



VOICe VizSpace Features

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1 VOICe VizSpace Search

Searches in VizSpace using VizSeek search technology examine all content that is deemed searchable within the current VizSpace and all content within the VizSpaces of members or organizations that are designated as contributing members in the ecosystem.

With the search engine in the VOICe VizSpace, you can search for suppliers or opportunities. The following sections give more information on search.

1.1 Supplier Search

Department of Defense (DoD) agencies (Depots, DLA, etc.) and Primes can search for suppliers with the following methods:

1. Text

When the user enters a text keyword such as *file.txt*, the search results encompass everything that has the words 'file' and 'txt' in them. If the text entered is "*file.txt*", the search engine will look for an exact match of the text in quotation marks. The contents of certain file types (txt, doc, pdf) will be searchable after our indexing process has been completed.

2. 2D Drawing

If uploading a 2D drawing (dxf, dwg) to use as search input, the user can choose to use the entire file, or the user can select a region of the image to use as search input. The shape region selected will then be compared to all other 2D, 3D, and image files where shape definitions can reasonably be extracted.

3. 3D Model

Using a 3D model as search input is similar to searching with a 2D drawing, but with 3D models, the search always looks at the entire model. During the search process, our software extracts the shape inputs from a 360-degree perspective of the model uploaded. The shape inputs are then used while performing the search.

4. Image

If uploading an image (png, jpg, gif) to use as search input, the user can choose to use the entire file, or the user can highlight a region of the image for a refined search input. The shape region selected will then be compared to all other 2D, 3D, and image files where shape definitions can be reasonably extracted.

5. Process Capabilities

Users can search for companies using the Process Capability search input. The user defines a main process (for example, Casting, Forging, or Machining, among others) and, optionally, a sub-process and/or a material. The search then returns companies that have listed these capabilities in the "Capabilities" section in their VizSpaces.

6. Profile Search

- a. Country and State: Users can refine their company searches by specifying a generic country and/or state where the companies should be located.
- b. Business Classifications: Users can search for companies using business classifications such as Business Designations, NAICS Codes, or Classification Codes.

1.2 Opportunity Search

NCDMM members who want to supply to the DoD or Primes can search for opportunities using the following:

1. Search Criteria (described above)

- a. Text
- b. 2D drawing
- c. 3D Model
- d. Image
- e. Process Capabilities
- f. Profile information including location or business classifications (such as business designations, NAICS Codes, Classification Codes)

2. Attributes

Members can search for opportunities using attributes such as Diameter, Length, Cube Volume, Tolerance, Surface Finish, or Material.

Users can easily configure many aspects of the search, including what types of results to display.

2 VOICe VizSpace Opportunities App (VizOpps)

VizOpps allows Primes or Buyers to create and post opportunities for services or parts to be procured. VizOpps also has the capability to extract opportunities from public DoD or government procurement sites such as FedBizOpps. Currently, the opportunities are extracted manually from those sources and posted. However, automatic extraction of opportunities from these sources will be made available in Phase II of VOICe. VizOpps allows Suppliers to actively search for opportunities using the search engine or have opportunities suggested to them based on their manufacturing capabilities. Currently, opportunities are suggested manually, and during Phase II the capability will be developed to automatically suggest opportunities to suppliers based on capabilities. VizOpps consists of the following features:

2.1 Suggested Opportunities

The *Suggested Opportunities* panel presents to the members opportunities that match their manufacturing capabilities. The key features of the opportunities presented are as follows:

- a. On opening the opportunity, members can view the detailed solicitation, as published in FedBizOpps or other public sites.
- b. Members can print the opportunities.

- c. Along with details of the solicitation, members can view the technical data packages, along with the drawings and models associated with them.
- d. Members can download tech-data packages and drawings/models associated with the opportunity.

2.2 My Favorite Opportunities

Members can select the opportunities they would like to bid on and save them in *the My Favorite Opportunities* panel for future reference.

2.3 Create Opportunities

With the *Create Opportunities* function of VizOpps, VizSpace Administrators with Primes or Defense Agencies can create opportunities by providing information such as:

- Title and Description
- Business classification codes such as Business Designation Codes, NAICS Codes, Classification Codes
- Part specifications such as Diameter, Length, Cube Volume, Tolerance, and Surface Finish
- Tags to act as keywords that members might use when searching for the opportunity
- Models and Drawings, which will be associated with the opportunity

The opportunities created will be indexed and made available for search to suppliers (members), and they will also be presented as suggested opportunities to members, based on their defined manufacturing capabilities.

Created opportunities are then featured either in the *Recently Posted Opportunities* panel, which displays the latest five opportunities to be created or modified or on the *Opportunities created by this VizSpace* page, which displays all opportunities created in the VizSpace.

3 Additional VizSpace Features

3.1 General Image

The *General Image* gives VizSpace Administrators the option of displaying an uploaded image, either to better describe who they are or give more detail about the company.

3.2 Marketing Image

The *Marketing Image* allows VizSpace Administrators to visually describe the VizSpace or the company it represents. Administrators have the option of either featuring an image and making it a clickable link, or showing a YouTube or Google video, or even a combination of the two.

3.3 Introduction

The *Introduction* panel, defined in the VizSpace profile, gives visitors a brief introduction either to the VizSpace or to the company it represents.

3.4 Profile

The *Profile* section allows VizSpace Administrators to give detailed information about the company, including an introduction, contact information, number of employees, manufacturing services, business designation codes, and classification codes.

3.5 Capabilities

With the *Capabilities* feature, you let us know what your company can do. This is tied to our process capability search, so the more information you enter, the easier it is for your company to be found. VizSpace Administrators can define information with respect to the company's manufacturing processes, sub-process, and any other additional data.

3.6 Featured Parts/Products

The *Featured Parts and Products* allows VizSpace Administrators to feature what 3D models, 2D drawings and images they have uploaded to the VizSpace. Administrators can easily showcase their items by simply dragging and dropping them into a designated location.

3.7 Details

The *Details* panel quickly gives visitors a brief synopsis of information in the VizSpace profile, including Business Services offered and Industries Served.

3.8 Updates

The *Updates* panel gives users a brief glimpse into the activities being performed in the current VizSpace community. Users can see what new content has been added to VizSpace, and in what key areas.

3.9 Discussion Forum

In the *Discussions* panel, users can post questions and start discussions of key interests to the VizSpace and surrounding community.

3.10 Visitors

In the *Visitors* panel, VizSpace Administrators can quickly see how many visits the VizSpace has received and who the most recent visitors are.

3.11 Ecosystem

In the *Ecosystem*, you see all of the connections that you have established in your VizSpace. You can view and manage employees, members and partners.

3.12 Sponsored Links

The *VizAds* app allows *VizSpaces* to advertise their capabilities in the *Sponsored Links* panel. Use text and images to create rich advertisements showcasing features, capabilities, and products.

3.13 Feedback

The *Feedback* app allows users to provide instant feedback. Administrators can provide an email address or a link to a blog or forum that users can provide responses to.

3.14 Blog

Use this app to link your *VizSpace* to a blog you have created and to provide new content to your users.

3.15 Connect

With the options in the *Connect* panel, you can build your community by sending invitations, join requests and referrals, or interact with others by sending Messages and Advice Requests.

3.16 Statistics

The *Statistics* panel (optionally) gives users of a *VizSpace* quick statistics such as:

- Number of members in the *VizSpace*,
- Number of searches performed,
- Number of contributed parts,
- Number of parts downloaded, and
- Number of visitors

VizSpace Administrators have an easy-to-use administration page from which the statistics can be managed.