



UNIVERSIDAD DISTRITAL FRANCISCO JOSÉ DE CALDAS



STRUCTURE AND DEVELOPMENT OF AND XTCE TELEMETRY SYSTEM FOR CUBSAT NETWORKS

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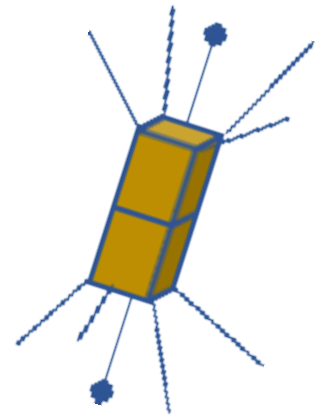
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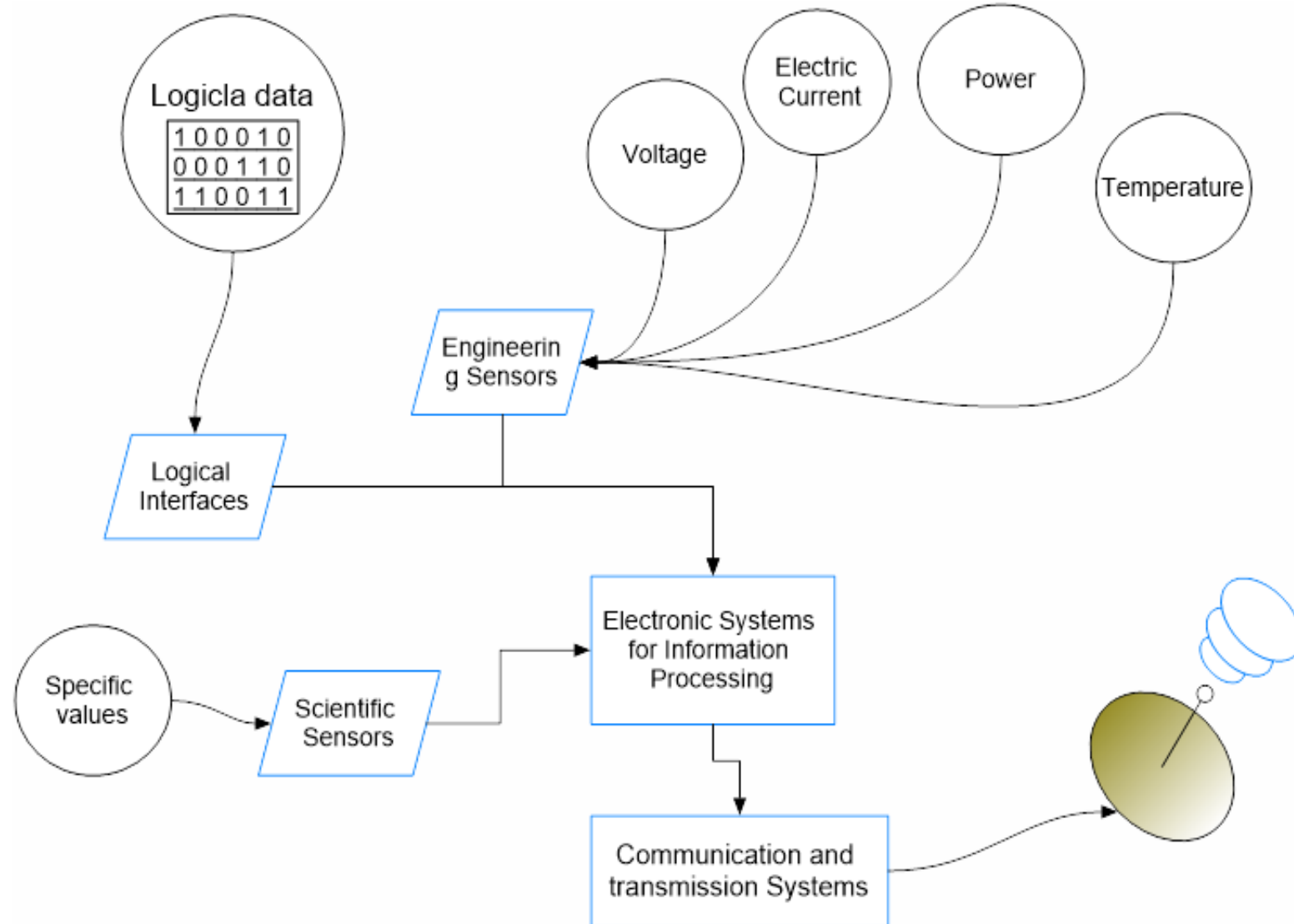
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TOPICS

