

VT Open GeoData Portal

Request for Information

Prepared By: VT Center for Geographic Information, Inc.
Document Version: FINAL v2.2
Date: 4/11/2014



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1 EXECUTIVE SUMMARY

The VT Center for Geographic Information (VCGI) currently hosts a VT Open GeoData Portal¹ (herein referred to as the GeoData Portal) which allows users to access and use geospatial information and services. The current GeoData Portal is over a decade old, and lacks the capabilities and functionality that end users and publishers need and expect. This project endeavors to build a modern VT Open GeoData Portal that supports the needs of users and publishers inside and outside of VT State Government. The project is being coordinated by the State’s Enterprise GIS Consortium (EGC) with VCGI as the lead organization and product owner. This Request for Information (RFI) is designed to gather information from geospatial technology providers outside of state government regarding the development of a VT Open GeoData Portal. The results of the RFI may or may not lead to the release of a Request for Proposals (RFP).

¹ <http://vcgi.vermont.gov/warehouse>

2 OVERVIEW OF ORGANIZATION

In 1994 VT Act 204 (10 VSA Chapter 8) established the Vermont Center for Geographic Information, Inc (VCGI). VCGI is a non-profit public corporation (501c(4)) charged with the development and implementation of a comprehensive strategy for the Vermont Geographic Information System (VGIS). Further, VCGI is charged with ensuring that all data gathered by state that is relevant to the VGIS shall be in a form that is compatible with, useful to, and shared with that geographic information system.

The storage and distribution of free digital geographic data created by members of the VT GIS community are two of the most important tasks that VCGI performs. VCGI built and currently hosts VT's existing Open GeoData Portal (<http://vcgi.vermont.gov/warehouse>), where users can find and download freely available GIS data and imagery.

VCGI also does the following:

- Works collaboratively with state, regional, and municipal organizations to advance the use of geographic information and related technology.
- Assists agencies/organizations with the development of RFPs, project scoping, and basic GIS-related consultation.
- Develops GIS data standards, guidelines, and procedures for the State of VT.
- Develops and assists in the development of essential statewide databases for VT.
- Develops and hosts interactive map applications to increase the public's access to information.
- Performs outreach and training to current and potential GIS users.

VCGI currently co-chairs Vermont's Enterprise GIS Consortium (EGC). The EGC is a voluntary consortium of state government organizations (and external partners) focused on effective management of State's Enterprise Geographic Information System (GIS). The EGC was chartered² by the State of Vermont in August 2008, culminating a yearlong strategic planning effort managed by the Enterprise GIS Taskforce³ (EGT). The EGC has established a realistic and effective Enterprise GIS Strategic Plan⁴; a vision and a plan that supports a wide range of needs within and outside of state government. The Plan is an important part of the state's '*comprehensive strategy*' for the development and use of Vermont's Geographic Information System (VGIS)⁵. The VGIS represents a broad spectrum of geospatial activities and constituencies throughout the state of Vermont, including academic, town, regional, non-profit, state, private sector, and the general public.

² [EGC Charter 2008A final.pdf](#)

³ The EGT has been replaced by the EGC.

⁴ [EnterpriseGIS_SP_v2008A.pdf](#)

⁵ Vermont Statute (Title 10 VSA - Chapter 8 § 121)

3 PROJECT OVERVIEW

The VT Center for Geographic Information (VCGI) currently hosts a VT Open GeoData Portal (herein referred to as the GeoData Portal) which allows users to access and use geospatial information and services. This project endeavors to build a new VT Open GeoData Portal that recognizes industry best practices, anticipates technology developments and supports the needs of users and publishers. The State’s Enterprise GIS Consortium (EGC) has established an EGC Open Data Workgroup (herein referred to as the EGC Workgroup) to help coordinate this project with VCGI.

Strategic Alignment: This project aligns with several strategic objectives.

- **State’s Enterprise GIS Strategic Plan⁶:**
 - Objective 8: Catalogue geospatial datasets developed by VT state agencies.
 - Objective 10: Coordinate the distribution of data for VT state agencies.
- **VCGI’s Strategic Plan⁷:**
 - Objective 1: VCGI is the recognized clearinghouse for GIS data in the state.

Project Vision and Goals: VCGI and the EGC Workgroup have established the following vision and goals for a VT Open GeoData Portal.

