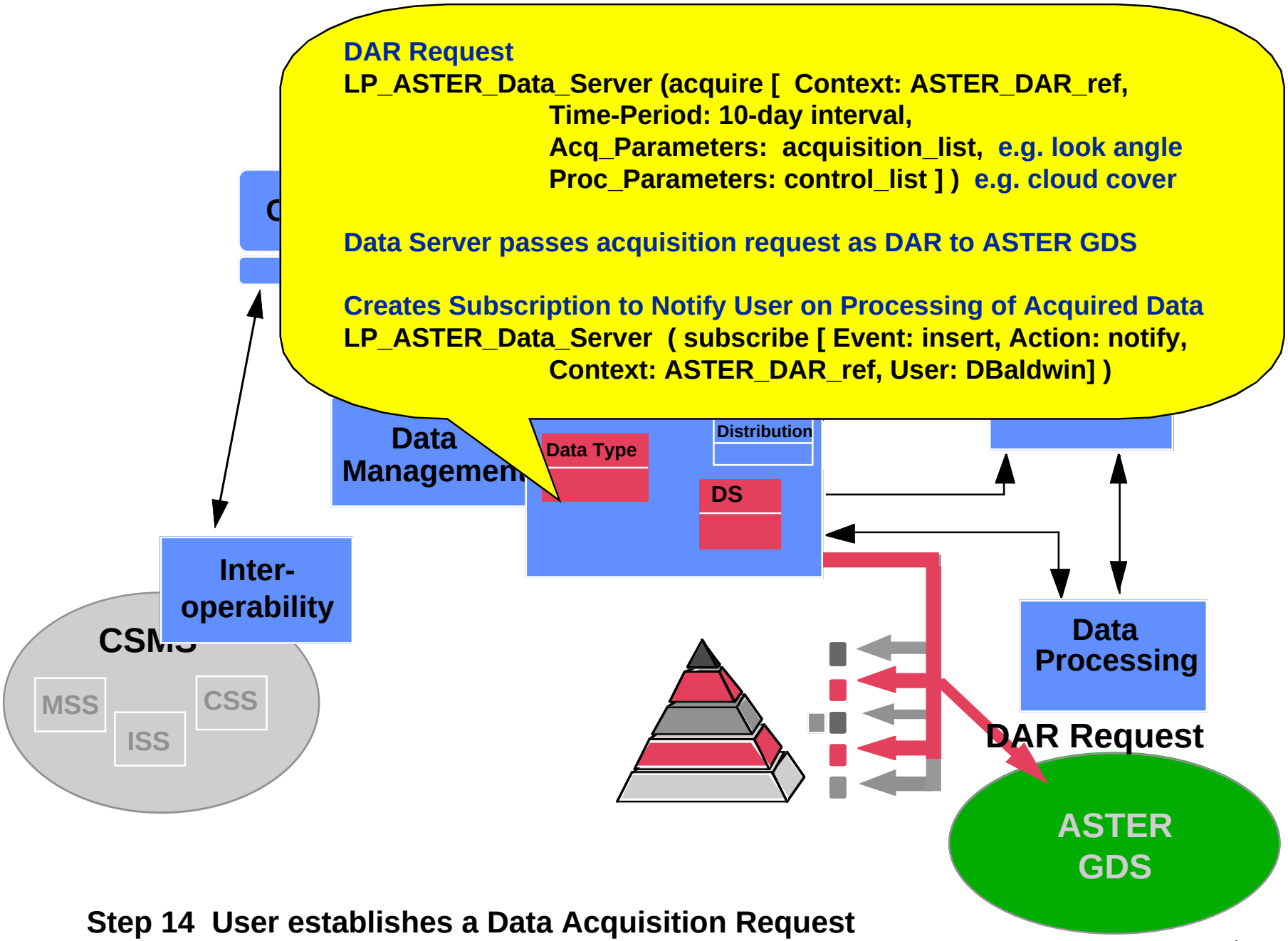
Processing Request is associated with the data server 'produce' service on the Landsat-& Data Server through connection using the UR of the method

