



## Z39.50 Federated Connector

Leverage your investment in your Enterprise Search Engine to seamlessly access data from your Integrated Library Systems and your local index/Collections through a consolidated interface. The Custom Z39.50 Federated Connector/worker allows you to bring together information sources from both inside and outside your organization with a single query. This Z39.50 Connector will multiply your returns and enhance the value of your Search solution:

- Extend the reach of your Enterprise Search Engine (Microsoft's Search Server 2008, Google's OneBox, Autonomy/Verity Federator, Fast's Unity product, Endeca, Exalead, Dieselpoint, Lucene, OmniFind) by accessing Z39.50 systems seamlessly
- Integrate multiple search systems enterprise-wide
- Add classification and recommendation features to legacy systems
- Use Federated Technology to access additional sources of data quickly and easily

Raritan Technologies has created a Z39.50 Federated Connector, which can be easily customized to access multiple sources of compliant data. It can be further expanded to search against specific fields and use Boolean logic (if supported at the source system).

### The Changing Face of the Corporate Library

By Carol J. Knoblauch March 1997 issue of Computers in Libraries Conference Proceedings

...at some point, our companies will recognize the need to integrate all their information, both internal and external, in order to create an information-permeable organization. Sooner or later that will happen. As librarians, we should preempt that effort by being at the forefront, and by helping to shape, architect, and design the information infrastructure. We must be in on the ground floor.

### Why combine Z39.50 and Federated?

ANSI/NISO Z39.50 defines a standard way for two computers to communicate for the purpose of information retrieval. Z39.50 makes large information databases easier to use by standardizing the procedures and features for searching and retrieving information -- providing a consistent view of information from a wide variety of sources. This integration is of course limited to systems that support the Z39.50 protocol.

A Federated infrastructure provides a means of accessing virtually any application or repository by distributing a query to a set of "connectors" which simultaneously translate the query into any number of search protocols. The results from both internal and external sources are then merged and ranked for relevancy in a single list. By combining these two technologies, multiple Z39.50 sources and sources using other protocols such as HTTP or SQL can be merged into a single result set. The results can also be further enhanced with Entity Extraction, classification tools, taxonomy or other features available in the Enterprise Search engines.