Vision Statement: Connecting publishers and consumers in a user-driven portal that facilitates finding, exploring, contributing, and consuming geospatial information.

Goals:

- Build a VT Open GeoData Portal that meets the needs of users and publishers, both inside and outside of State government.
- Build a VT Open GeoData Portal that provides open access to geospatial data and web services.
- Build a VT Open GeoData Portal that interoperates with VT’s Open Data Portal (under development) and other Open Data portals (eg: data.gov) using standard open data protocols.

Stakeholders: There are four major groups of stakeholders; 1) Users 2) Publishers 3) Administrators, and 4) Owner.

- **Users:** These stakeholders represent “consumers” of geospatial information. Examples include (but are not limited to)
 - Basic user looking for geographic information
 - Software Developers (web/mobile/desktop)
 - GIS Specialists/Analysts
 - IT Specialists/Analysts
 - Cartographers (map makers)
 - Surveyors

⁶ https://outside.vermont.gov/sites/egcgeo/Documents/EnterpriseGIS_SP_v2008A.pdf

⁷ <http://vcgi.vermont.gov/sites/vcgi/files/aboutvcgi/Strategic%20Plan%202012%20Final.pdf>

- **Publishers:** These stakeholders represent those who “publish” geospatial information. Anyone can request to be a Publisher as long as they agree to comply with established data publishing policies for VT’s Open GeoData Portal.
- **Administrators:** The stakeholders represent those who “administer” VT’s Open GeoData Portal. VCGI is the administrator of VT’s Open GeoData Portal, with oversight provided by the VT Enterprise GIS Consortium (EGC).
- **Owner:** This stakeholder group represents the “owner” of VT’s Open GeoData Portal. VCGI is the owner of VT’s Geospatial Data Warehouse.

Stakeholder Groupings: Stakeholders can be loosely grouped into one or more of the following

- General public
- Private sector (private companies)
- Public sector (local, state and federal government)
- Non-profit sector
- Academic sector (educational institutions)

Stakeholder Representatives: The EGC is the coordinating body for this project, with VCGI as the lead organization and product owner. The EGC has established an EGC Open Data Workgroup to spearhead this initiative. The EGC has representatives from nearly every State agency. The needs and interests of State agencies are represented by their EGC member representatives. The EGC has also engaged stakeholders outside of State government, including Regional Planning Commissions (VAPDA representative), the University of Vermont, and the private sector.

The table below shows the activities of the EGC Open Data Workgroup that were accomplished prior to the release of this RFI. Documentation of the activities of the EGC Workgroup is available on the Workgroup page of the Vermont Geopoint GIS Portal.⁸ It is recommended that the potential responder review this documentation to orient themselves to the work that has already been done by the Workgroup.

Accomplishments to Date: The EGC’s Open Data Workgroup has accomplished the following

Project Milestones	Date
Kickoff Meeting – EGC Workgroup	May 2013
Drafted Project Charter	June 2013
Identified Requirements (Ranked by Priority) & Defined Target Audience	Sept 2013
Completed Competitive Analysis	Oct 2013
Evaluated COTS Solutions and Software Platforms. Tested top candidates (Socrata, CKAN, GeoPortal Server ⁹)	March 2014

⁸ <https://outside.vermont.gov/sites/egcgeo/opendatawg/default.aspx>

⁹ Testing not fully complete.

4 OVERVIEW OF CURRENT IT ENVIRONMENT

VCGI and the State of Vermont have made significant investments in the deployment and use of Geospatial Information Technology (GIT). VCGI has numerous servers and workstations supporting the development, management, and distribution of geospatial data and services. Most agencies and departments within State government have GIT investments. VCGI, and many of the other GIT environments, are deployed within the State’s “Private Cloud”¹⁰. VCGI, in collaboration with the State Enterprise GIS Consortium (EGC), has developed and deployed a suite of “enterprise GIS services”¹¹ that support the needs of users inside and outside of State government.

VCGI’s current IT environment consists of the following:

- Database Servers:¹² production and development - MS SQL Server 2008 R2 + ESRI ArcSDE 10.1
- GIS Web Servers: production and development – ESRI ArcGIS Server 10.1
- DMZ Servers: production and development – act as proxy servers for GIS Web Servers
- File/Print Server: primary and backup domain control for VCGI’s office network, including file print services. This server is hosted at VCGI’s office outside of the State’s “Private Cloud”.

¹⁰ <http://dii.vermont.gov/service-catalog/ea/edas>

¹¹ <https://outside.vermont.gov/sites/egcgeo/Pages/EnterpriseServices.aspx>

¹² All servers are “virtual machines” within the State’s “Private Cloud” managed by the VT Department of Information and Innovation (DII). All are running Windows Servers 2008 R2.

5 RFI REQUIREMENTS AND PROCESS

This Section describes the RFI schedule and procedures.

5.1 RFI SCHEDULE

RFI key dates are the following:

April 14, 2014: 1PM EST	RFI made available to the Responders
April 28, 2014: 3PM EST	Deadline for submitting questions
May 5, 2014: 3PM EST	VCGI response to all questions
May 19, 2014: 3PM EST	Deadline for receiving submissions (all material)

5.2 RFI RELATED QUESTIONS / CLARIFICATIONS

All questions related to this RFI should be emailed to steves@vcgi.org by April 28, 2014: 3PM EST. All questions and associated responses will be made publicly available by May 5, 2014: 3PM EST on VCGI’s website.

Steve Sharp
 Director of enterprise GIS Services
 VT Center for Geographic Information
 58 S. Main St, Suite 2
 Waterbury, VT 05676
steves@vcgi.org
 802-882-3006

5.3 SUBMISSIONS IN RESPONSE TO RFI

Responders must ensure that their submissions are delivered in duplicate and received at the following address before the submission closing date May 19, 2014: 3PM EST.

David Brotzman
 Executive Director
 VT Center for Geographic Information
 58 S. Main St, Suite 2
 Waterbury, VT 05676

Please clearly mark the delivery envelope as being a submission for the VT Open GeoData Portal RFI to ensure proper handling.

5.4 RFI TERMS & CONDITIONS

The following terms and conditions apply to this RFI and all responses to this RFI.

5.4.1 Liabilities of Organization

This RFI is only a request for information about potential products / services and no contractual obligation on behalf of the VCGI or the State of Vermont whatsoever shall arise from the RFI process.

This RFI does not commit VCGI or the State of Vermont to pay any cost incurred in the preparation or submission of any response to the RFI.

5.4.2 Confidentiality

All responses/submissions to this RFI will become the property of VCGI and the State of Vermont and will become publically available on VCGI's website after the review period. As a result, Responders to this RFI cannot claim and/or request that their submissions or material remain confidential.

6 REQUIREMENTS

6.1 FUNCTIONAL REQUIREMENTS

The VT Open GeoData Portal must support the following User, Publisher, Administrator/Owner requirements (articulated as “user stories” below).

- *NOTE:* This list is limited to “High” and “Medium” priority requirements. “Low” priority requirements are listed in *Section 8 – OPTIONAL REQUIREMENTS - APPENDIX II.*

User Stories

ID	EGC Priority	Story - Requirement
1	1-High	As a User, I want "authoritative" datasets to be discoverable and clearly identified.
2	1-High	As a User, I want a browser-based Data Warehouse solution that does not require a browser plug-in.
4	1-High	As a User, I want a robust and easy-to-use search engine to help me find the geospatial data, web services, and web/mobile/desktop applications.
6	1-High	As a User, I want access to aerial photos (eg: VT orthos) with no downloading required (ie: as a web service).
12	1-High	As a User, I want access to historical aerial photos.
13	1-High	As a User, I want access to imagery organized by year (whether for download or web service).
14	1-High	As a User, I want access to VT GIS data layers with no downloading required (ie: as a web service).
18	1-High	As a User, I want data and imagery downloads to include embedded metadata.
19	1-High	As a User, I want metadata that is easy to read with a quick way to get to attribute descriptions and attribute codes.
26	1-High	As a User, I want to download aerial photos (eg: VT orthos) so I can use them on my computer.
30	1-High	As a User, I want to download VT GIS data layers and imagery (aerial photos) only for a particular area that I specify (eg: clip & zip).
31	1-High	As a User, I want to download VT GIS data layers in ESRI file geodatabase format.
32	1-High	As a User, I want to download VT GIS data layers in ESRI shapefile format.
5	2-Medium	As a User, I want access to "help" resources and media (such as YouTube videos) on how to use GIS data, web services, web applications, products (eg: layer package), and tools (eg: scripts and geoprocessing tools).
7	2-Medium	As a User, I want access to data and web services which are openly available in a manner consistent with OpenDefinition.org's definition .
8	2-Medium	As a User, I want access to data standards and data templates for download.

9	2-Medium	As a User, I want access to ESRI layerfile packages.
10	2-Medium	As a User, I want access to ESRI layerfiles (symbology) used to render GIS data layers.
11	2-Medium	As a User, I want access to historical "snapshots" of VT GIS data.
15	2-Medium	As a User, I want all data that I find to be available for download (not just a link to an external website).
16	2-Medium	As a User, I want all of the data to have the good metadata and keyword tagging.
20	2-Medium	As a User, I want more format/projection options when downloading.
21	2-Medium	As a User, I want the "posted date" included on the list of new/updated data, web services, or web/mobile/desktop applications.
22	2-Medium	As a User, I want to be notified whenever new or updated data, web services, or web/mobile/desktop applications are released.
27	2-Medium	As a User, I want to download all data as pre-packaged files via FTP.
28	2-Medium	As a User, I want to download data in non-GIS formats (eg: CSV, GeoJSON).
29	2-Medium	As a User, I want to download thematic data in bulk (eg: all transportation data).
34	2-Medium	As a User, I want to download VT GIS data layers in KML format.
35	2-Medium	As a User, I want to explore Warehouse entries by the "custom data groupings" created by the Publisher.
36	2-Medium	As a User, I want to find and download Regional-level (RPC) GIS data.
37	2-Medium	As a User, I want to find and download town-level GIS data.
38	2-Medium	As a User, I want to find the latest GIS data releases by agency, by department, by program (eg: permitting/regulatory/monitoring).
39	2-Medium	As a User, I want to flag errors in the data and have them submitted to the data steward.
40	2-Medium	As a User, I want to get to all Warehouse entries that have one or more "custom keyword tags" assigned by the Publisher.
41	2-Medium	As a User, I want to have access to Data Warehouse "capabilities" via a published API (eg: REST endpoint) so I can integrate it into my own website.
42	2-Medium	As a User, I want to integrate aerial photos (eg: VT orthos) into my own web mashups.
43	2-Medium	As a User, I want to integrate VT GIS data layers into my own web mashups.
45	2-Medium	As a User, I want to post comments about a particular dataset, web service, or application and have those comments show up whenever someone discovers the dataset or web service.
48	2-Medium	As a User, I want to search by standard data themes (eg: boundary data, transportation data, etc.) using ISO 19115 Topic Categories standard.
50	2-Medium	As a User, I want to see a listing of all available data even if it isn't available for immediate download or if there are access constraints.
53	2-Medium	As a User, I want web services providing access to aerial photos that render "Google" fast.
54	2-Medium	As a User, I want web services that work with ArcGIS software (desktop, mobile,

		and browser-based clients).
55	2-Medium	As a User, I want web services that work with Open Source GIS software (desktop, mobile, and browser-based clients).

Publisher Stories

ID	EGC Priority	Story - Requirement
3	1-High	As a Publisher, I want a publishing solution that requires a minimal number of manual steps.
4	1-High	As a Publisher, I want GIS customers to have access to my web mapping applications from the data warehouse.
5	1-High	As a Publisher, I want my data to be discoverable and linked through other catalogs (eg: data.gov, ArcGIS Online, etc.) so that it can be found by users outside of Vermont.
7	1-High	As a Publisher, I want my metadata to conform to standards.
13	1-High	As a Publisher, I want the ability to include non-geospatial data files (eg: MS Word document, Excel spreadsheet) with the geospatial data that I share.
15	1-High	As a Publisher, I want the search engine to be driven from the metadata that I submit.
16	1-High	As a Publisher, I want the standardized metadata to automatically populate specific attributes of the online catalog entries (website content).
17	1-High	As a Publisher, I want the Warehouse to offer a simple data hosting subscription plan for non-governmental organizations and/or individuals.
18	1-High	As a Publisher, I want to authenticate to my publishing account.
19	1-High	As a Publisher, I want to be able to define groups of users that can collaborate on editing and maintaining the data with me.
21	1-High	As a Publisher, I want to be able to post data, web services, applications (web/mobile/desktop), products (eg: layer packages), and tools (eg: scripts and geoprocessing tools).
23	1-High	As a Publisher, I want to be in control of my own publishing, information management, and publisher account.
25	1-High	As a Publisher, I want to have access to download statistics of my data so I know how often my data is downloaded.
27	1-High	As a Publisher, I want to publish my data as services that work on multiple clients including desktop software, mobile devices, and web browsers.
29	1-High	As a Publisher, I want a Warehouse solution that complies with W3C DCAT and OGC CS specifications.
30	1-High	As a Publisher, I want a Warehouse solution that make it easy for me to comply with data archival procedures defined by the State of Vermont.
31	1-High	As a Publisher, I want a Warehouse solution that is able to harvest ISO and FGDC compliant metadata records.
2	2-Medium	As a Publisher, I want a mechanism which allows me temporarily disable access to a particular dataset, web service, or web application.

