

Use Case 23: As-built Model Update - KCPL**Summary:**

EMS notification of a new public point object to DFMS

Actor(s):

Name	Role description
Actor 1	Provide a brief description of the role this actor has in this particular use case.
Actor 2	

Probable Participating Systems:

System	Services or information provided
EMS	Legacy ABB-SC EMS that provides SCADA data, AGC, and network applications
DFMS	Computer Aided Dispatch System (CADS) interface to share real-time data

Pre-conditions:

Describe conditions that must exist prior to use case initiation.

Assumptions / Design Considerations:

State any known assumptions, limitations, constraints, or variations that may affect this use case. Consider:

- Timing requirements
- Frequency of use
- Sizing characteristics, etc.

Normal Sequence:

Use Case Step	Description
Step 1	EMS publishes the change of a point as a model changed event. The event contains the PowerSystemResourceName for the DFMS to identify the device with which the point is associated, and the attribute of that device to which the point maps
Step 2	DFMS compares the identified device and /or attribute to the operational model it maintains. If it is a Create event, The DFMS updates its internal MeasurementValue <-> Operational Model Device Attribute mapping table, If it is a Delete event, the DFMS removes the point from its internal MeasurementValue <-> Operational Model Device Attribute mapping table.
Step 3	...
Step N	Step N details

Exceptions / Alternate Sequences:

Describe any alternative actions that may be required that deviate from the normal course of activities. Should the alternate sequence require detailed descriptions, consider creating a new Use Case.

Post-conditions:

Describe conditions that must exist at the conclusion of the use case.

References:

Use Cases referenced by this use case, or other documentation that clarifies the requirements or activities described.

Issues:

ID	Description	Status
1.		

Revision History:

No	Date	Author	Description
0.	7/4/98	P. Brown	

Use Case Diagram: