Life Cycle Support Policy - VCGI's Web Map Services

This Life Cycle Support Policy is designed to help communicate to VCGI's users the technical resources available during a service's life span and to provide advanced notification of planned changes to services offered by VCGI.   This document addresses VCGI's policy and plans regarding web services hosted by VCGI using ESRI's ArcGIS Server (AGS) <u>and</u> ArcGIS Online (AGO) platforms.

POLICIES

Support Hours: Support hours are from 7:45 a.m. to 4:30 p.m. Monday through Friday. No weekends. No Holidays.

Service Availability: VCGI strives to meet the following service availability standards.

Availability	% Downtime per year	Downtime per month	Downtime per week
98%	7.30 days	14.4 hours	3.36 hours

Routine Maintenance Notification: VCGI will avoid conducting routine maintenance during core hours and days (7:45 a.m. to 4:30 p.m. Monday through Friday). Notice will only be given for planned disruptions greater than 1 hour. Notices will be sent out on the VGIS-L listserv. Sign up/login to VGIS-L is here.

Removal of Services: VCGI will give 30 days' notice prior to the removal of a service. Notices will be sent out on the VGIS-L listserv prior to such changes.   Thus, users and application developers should subscribe to the VGIS-L listserv. Sign up/login to VGIS-L is here.

Modifications to Services: VCGI assigns version numbers to its services (except those "grand-parented" without a version number). The 1st release of a service is tagged as "v1", with any subsequent versions incremented by 1 (eg: v2) when "substantive changes" is made. The previous version will then be removed per the "Removal of Services" policy above.

- **Substantive Changes**: <u>Removal</u> of objects (feature classes, tables, rasters, relationships) and/or fields associated with these objects from an AGS/AGO Service (including geocoding services). NOTE: Adding fields to an object DOES NOT constitute a substantive change. Data edits to features or attributes DO NOT constitute a substantive change.

Open Data Services: VCGI reserves the right to remove Open Data services or add/update/delete objects from all services listed under Table 3 & 4 <u>without notice</u>. These services are designed to support VT's Open Geodata Portal and therefore have special handling requirements. As a result, VCGI does NOT recommend using VCGI's Open Data Services for web or desktop applications that require access to a predictable service. Use the services listed in Table 1 or 2, which are specifically designed to provide predictable service (services that do not change without notice).

Change Log: VCGI maintains a log of supported service changes (services removed, services modified). *Changes to Open Data Services will not be included in this log*. The log is available here: https://geodata.vermont.gov/pages/changelog

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KEY – Service Status

| TARGETED FOR RETIREMENT |
| NEWLY RELEASED SERVICE |

SERVICES REGISTRY (ArcGIS Server): VCGI's ArcGIS Server web map services*[1] are available at https://maps.vcgi.vermont.gov/arcgis (HTTPS).

Table 1

Release Date	General Availability	Mature Support	Retire Date	Service Name
12/1/2013	X			VCGI_services/VCGI_BASEMAP_SP_v2
12/1/2013	X			VCGI_services/VCGI_BASEMAP_WM_v2
12/1/2013	X			VCGI_services/VCGI_BASEMAP_WM_CACHE_v2
9/15/2023	X			EGC_services/GCS_E911_COMPOSITE_SP_v2
9/15/2023	X			EGC_services/GCS_E911_ESITE_SP_v2
5/1/2013	X			EGC_services/IMG_VCGI_BW1994_2000_SP_NOCACHE
5/1/2013	X			EGC_services/IMG_VCGI_BW2006_2010_SP_NOCACHE
11/1/2015		X	4/30/2024	EGC_services/IMG_VCGI_BW2011_2015_SP_NOCACHE
3/27/2017		X	4/30/2024	EGC_services/IMG_VCGI_BW2016_2020_SP_NOCACHE
2/20/2023		X	4/30/2024	EGC_services/IMG_VCGI_BW2021_2025_SP_NOCACHE
5/1/2013		X	4/30/2024	EGC_services/IMG_VCGI_BW_SP_CACHE
5/1/2013	X			EGC_services/IMG_VCGI_BW_WM_CACHE
11/1/2015	X			EGC_services/IMG_VCGI_CIR2011_2015_SP_NOCACHE
3/27/2017	X			EGC_services/IMG_VCGI_CIR2016_2020_SP_NOCACHE
2/20/2023	X			EGC_services/IMG_VCGI_CIR2021_2025_SP_NOCACHE
9/19/2018	X			EGC_services/IMG_VCGI_CIR_SP_CACHE
9/19/2018	X			EGC_services/IMG_VCGI_CIR_WM_CACHE
11/1/2015	X			EGC_services/IMG_VCGI_CLR2011_2015_SP_NOCACHE
2/1/2017		X	4/30/2024	EGC_services/IMG_VCGI_CLR2016_SP_CACHE
2/1/2017		X	4/30/2024	EGC_services/IMG_VCGI_CLR2016_WM_CACHE

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[1] All web services listed are supported under this VCGI Life Cycle Policy. All other VCGI web map services discovered by users on our ArcGIS Server instance are not explicitly supported by this policy.

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6/1/2018		X	4/30/2024	EGC_services/IMG_VCGI_CLR2017_SP_CACHE
6/1/2018		X	4/30/2024	EGC_services/IMG_VCGI_CLR2017_WM_CACHE
1/7/2019		X	4/30/2024	EGC_services/IMG_VCGI_CLR2018_SP_CACHE
1/7/2019		X	4/30/2024	EGC_services/IMG_VCGI_CLR2018_WM_CACHE
2/20/2020		X	4/30/2024	EGC_services/IMG_VCGI_CLR2019_SP_CACHE
2/20/2020		X	4/30/2024	EGC_services/IMG_VCGI_CLR2019_WM_CACHE
3/15/2021		X	4/30/2024	EGC_services/IMG_VCGI_CLR2020_SP_CACHE
3/15/2021		X	4/30/2024	EGC_services/IMG_VCGI_CLR2020_WM_CACHE
3/27/2017	X			EGC_services/IMG_VCGI_CLR2016_2020_SP_NOCACHE
3/1/2022	X			EGC_services/IMG_VCGI_CLR2021_SP_CACHE
3/1/2022	X			EGC_services/IMG_VCGI_CLR2021_WM_CACHE
2/20/2023	X			EGC_services/IMG_VCGI_CLR2022_SP_CACHE
2/20/2023	X			EGC_services/IMG_VCGI_CLR2022_WM_CACHE
3/19/2023	X			EGC_services/IMG_VCGI_CLR2023_SP_CACHE
3/19/2023	X			EGC_services/IMG_VCGI_CLR2023_WM_CACHE
2/20/2023	X			EGC_services/IMG_VCGI_CLR2021_2025_SP_NOCACHE
5/1/2013	X			EGC_services/IMG_VCGI_CLR_SP_CACHE
5/1/2013	X			EGC_services/IMG_VCGI_CLR_WM_CACHE
5/1/2017	X			EGC_services/IMG_VCGI_LIDARASPECTSYM_SP_NOCACHE_v1
4/5/2017	X			EGC_services/IMG_VCGI_LIDARDEM_SP_NOCACHE_v1
1/1/2019	X			EGC_services/IMG_VCGI_LIDARDSM_SP_NOCACHE_v1
1/1/2019	X			EGC_services/IMG_VCGI_LIDARDSMHILLSHD_SP_CACHE_v1
4/5/2017	X			EGC_services/IMG_VCGI_LIDARHILLSHD_SP_CACHE_v1
4/5/2017	X			EGC_services/IMG_VCGI_LIDARHILLSHD_WM_CACHE_v1
12/20/2020	X			EGC_services/IMG_VCGI_LIDARNDSM_WM_CACHE_v1
5/1/2017	X			EGC_services/IMG_VCGI_LIDARSLOPE_SP_NOCACHE_v1
5/1/2017	X			EGC_services/IMG_VCGI_LIDARSLOPESYM_SP_NOCACHE_v1
5/1/2013	X			EGC_services/IMG_VCGI_NAIP_SP_NOCACHE
7/21/2017		X	4/30/2024	EGC_services/MAP_VCGI_ALLIMAGERYBW_SP_NOCACHE_v1
7/21/2017		X	4/30/2024	EGC_services/MAP_VCGI_ALLIMAGERYCIR_SP_NOCACHE_v1
7/21/2017		X	4/30/2024	EGC_services/MAP_VCGI_ALLIMAGERYCLR_SP_NOCACHE_v1
7/21/2017		X	4/30/2024	EGC_services/MAP_VCGI_ALLIMAGERYBW_WM_NOCACHE_v1
7/21/2017		X	4/30/2024	EGC_services/MAP_VCGI_ALLIMAGERYCIR_WM_NOCACHE_v1

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7/21/2017	X			EGC_services/MAP_VCGI_ALLIMAGERYCLR_WM_NOCACHE_v1
9/11/2019	X			EGC_services/MAP_VCGI_BUILDINGS_WM_CACHE_v1
5/1/2013		X	4/30/2024	EGC_services/MAP_VCGI_CONTOURS_SP_CACHE
5/1/2013	X			EGC_services/MAP_VCGI_CONTOURS_WM_CACHE
5/1/2013	X			EGC_services/MAP_VCGI_HILLSHDPLUS_WM_CACHE
6/1/2018	X			EGC_services/MAP_VCGI_LIDARCONTOURS_SP_CACHE_v1
1/3/2019	X			EGC_services/MAP_VCGI_LIDARCONTOURS_WM_CACHE_v1
5/1/2013		X	9/10/2024	EGC_services/MAP_VCGI_USTOPO_SP_CACHE
5/1/2013		X	9/10/2024	EGC_services/MAP_VCGI_USTOPO_WM_CACHE

KEY – Service Status
TARGETED FOR RETIREMENT
NEWLY RELEASED SERVICE

SERVICES REGISTRY (ArcGIS Online): Includes Feature Services[2] (FS_*), Vector Tile Services (VECTOR_*), and Image/Raster Tile Services (IMG_*).
NOTE: VCGI only supports the AGO services listed below. Discovery and use of any other VCGI AGO services are unsupported under the provisions of this policy.

Table 2

Release Date	General Availability	Mature Support	Retired	Service Name
10/5/2021	X			FS_VCGI_LIDARFLIGHTLINES_SP_v1
12/1/2020	X			FS_VCGI_VTPARCELS_WM_NOCACHE_v2
10/1/2019	X			VECTOR_VCGI_AGRICULTURE2016_WM_v1
10/5/2021	X			VECTOR_VCGI_BATHYMETRY_WM_v1
8/19/2019	X			VECTOR_VCGI_BUILDINGS_WM_v1
3/30/2022	X			VECTOR_VCGI_CN1TGEN_WM_v1
6/1/2022	X			IMG_VCGI_FLOODINUNDATION_WM_v1
10/1/2019	X			VECTOR_VCGI_SHRUBLANDS2016_WM_v1
8/19/2019	X			VECTOR_VCGI_TREECANOPY2016_WM_v1
10/1/2019	X			VECTOR_VCGI_WETLANDS2016_WM_v1
6/14/2023	X			VECTOR_VCGI_IMPERVIOUS2016_WM_v2
6/14/2023	X			IMG_VCGI_BASELANDCOVER2016_WM_v1
6/14/2023	X			IMG_VCGI_IMPERVIOUS2016_WM_v1
4/10/2023	X			FS_VCGI_ACT174CONSTRAINTS_SP_v2022
4/10/2023	X			IMG_VCGI_ROOFTOPASR_WM_v1
4/10/2023	X			VECTOR_VCGI_ACT174KNOWNCONSTRAINTS_WM_v2022
4/10/2023	X			VECTOR_VCGI_ACT174POSSIBLECONSTRAINTS_WM_v2022
6/22/2023	X			VECTOR_VCGI_BASELANDCOVER2016_WM_v1