6	2-Medium	As a Publisher, I want my data, web services, and web applications to be discoverable through Google searches so that it is more likely to be found.
8	2-Medium	As a Publisher, I want my own configurable "space" or "site" on the Data Warehouse with custom branding, content, and messaging.
10	2-Medium	As a Publisher, I want the ability to add "custom keyword tags" to my Warehouse entries to help users find what they are looking for.
12	2-Medium	As a Publisher, I want the ability to create my own "custom data groupings".
14	2-Medium	As a Publisher, I want the ability to tag datasets, web services, and web/mobile/desktop applications to one or more ISO 19115 Topic Categories (eg: boundary data, transportation data, etc).
24	2-Medium	As a Publisher, I want to clearly identify and "brand" data, web services, and applications provided by my organization.
26	2-Medium	As a Publisher, I want to have access to statistics showing how often particular web services are used.

Administrator-Owner Stories

ID	EGC Priority	Story - Requirement
4	1-High	As an Administrator/Owner, I want a GeoData Portal architecture that allows me to easily scale-up capacity (eg: bandwidth, storage, etc).
5	1-High	As an Administrator/Owner, I want a GeoData Portal solution that allows me to assign login accounts as users, publishers, or administrators.
6	1-High	As an Administrator/Owner, I want a GeoData Portal solution that is able to ensure proper user, publisher, and administrator account security.
7	1-High	As an Administrator/Owner, I want the ability to “disable” a user and/or publisher account that does not comply with established policies.
8	1-High	As an Administrator/Owner, I want the ability to establish, publish, and enforce “user policies” for the GeoData Portal.
9	1-High	As an Administrator/Owner, I want the ability to reset passwords.
10	1-High	As an Administrator/Owner, I want to be able to configure jobs that automatically harvest data from other distributed heterogeneous data repositories via W3C DCAT and/or OGC CS specifications and load them into the GeoData Portal.
11	1-High	As an Administrator/Owner, I want a GeoData Portal solution that has an upgrade path (is not a “one off” solution).
3	2-Medium	As an Administrator/Owner, I want a GeoData Portal architecture that allows me to easily add functionality (eg: widgets, modules, etc).
2	2-Medium	As an Administrator/Owner, I want the ability to create GeoData Portal login accounts and passwords.

6.2 SECURITY REQUIREMENTS AND PRIVACY PROTECTION

The VT Open GeoData Portal must include a security framework that distinguishes between users, publishers, and administrators. The GeoData Portal must be able to ensure proper user, publisher, and administrator account security using industry “best of breed” security solutions and methods.

The VT Open GeoData Portal will not catalog, store, and distribute “secure and confidential” information. The GeoData Portal will be limited to information/data/services that are openly available under Federal and VT public record laws, and/or “open data” licensing agreements.

6.3 TECHNICAL REQUIREMENTS

VCGI is open to a range of technical solutions that support the requirements specified in section 6.1 *FUNCTIONAL REQUIREMENTS*. Additionally VCGI and the State of Vermont are interested in

- Open source and/or proprietary solutions, as long as they meet the requirements specified in this RFI.
- “Best of Breed” solutions that implement and support the latest Open Data protocols and approaches.
- Solutions that can be deployed within VCGI’s existing IT environment, or if deployed as a Software-as-a-Service (SaaS) solution, can interoperate seamlessly with VCGI’s existing IT/GIT environment.

Refer to section 4 OVERVIEW OF CURRENT IT ENVIRONMENT and section 6.1 FUNCTIONAL REQUIREMENTS for additional details.

6.4 LEGAL REQUIREMENTS

All responses/submissions to this RFI will become the property of VCGI and the State of Vermont and will become publically available on VCGI’s website.

