

# STRATOSPHERE ELASTICSEARCH

Search the entirety of all of the Case and Data types that are important within your application

Switch to a build-your-own custom query with specific field evaluations

Customize the look of each different result type to display the important information for that kind of record

The screenshot displays the Stratosphere Elasticsearch interface. At the top, a search bar contains the query 'foundation', and a notification indicates 'Your search for "foundation" returned 51 results:'. Below the search bar, a sidebar on the left lists navigation options: Practice, Programs, Projects, and Assets. The main content area shows a search result for 'STC Foundation', which is an 'ASSET' in an 'ACTIVE' state. The result description states: 'STC Foundation is the baseline application on which other components, frameworks, and applications are built. It provides a reusable set of common development tooling to address frequently (and, in some cases, universally) implemented design patterns and functionality.' To the right of the description, metadata is displayed: 'Number of Versions: 1', 'Current Version: 1.0', and 'Published On: 06/09/2016'. On the far right, there are two faceted search panels. The 'Case Status' panel lists categories such as 'Resolved-Completed' (24), 'Resolved-Canceled' (11), 'Open-Managing' (10), 'Open-Preparing Publication' (1), 'Pending-Implementation' (1), and 'Resolved-Rejected' (1). The 'Result Type' panel lists categories such as 'Asset Management' (42), 'Assets' (3), 'Asset Feature Request' (3), and 'Asset Submission' (3). A second search result for 'fondashun' is shown below, with '42 results' returned. This result is for 'STC Search', an 'ASSET' in an 'ACTIVE' state, with a description: 'Provides a comprehensive wrapper around the Elasticsearch REST API with substantial configuration options to ensure rapid and accurate...'. The 'Create Operator' is listed as 'ryan.pongold'. A 'Load More' button is visible at the bottom left of this result. A 'Targeted Query' button with a close icon is located in the top right corner of the interface.

Filter your results in place with customizable Facets

Show why a specific result was returned with match highlighting

Provide fuzzy and phonetic matches to ensure search results match what your users mean, not what they type

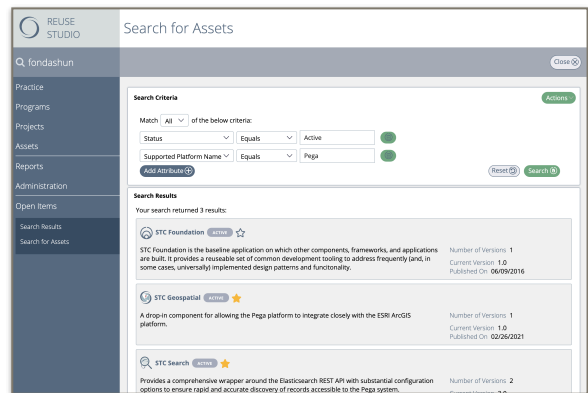
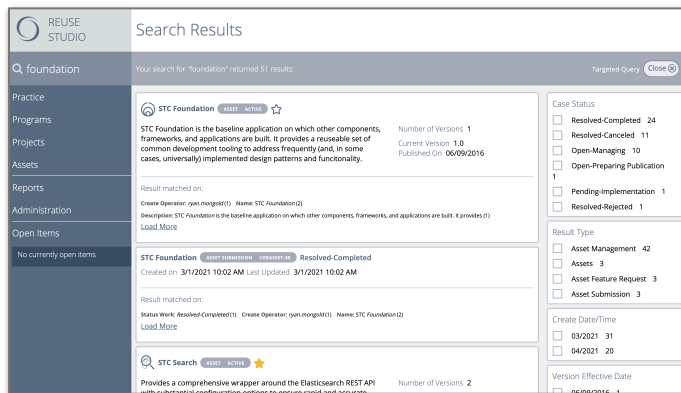
## Modern and powerful search for your Pega Infinity applications

# STRATOSPHERE ELASTICSEARCH

Your users have become accustomed to finding exactly what they want on their computers and the Internet easily and lightning quickly. How do you bring that same level of transparency, discoverability, and simplicity to the Cases and Data in your Pega applications?

## ENTER STRATOSPHERE ELASTICSEARCH

Stratosphere Elasticsearch provides a drop-in solution allowing deep integration between Pega Infinity and Elasticsearch with the knobs and levers you can use to tailor the user experience to ensure that the right information is surfaced for each unique context and situation your application contains: from Global Search of all content down to specific as-you-type searches to find related information on a Case.



## WITH STC SEARCH, YOU CAN

- Search the full content of all the Cases and Data in your Pega applications quickly and easily
- Perform global, targeted, and as-you-type searches to fit the needs of any aspect of your application
- Apply fuzziness and phonetics to your searches
- Boost results based on keywords, pattern recognition, and context to tailor results to the user's immediate needs
- Facet your results to allow lightning-quick, in-place filtering
- Allow complex global queries with full access to the Elastic Query Syntax
- Save common searches as reusable reports and share them with other users
- Keep your index up-to-date in real time (both updates and removals)
- Determine which records should be added to the index using standard conditions
- Include content from external systems in your Pega searches
- Show your users why each record was included in their results with highlighting
- Customize how each type of result is displayed to provide the right information to allow your users to know they've found what they need
- Create per-application indexed data sets, or share your content across applications
- Built-in pagination
- Integrate with internal- and external Elasticsearch clusters