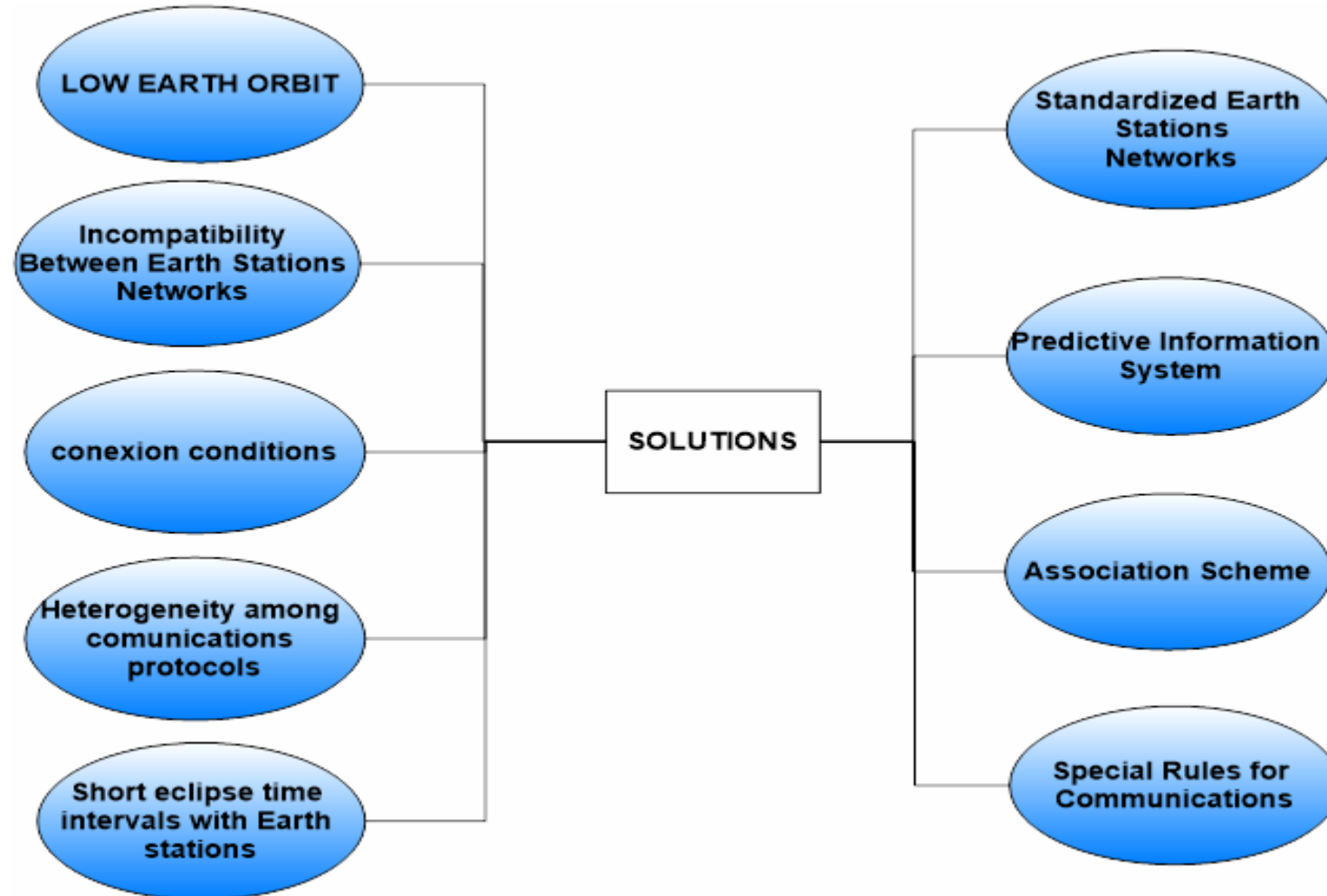
1. TELEMETRY SYSTEMS FOR SATELLITE SYSTEMS.
2. STANDARIZATION FOR SATELLITAL INFORMATION TRANSFER SYSTEMS.
3. UNIVERSIDAD DISTRITAL CUBESAT PROJECT'S TELEMETRY SYSTEM.
4. XTCE DATA BASE FOR CUBESAT-UD TELEMETRY SYSTEM.