7 SUMMARY RESPONSE FORM – APPENDIX I

Responders to this RFI are asked to complete the following table along with any necessary attachments.

Question	Response
Company name Parent company	
Company address	
Name of person responsible for the information contained in this RFI	
Telephone number Fax number Email address Web page	
Company location: Corporate office Local offices	
Please provide your recommendations on the system solution design for a VT Open GeoData Portal that would support the requirements articulated in this RFI. <ul style="list-style-type: none"> • Are there any functional requirements that you believe could be especially challenging or costly to implement? 	Please include as attachment Maximum of 10 pages
Are you proposing to use a Commercial-Off-The-Shelf (COS), Open Source, custom, and/or hybrid solution?	
Training: <ul style="list-style-type: none"> • Would you offer formal user training? • What type of courses do you run and what is their duration? • What level of training would you recommend? 	
Please provide details of how the product is supported. <ul style="list-style-type: none"> • What levels of support is available, definition of each level and what are the hours of operation and response times? • Does support include product updates, as well as bug fixes at no extra charge? 	
Please summarize the total costs of your proposed solution. <ul style="list-style-type: none"> • Total estimated cost of proposed solution. <ul style="list-style-type: none"> ○ Year 1 – Build and Deploy <ul style="list-style-type: none"> ▪ Combined estimate for all requirements under Section 6.1 	Please include as attachment Maximum of 2 pages

Question	Response
<ul style="list-style-type: none"> ▪ Combined estimate for all requirements under Section 7.2 – APPENDIX II ▪ Other costs itemized for Year 1 <ul style="list-style-type: none"> ○ Year 2 – Support and Maintenance (itemized) ○ Year 3 – Support and Maintenance (itemized) • What are the estimated licensing costs (if any) for individual parts of the solution? • What are your consultancy rates to help with implementation and/or customization? • What do you charge for training? • What are the estimated maintenance and support costs on an annual basis? Does it include software updates/upgrades? 	

8 OPTIONAL REQUIREMENTS – APPENDIX I I

The following requirements have been identified as “optional”.

User Stories

ID	EGC Priority	Story - Requirement
3	3-Low	As a User, I want a button that allows me to "share" things that I discover on the Data Warehouse via a URL link, Twitter and Facebook.
17	3-Low	As a User, I want all technical terms to be linked to explanations so I don't have to be a GIS expert.
23	3-Low	As a User, I want to browse thumbnails of available datasets, web services, or web application to give me a quick sense of what is being offered.
24	3-Low	As a User, I want to control layer rendering (symbology) for VT GIS data layers accessed via a web map service.
25	3-Low	As a User, I want to control when and what I get notified about.
33	3-Low	As a User, I want to download VT GIS data layers in GML format.
44	3-Low	As a User, I want to personalize the site (eg: My Warehouse) for the topics and data that I use most often.
46	3-Low	As a User, I want to post my "data wish list" to a website for others to see, rank, and comment on.
47	3-Low	As a User, I want to rank (eg: number of stars) datasets, web services, and web applications.
49	3-Low	As a User, I want to see a list of all data, web services, and applications associated with a particular dataset.
51	3-Low	As a User, I want to see rankings of datasets, web services, and web applications to help me pick the "best" option.
52	3-Low	As a User, I want to specify data types (eg: polygon, points, lines, raster) in searches.

Publisher Stories

ID	EGC Priority	Story - Requirement
1	3-Low	As a Publisher, I want a mechanism for managing "data/file locks" when posting data updates.
9	3-Low	As a Publisher, I want the ability to "share" datasets, web services, or web/mobile/desktop applications that I publish on the Data Warehouse via Twitter and Facebook.
11	3-Low	As a Publisher, I want the ability to assign myself to specific "stakeholder groups" (eg: private sector, government, non-profit, etc.) so that users can look for Warehouse entries by these groups.
20	3-Low	As a Publisher, I want to be able to moderate comments about a particular dataset or web service I have published.
22	3-Low	As a Publisher, I want to be able to push out data, web service, or application update alerts to subscribers.

28	3-Low	As a Publisher, I want users to be notified with a special icon/flag when a particular dataset, web service, or web/mobile/desktop applications is/are temporarily unavailable.
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Administrator-Owner Stories

ID	EGC Priority	Story - Requirement
1	3-Low	As an Administrator/Owner, I want the ability to establish, publish, and enforce “publisher policies” for the GeoData Portal.