[2] Feature Services (FS) are available as an ArcGIS Online Feature Service/Layer (FS) and OGC Web Feature Service (OGC WFS) from
https://services1.arcgis.com/BkFxaEFNwHqX3tAw/arcgis/rest/services/

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KEY – Service Status
TARGETED FOR RETIREMENT
NEWLY RELEASED SERVICE

SERVICES REGISTRY (Open Data): VCGI's Open Data services*[3] have special life cycle policy provisions and should be used with caution. VCGI reserves the right to remove Open Data services or add/update/delete objects from all services listed under Table 3 & 4 without notice. These services are designed to support VT's Open Geodata Portal and therefore have special handling requirements. As a result, VCGI does NOT recommend using VCGI's Open Data Services for web or desktop applications that require access to a predictable service. Use the services listed in Table 1 or 2, which are specifically designed to provide predictable service (services that do not change without notice; see "POLICIES" section for details).

Table 3 – ArcGIS Server Services: VCGI reserves the right to remove Open Data services or add/update/delete objects from all services listed under Table 3 without notice.

Release Date	General Availability	Mature Support	Retired	Service Name
1/2/2017	X			EGC_services/OPENDATA_VCGI_AGRICULTURE_SP_NOCACHE_v1
1/2/2017	X			EGC_services/OPENDATA_VCGI_BASEMAPS_SP_NOCACHE_v1
1/2/2017	X			EGC_services/OPENDATA_VCGI_BOUNDARIES_SP_NOCACHE_v1
1/2/2017	X			EGC_services/OPENDATA_VCGI_CADASTRAL_SP_NOCACHE_v1
1/2/2017	X			EGC_services/OPENDATA_VCGI_DEMOGRAPHIC_SP_NOCACHE_v1
1/2/2017	X			EGC_services/OPENDATA_VCGI_ECOLOGIC_SP_NOCACHE_v1
1/2/2017	X			EGC_services/OPENDATA_VCGI_ECONOMIC_SP_NOCACHE_v1
1/2/2017	X			EGC_services/OPENDATA_VCGI_ELEVATION_SP_NOCACHE_v1
1/2/2017	X			EGC_services/OPENDATA_VCGI_EMERGENCY_SP_NOCACHE_v1
1/2/2017	X			EGC_services/OPENDATA_VCGI_ENVIRONMENT_SP_NOCACHE_v1
1/2/2017	X			EGC_services/OPENDATA_VCGI_FACILITIES_SP_NOCACHE_v1
1/2/2017	X			EGC_services/OPENDATA_VCGI_GEODETIC_SP_NOCACHE_v1
1/2/2017	X			EGC_services/OPENDATA_VCGI_GEOLOGIC_SP_NOCACHE_v1
1/2/2017			8/16/2023	EGC_services/OPENDATA_VCGI_HEALTH_SP_NOCACHE_v1
1/2/2017	X			EGC_services/OPENDATA_VCGI_LANDUSE_SP_NOCACHE_v1
1/2/2017	X			EGC_services/OPENDATA_VCGI_RECREATION_SP_NOCACHE_v1

[3] These services support the VT Open Geodata Portal (https://geodata.vermont.gov).

