

Asset Manager – DCIM Integration - Summary Workflow

The following simplified workflow summarizes the integration between the Procurement and Provisioning processes that the integration between Asset Manager (AM) and DCIM provides:

Step	System	Triggering event to move from previous step to current step	Activity	Initiation	Asset Manager Request Line Status updated (1)
1.	AM		Request new device(s) to install in a data center	Manual	
2.	AM	Req. status (seStatus) = Awaiting approval in Asset Manager request detail	Validate the Asset Manager Request	Manual or Workflow, according to your validation processes	
3a.	Connect-It	Req. status (seStatus) = Validated in Asset Manager request detail	<i>Transmits the Asset Manager Request to DCIM (Web Service call)</i>	Connect-It amdcim_provisioning.scn scenario	1. Pending transfer to DCIM
3b.	Connect-It	DCIM Install request created	<i>Adds device records to newly created install request (series of Web Service calls)</i>	Connect-It amdcim_provisioning.scn scenario	2. DCIM provisioning - waiting for devices
4a.	AM	If asset cannot be reserved from stock, click Quote/PO in Asset Manager request detail	Raise Asset Manager Purchase Orders for new devices	Manual	
4b.	AM	When asset is delivered, click Receive in Asset Manager purchase order detail	Receive devices	Manual	3. DCIM provisioning - devices available
4c.	AM	If asset exists in stock, click Reserve in Asset Manager request detail	Reserve devices	Manual	3. DCIM provisioning - devices available
4d.	DCIM	Req. status (seStatus) = Validated in Asset Manager request detail	Provision DCIM Request. (Provisioning process advances <i>in parallel based on the workflow definition</i> : space, storage, power, location assigned...)	Manual	
5..	Connect-It	All assets installable through DCIM are received or reserved (Connect-It checks a few Asset Manager fields to deduce this)	<i>Notifies DCIM that the install can start</i> <i>Transfer Asset tag (AssetTag) from Asset Manager asset to DCIM</i>	Connect-It amdcim_provisioning.scn scenario	4. DCIM waiting for scheduling
6.	DCIM	The DCIM AM_REQUEST_STATUS hidden field is populated (EMAC_Install form)	Schedule installation	Manual	5. Installation scheduled in DCIM
7.	DCIM	The DCIM DBHS_Status field is set to awaiting equipment installation (EMAC_Install form)	Execute DCIM Request. (Engineers can display / print information needed to install devices.)	Manual	
8.	DCIM	Engineer has completed the DCIM Request.	Close DCIM Request	Manual	
9.	Connect-It	The DCIM DBHS_Status field is set to closed (EMAC_Install form)	<i>Sets the Asset Manager Portfolio item Assignment field (seAssignment) to In use</i>	Connect-It amdcim_provisioning.scn scenario	6. Installation complete in DCIM 7. Installation failure in DCIM
10.	DCIM	The DCIM DBHS_Status field is set to closed (EMAC_Install form)	<i>Creates devices in the DCIM Repository database</i>	DCIM automated process	
11.	Connect-It	When the dcmiam_sync.scn Connect-It scenario is executed and finds a new device in the DCIM Repository database	<i>Transmits location of DCIM devices to Asset Manager database</i>	Connect-It dcmiam_sync.scn scenario	

(1) by the amdcim_provisioning.scn Connect-It scenario based on the DCIM Request Status