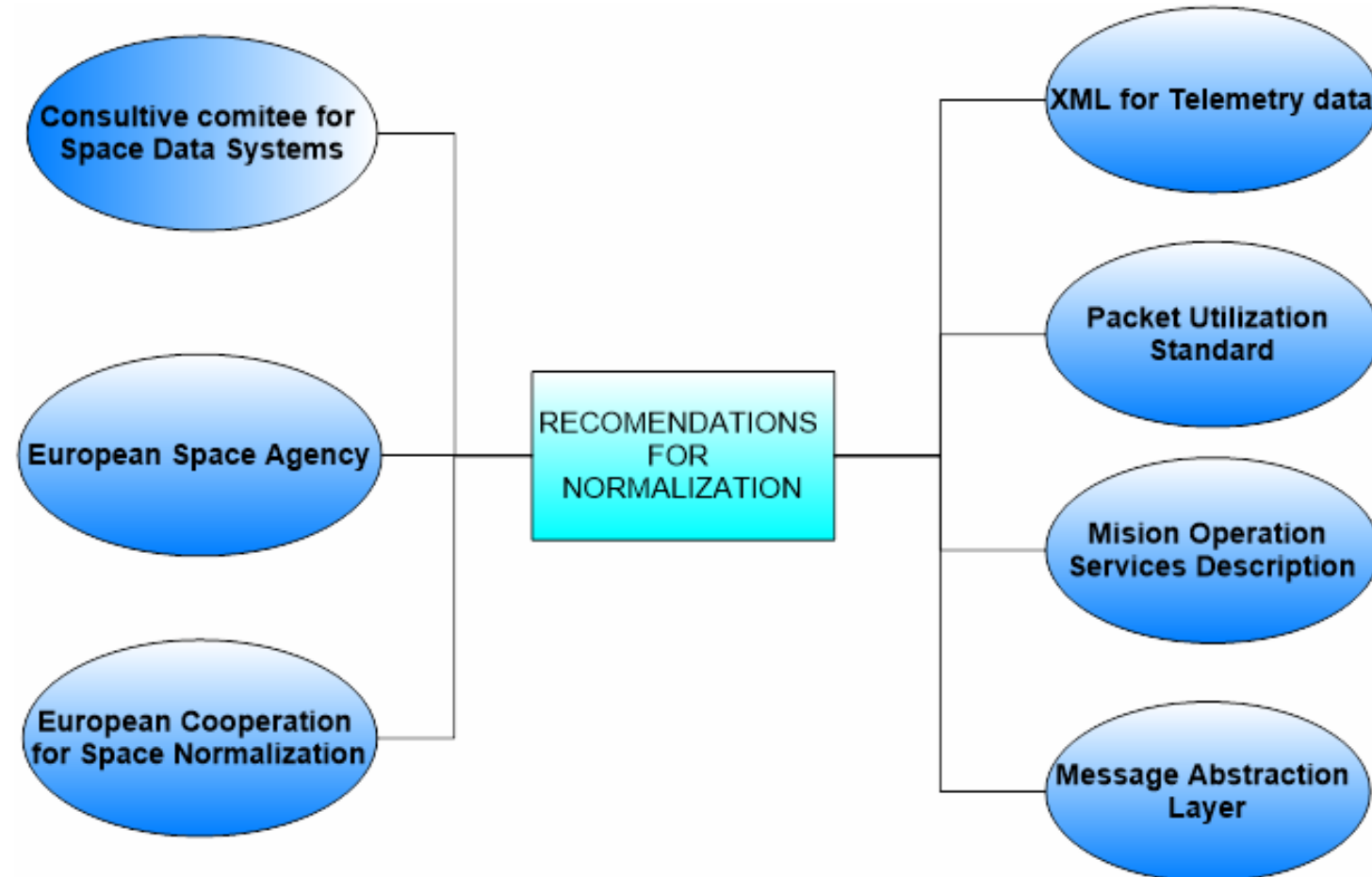
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