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1/2/2017			8/18/2023	EGC_services/OPENDATA_VCGI_TRANSPORTATION_SP_NOCACHE_v1
1/2/2017	X			EGC_services/OPENDATA_VCGI_UTILITIES_SP_NOCACHE_v1
1/2/2017	X			EGC_services/OPENDATA_VCGI_WATER_SP_NOCACHE_v1
6/15/2023	X			VCGI_services/OPENDATA_TileIndexes_WM_NOCACHE_v1

Table 4 – ArcGIS Online Services: VCGI reserves the right to remove Open Data services or add/update/delete objects from all services listed under Table 4 without notice.

Release Date	General Availability	Mature Support	Retired	Service Name
2/1/2022	X			FS_VCGI_OPENDATA_Boundary_BNDHASH_line_SP_v1
2/1/2022	X			FS_VCGI_OPENDATA_Boundary_BNDHASH_poly_counties_SP_v1
2/1/2022	X			FS_VCGI_OPENDATA_Boundary_BNDHASH_poly_lepc_SP_v1
2/1/2022	X			FS_VCGI_OPENDATA_Boundary_BNDHASH_poly_rpcs_SP_v1
2/1/2022	X			FS_VCGI_OPENDATA_Boundary_BNDHASH_poly_towns_SP_v1
2/1/2022	X			FS_VCGI_OPENDATA_Boundary_BNDHASH_poly_villages_SP_v1
2/1/2022	X			FS_VCGI_OPENDATA_Boundary_BNDHASH_poly_vtbnd_SP_v1
12/1/2021	X			FS_VCGI_OPENDATA_Cadastral_VTPARCELS_poly_DataStatus_SP_v1
12/1/2021	X			FS_VCGI_OPENDATA_Cadastral_VTPARCELS_poly_standardized_inactive_SP_v1
12/1/2021	X			FS_VCGI_OPENDATA_Cadastral_VTPARCELS_poly_standardized_parcels_SP_v1
12/1/2021	X			FS_VCGI_OPENDATA_Emergency_ALPINELIFTS_line_SP_v1
12/1/2021	X			FS_VCGI_OPENDATA_Emergency_DW_line_SP_v1
12/1/2021	X			FS_VCGI_OPENDATA_Emergency_ESITE_point_SP_v1
12/1/2021	X			FS_VCGI_OPENDATA_Emergency_ESZ_poly_SP_v1
12/1/2021	X			FS_VCGI_OPENDATA_Emergency_FOOTPRINTS_poly_SP_v1
12/1/2021	X			FS_VCGI_OPENDATA_Emergency_HYDRANTS_point_SP_v1
12/1/2021	X			FS_VCGI_OPENDATA_Emergency_JBOUND_poly_SP_v1
12/1/2021	X			FS_VCGI_OPENDATA_Emergency_LANDMARKS_point_SP_v1
12/1/2021	X			FS_VCGI_OPENDATA_Emergency_RDS_line_SP_v1
12/1/2021	X			FS_VCGI_OPENDATA_Emergency_SHEETS_poly_SP_v1
12/1/2021	X			FS_VCGI_OPENDATA_Emergency_TRAILS_line_SP_v1
12/1/2021	X			FS_VCGI_OPENDATA_TABLE_E911_GEONAMES_SP_v1

12/1/2021	X			FS_VCGI_OPENDATA_Trans_PUBLICTRANS_line_routes_SP_v1
12/1/2021	X			FS_VCGI_OPENDATA_Trans_PUBLICTRANS_point_stops_SP_v1
3/15/2022	X			FS_VCGI_OPENDATA_Water_VHDCARTO_line_SP_v1
3/15/2022	X			FS_VCGI_OPENDATA_Water_VHDCARTO_poly_SP_v1
6/28/2022	X			FS_VCGI_OPENDATA_TABLE_GEOCODES_COMMCODE_v1
4/10/2023	X			FS_VCGI_OPENDATA_ROOFTOPSOLARPOTENTIAL_SP_v1
4/10/2023	X			FS_VCGI_OPENDATA_TOWNROOFTOPSOLAR_SP_v1

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