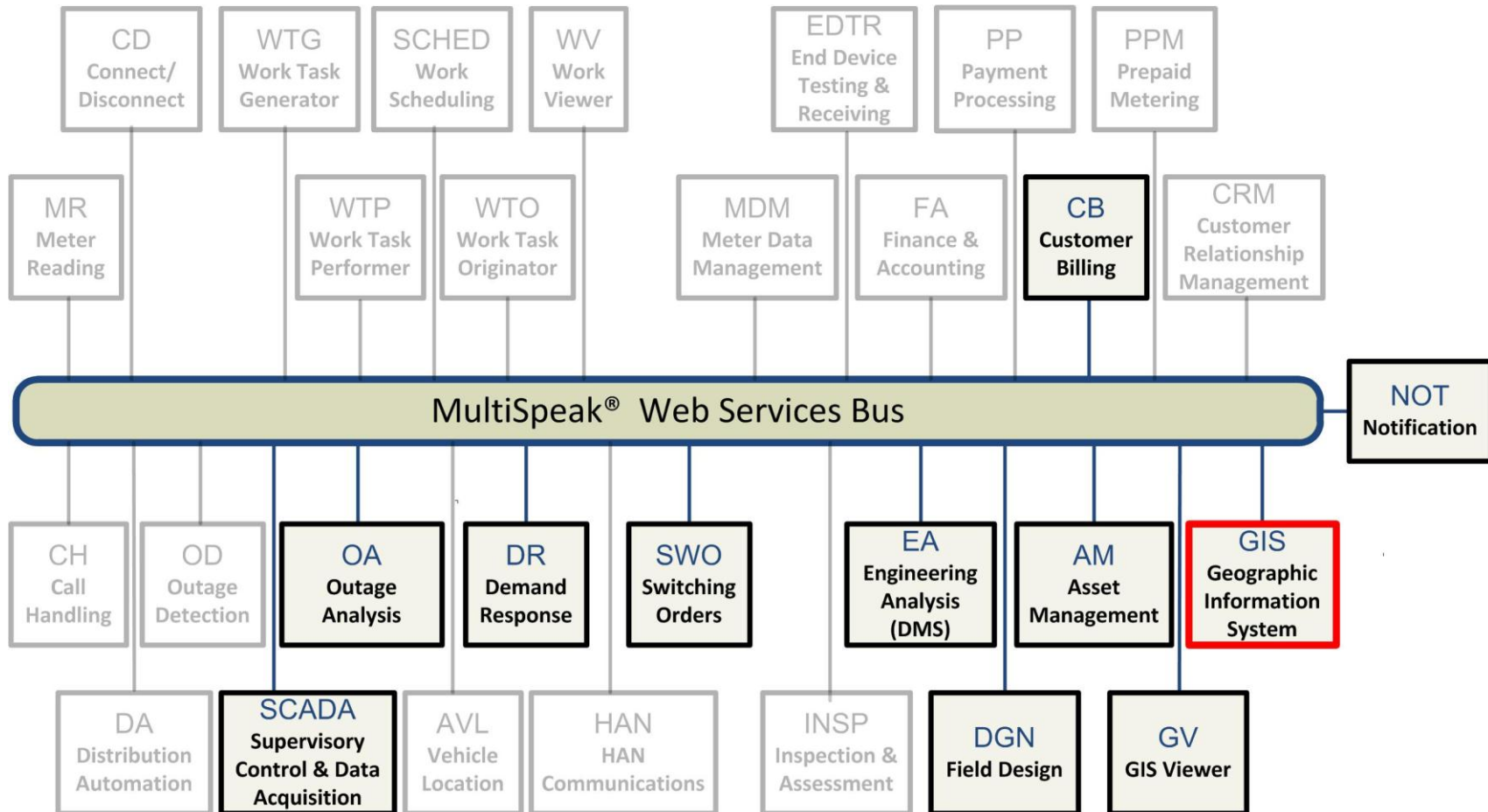


Geographic Information System (GIS) Interface Chart

(Version 4.1.6 Release, August 31, 2012)