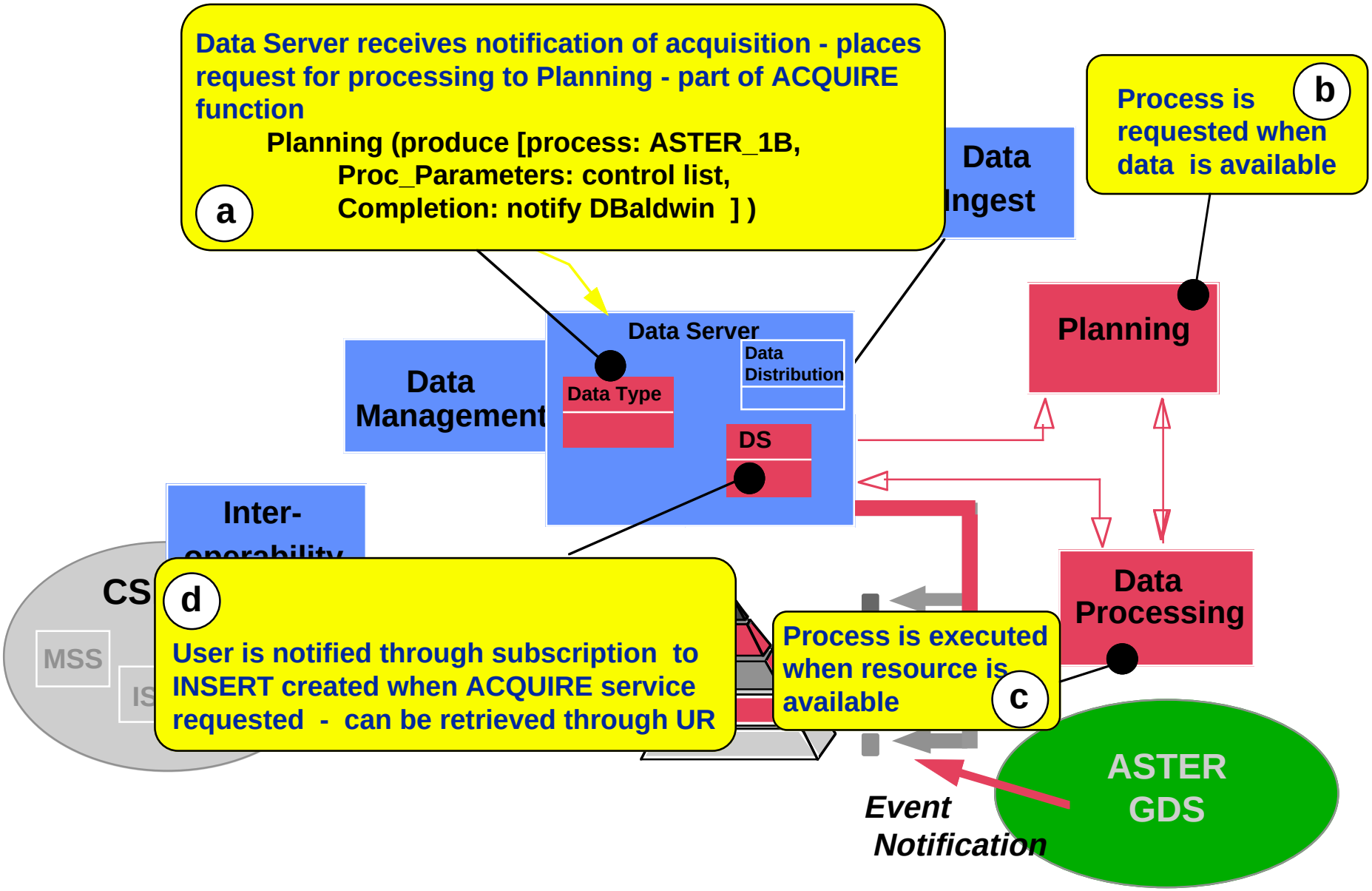
LP_L7_Data_Server (produce [process: surface_model_method,
Proc_Parameters: control list,
Time: 10 days intervals continuous,
Start: 19980801,
Completion: notify DBaldwin,
Error: save 2 days])

Process is activated every 10 days and an on-demand request submitted to Planningwhich will schedule a resource to perform processing when all of the data is available



Step 13 User places a standing order for processing every 10 days



Step 14 User establishes a Data Acquisition Request

Step 15 ASTER Data made available to user as they are processed