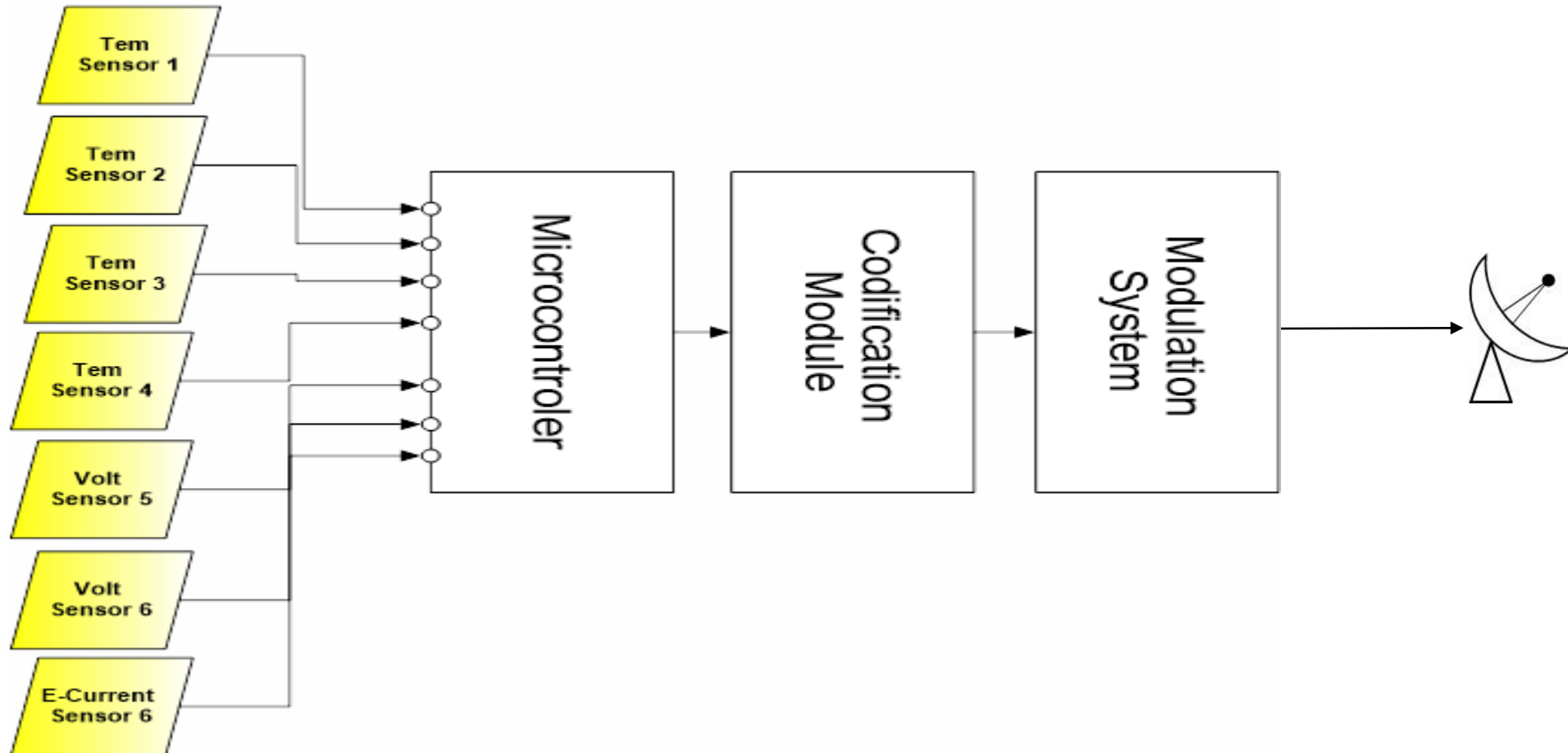
PROBLEMS WITH CUBESATS SATELLITAL TRANSFER INFORMATION SYSTEMS