Method	GIS-OA	GIS-GV	GIS-CB	GIS-DGN	GIS-EA	GIS-SCADA	GIS-DR	GIS-SWO	GIS-AM	NOT
AVLChangedNotification	OPT									OPT
AccountChangedNotification			OPT							OPT
AddAttachmentToWorkOrder				OPT						OPT
CDDDeviceAddNotification			OPT							OPT
CDDDeviceChangedNotification			OPT							OPT
CDDDeviceExchangeNotification			OPT							OPT
CDDDeviceRemoveNotification			OPT							OPT
CDDDeviceRetireNotification			OPT							OPT
CircuitElementChangedNotification						OPT				OPT
CustomerChangedNotification			REC							OPT
DeleteAttachmentFromWorkOrder				OPT						OPT
GetAllBackgroundGraphics				REC						
GetAllCircuitElements						REC				
GetAllConnectivity	REC				REC					
GetAllPoles			REC						OPT	
GetAllServiceLocationNetwork			REC							
GetAllSpatialFeatureGroups				OPT					OPT	
GetAllTransformerBanks			REC						OPT	
GetAttachment				OPT					OPT	
GetAttachmentList				OPT					OPT	
GetBackgroundGraphicsByBounds				REC					OPT	
GetChildCircuitElements						OPT				
GetChildConnectivity	OPT				OPT					
GetDeviceTreeConnectivity	OPT				OPT					
GetDownlineCircuitElements						OPT				
GetDownlineConnectivity	OPT				OPT					
GetDownlineMeterConnectivity	OPT				OPT					
GetElectricalEquipment	OPT				OPT					
GetFeatureByTypeAndObjectID				REC					OPT	
GetFeatureTypes				REC					OPT	
GetFeaturesByBounds				REC					OPT	
GetFeaturesByType				REC					OPT	
GetFeaturesByTypeAndBounds				REC					OPT	
GetMeterConnectivityByMeterID	OPT				OPT					
GetMeterConnectivityBySubstation	OPT				OPT					
GetModifiedBackgroundGraphics				OPT					OPT	

GetModifiedCircuitElements						OPT				
GetModifiedConnectivity	OPT				OPT					
GetModifiedFeatures				OPT					OPT	
GetModifiedPoles			OPT						OPT	
GetModifiedServiceLocationNetwork			OPT							
GetModifiedSpatialFeatureGroups				OPT					OPT	
GetModifiedTransformerBanks			OPT						OPT	
GetParentCircuitElements						OPT				
GetParentConnectivity	OPT				OPT					
GetPoleByPoleNumber			REC						OPT	
GetServiceLocationNetworkByAccountNumber			REC							
GetServiceLocationNetworkByServiceLocationID			REC							
GetSiblingMeterConnectivity	OPT				OPT					
GetSpatialFeatureGroupByObjectID				OPT					OPT	
GetSpatialFeatureGroupsByBounds				OPT					OPT	
GetSubstationNames	OPT				OPT	OPT				
GetTransformerBankByBankID			REC						OPT	
GetTransformerBankByUnitID			REC						OPT	
GetUplineCircuitElements						OPT				
GetUplineConnectivity	OPT				OPT					
GetUplineMeterConnectivity	OPT				OPT					
LMDeviceAddNotification							OPT			OPT
LMDeviceChangedNotification							OPT			OPT
LMDeviceExchangeNotification							OPT			OPT
LMDeviceRemoveNotification							OPT			OPT
LMDeviceRetireNotification							OPT			OPT
MaterialManagementAssemblyNotification				OPT						OPT
MeterChangedNotification			REC							OPT
ModifyGISDataForPole			OPT							
ModifyGISDataForServiceLocation			OPT							
ModifyGISDataForTransformerBank			OPT							
ModifyGISFeatureData		OPT		OPT						
PoleChangedNotification			REC							OPT
SecurityLightChangedNotification			OPT							OPT
ServiceLocationChangedNotification			REC							OPT
StreetLightChangedNotification			OPT							OPT
SurgeArrestorChangedNotification			OPT						OPT	OPT
SwitchingOrderChangedNotification								OPT		OPT
TrafficLightChangedNotification			OPT							OPT
TransformerBankChangedNotification			REC							OPT
UsageChangedNotification			REC							OPT
WorkOrderChangedNotificationToGIS				REC						OPT

Discovery										
DomainMembersChangedNotification	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	
DomainNamesChangedNotification	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	
GetDomainMembers	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	
GetDomainNames	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT	
GetMethods	REQ	REQ	REQ	REQ	REQ	REQ	REQ	REQ	REQ	REQ
GetPublishMethods	REC	REC	REC	REC	REC	REC	REC	REC	REC	
Subscription and Network Management										
GetRegistrationInfoByID	REC	REC	REC	REC	REC	REC	REC	REC	REC	
RegisterForService	REC	REC	REC	REC	REC	REC	REC	REC	REC	
RequestRegistrationID	REC	REC	REC	REC	REC	REC	REC	REC	REC	
UnregisterForService	REC	REC	REC	REC	REC	REC	REC	REC	REC	
PingURL	REQ	REQ	REQ	REQ	REQ	REQ	REQ	REQ	REQ	REQ

REQ - Inclusion is required for this interface.

REC - Inclusion is recommended for this interface.

OPT - Inclusion is optional for this interface.

Cooperative Energy Services (CES) reserves exclusive discretion to determine the content and definition of MultiSpeak®, a federally registered trademark of the National Rural Electric Cooperative Association (NRECA). Copyright © 2000-2012 CES.