Feature and Function	GeoWorx® Sync for Maximo® 2.2	Maximo Spatial 7.6 ArcGISDataSync Cron Task	Impact to the Organization
Create Records in Maximo from GIS Records	✓	✓ *requires a change to the editor workflow in GIS to indicate that the record is ready for synchronization to Maximo	Since ArcGIS® doesn't track changes, Utility Organizations would be required to create a process on the GIS side to flag changes to trigger Maximo Spatial to update Maximo. GeoWorx Sync doesn't require this since it does a full compare and discovers what has changed in GIS automatically. GeoWorx Sync does not require any changes to your existing GIS editing workflow.
Create Records in GIS from Maximo Records	✓	✓	
Support for Maximo Classifications and Specification Records	✓	✓	
Support for Default Values	✓	✓	
Support Value List Translation	✓	✓	
Support Calculated Values	✓	✓	
Scheduled Synchronization	✓	✓	
Support Reading from ArcGIS Server Map Services	✓	✓	
Support Reading from and Writing to ArcGIS Server Feature Services	✓	✓	
Support Reading from ArcGIS Online Map Services	✓	✓	
Support Reading from and Writing to ArcGIS Online Feature Services	✓	✓	
Support Updates to Schneider ArcFM™ Feature Layers	✓	✓	
Support Updates to Schneider ArcFM Feature Classes	✓	X	ArcFM places custom objects in the geodatabase. Maximo Spatial cannot edit data in an ArcFM geodatabase directly. GeoWorx Sync utilizes the ArcFM API with an ArcFM license to be able to edit an ArcFM geodatabase.

Link Records in GIS with Maximo Records	✓	X	This is very important for Utility Organizations since there is data currently in both GIS and Maximo that must be linked to establish a common key between the systems. Maximo Spatial does not have the ability to link records.
Monitoring Graphical User Interface	✓	X	This is important for monitoring the synchronization process. GeoWorx Sync includes an easy to use interface for users to configure and monitor the processes.
On Demand Synchronization	✓	X	GeoWorx Sync can be executed on-demand or as a scheduled task. Maximo Spatial only supports execution through a scheduled cron task in Maximo.
Fully Compare GIS Records with Maximo Records (Guaranteed Synchronization)	✓	X	**This is the most important feature of GeoWorx Sync, it guarantees synchronization which is critical for ensuring data integrity across GIS and Maximo. Maximo Spatial simply pushes data between systems based on an identified system of record. There is no data integrity management in Maximo Spatial.
Generate GIS Key Values	✓	X	
Support Non-Spatial GIS Tables (i.e. TransformerUnit)	✓	X	**This is another very important capability in GeoWorx Sync. Non-spatial tables that are related to GIS features can be synchronized with Maximo. The ArcFM model has a non-spatial table for Transformer Units related to a Pole or Transformer Bank feature class. The transformer units can be synchronized with Maximo assets using GeoWorx Sync. This also supports asset change out processes where assets come and go from a location.
Line Split Support	✓	X	GeoWorx Sync contains a function that manages when a linear feature is split in GIS causing duplicate asset IDS.
Support Bidirectional Updates at the Field/Attribute Level	✓	X	**This is another very important feature that allows you to determine, on a field by field basis, which system can update the values. GeoWorx Sync has true bidirectional synchronization which means you can enable data to be modified in GIS, Maximo, or both systems. Maximo Spatial requires you to determine a system of record for all data in a layer because it simply pushes data from the system of record to the target system.

Support Different Create and Update Rules	✓	X	
Support Updates to Related GIS Records	✓	X	
Support Updates to Related Maximo Records	✓	X	
Update Maximo Records when GIS Records Deleted	✓	X	GeoWorx Sync can be configured to change the status of an Asset in Maximo when its associated record is deleted or archived in GIS.
Update Maximo Records when GIS Records Orphaned	✓	X	
Coordinate Transformation Support	✓	X	
Preview Mode	✓	X	This is critical for determining the quality of data represented in Maximo and GIS. GeoWorx Sync can be run in preview mode to determine the discrepancies, duplicates, and orphans between the GIS and Maximo systems. Preview mode means that data is not changed, but a data integrity report is generated to drive data clean up initiatives.
Report Discrepancies Between GIS and Maximo Records	✓	X	This is critical for data integrity
Report Records in GIS with Duplicate Maximo Keys	✓	X	This is critical for data integrity
Report Records in Maximo with No Associated GIS Record (Orphans)	✓	X	This is critical for data integrity
Report Records in GIS with No Associated Maximo Record (Orphans)	✓	X	This is critical for data integrity
Report Records Created and Linked	✓	X	This is critical for data integrity
Report All Updates with Before and After Values	✓	X	This is critical for data integrity and auditing the changes over time.
Report Errors	✓	X	This is critical for data integrity

Report Configuration Warnings	✓	X	This is critical for data integrity
Enable/Disable Individual Rules	✓	X	
Support Updates to Ericsson Network Engineer Feature Classes	✓	X	
Automatically Create Maximo Domains from GIS Domains	X	✓	
Support Different Date/Time Format for Each Attribute/Field Mapping	X	✓	