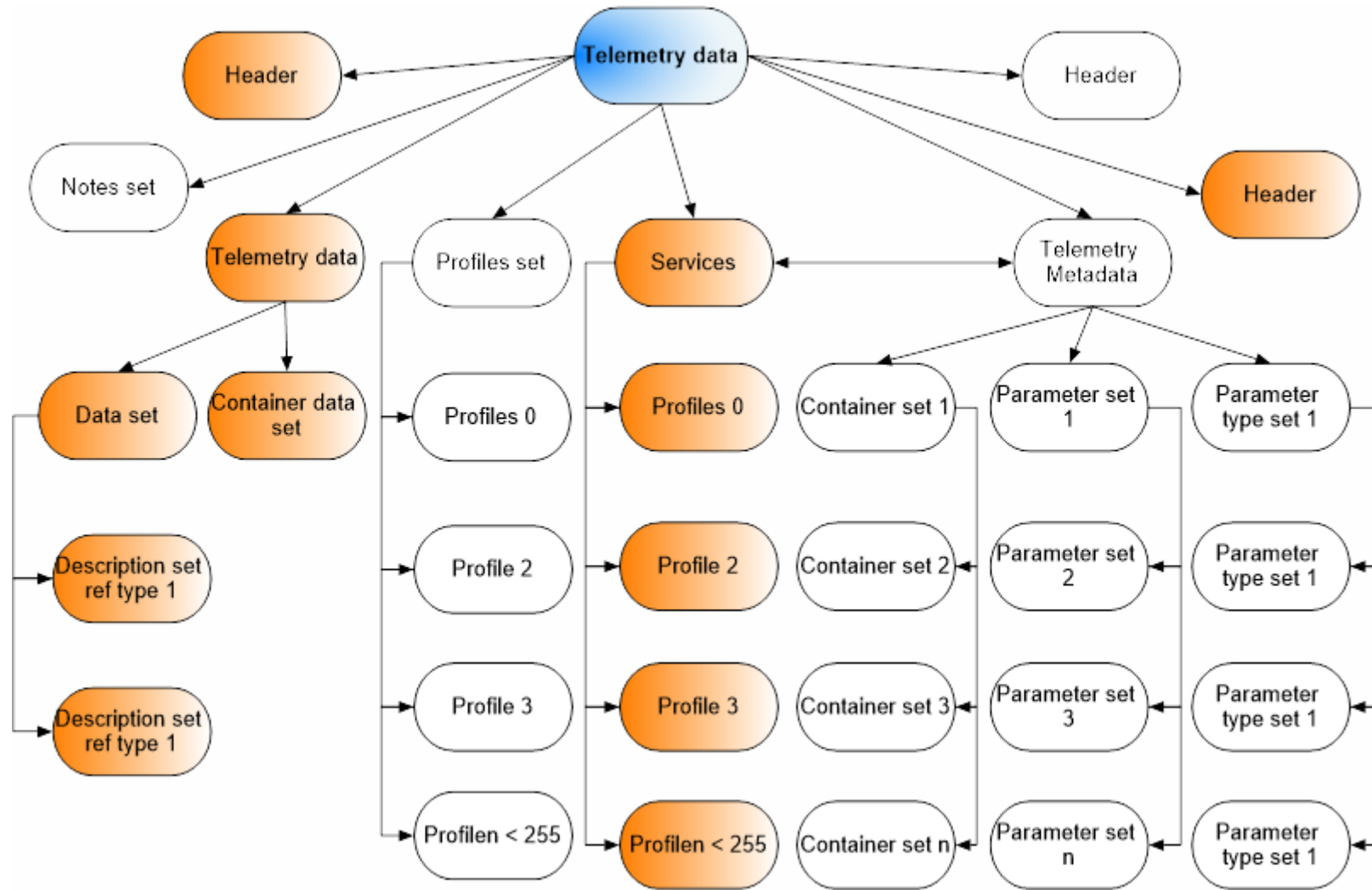
2. STANDARDIZATION FOR SATELLITAL INFORMATION TRANSFER SYSTEMS.



