

## **How Does Explorit Everywhere! Work?**

Deep Web Technologies (DWT) is a provider of federated search technologies to government, medical and academic libraries and organizations, research institutions and industry leaders. Our hosted search service, Explorit Everywhere!, provides our customers with a single interface to search all of their electronic content, subscriptions, internal databases, public collections and catalogs.

Applications are hosted at DWT's tier one data center. In order to conduct searches, we require authorization of our server's customer-dedicated IP address in order to search for a customer. This IP is assigned solely to this customer, and all searches coming from this IP address will be for and by a single, verified customer.

### ***How does our search work?***

As a federated search service, our software submits the customer's query simultaneously to all of the selected content resources. The retrieved results are aggregated, ranked and deduplicated, then presented to the user in a cohesive results set, with sort and filter options. Content is *not* crawled and indexed, and a given search expires after a short period of time. Our software does not retrieve or store content, but performs a real-time search on behalf of our customers.

### ***How is subscription content protected?***

Once a researcher clicks on a link from our search results page, they are sent directly to the publisher's site to retrieve the content. At this point, the user's request comes from our customers currently authorized IP address. A user attempting to follow a link from an unauthenticated IP address will be stopped by the publisher's login or turnaway page. For some customers, we configure URLs to route traffic through an institutional proxy, in which case users need a valid proxy login to successfully follow the link. In either case, while the results set is viewable, only authenticated users are able to access subscription content.

### ***How much load does federated search generate?***

Our search runs real-time queries on behalf of the customer. The activity is equivalent to a regular user running a search on a publisher's web interface. In the event that an API is accessible, our database connector will make use of that. We also have automatic monitoring in place on our applications which runs a preset query at low-use hours. Occasionally, this automated behavior will seem like spidering to a publisher who is not familiar with our service. In these cases, we are always happy to work with publishers to verify the behavior of our software and answer any concerns that may arise.

### ***Can I see it for myself?***

Please test our product, Explorit Everywhere!, on one of the public search portals listed on our website: <http://www.deepwebtech.com/product-trial/try-it-now/>.

Should you have any questions regarding Deep Web Technologies' Explorit Everywhere! search set up or configuration, please feel free to contact us at [info@deepwebtech.com](mailto:info@deepwebtech.com).