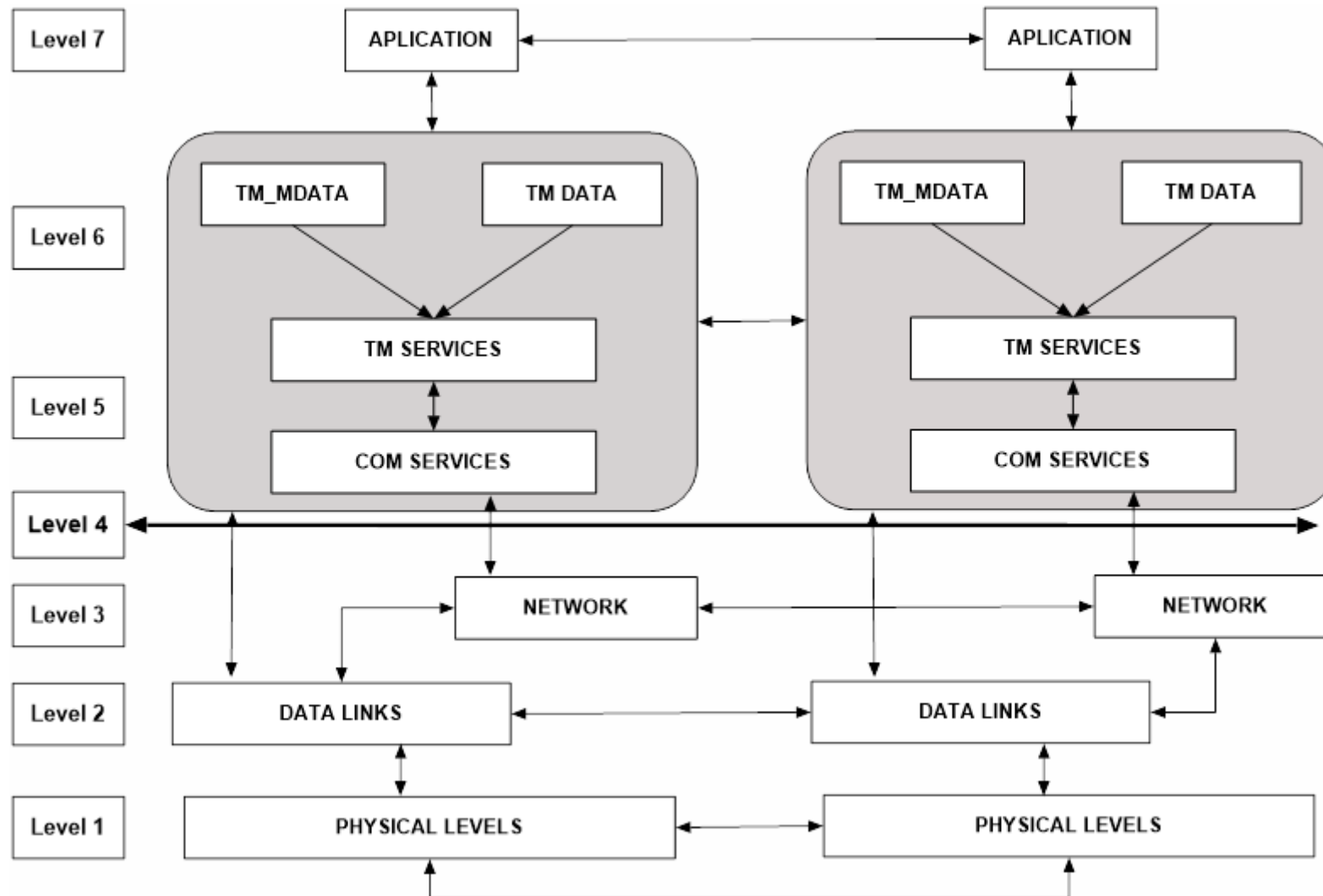
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4. XTCE DATA BASE FOR CUBESAT-UD TELEMETRY SYSTEM.



Information abstraction levels for the database XTCE



Model based on layers for a Telemetry Information System

PROFILE	INFORMATION	DATA	METADATA	PROFILE	INFORMATION	DATA	METADATA
0	BEACON	X	X	7	TLE		X
1	PROFILES	X	X	8	VOLTAGES	X	
2	TIME	X		9	VOLTAGES		X
3	TIME		X	10	CURRENT	X	
4	IDENTIFICATION	X		11	CURRENT		X
5	IDENTIFICATION		X	12	TEMPERATURE	X	
6	TLE	X		13	TEMPERATURE		X



THANK YOU

If you have any question, contact us
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