

A VSE e-business Success Story



NERAC, a leading information retrieval company, implements VSE based e-business to improve service and reduce costs.

Presented by:

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About NERAC, Inc.

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NERAC is a customer-focused information retrieval company that draws on worldwide resources to alert subscribers to strategically vital research, journal articles, patients, standards, and solutions pertinent to their interests.



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NERAC uses multiple VSE/ESA guest

systems under VM to search numerous large,

specialized databases to quickly and

efficiently satisfy specialized customer

requests.

Think of NERAC as the ultimate search

engine.



Goals for implementing VSE e-business

- Improve service and value to Customers
- Broaden access
- Reduce costs / Increase productivity
- Leverage existing systems and skills to reduce implementation time and cost while maintaining overall reliability.



Common Methods of Web Enabling VSE Applications

- Screen Scrapping (i.e., Web-to-Host)
 - No Changes to Host applications
 - Performance Issues (VTAM, Sync time, screen processing, etc.)
 - Costly per-seat/con-current licensing.
 - 3270 screen construct limitations
 - Non-standard Browser interfaces

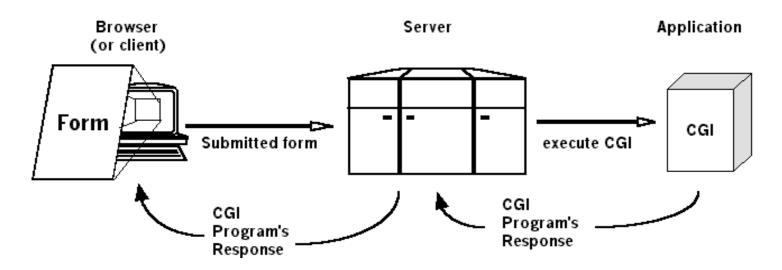
CGI Programming

- Changes to Host applications
- No Performance Issues (VTAM, Sync time, screen processing, etc.)
- No Costly per-seat/con-current licensing.
- No 3270 screen construct limitations
- 100% Standard Browser interfaces



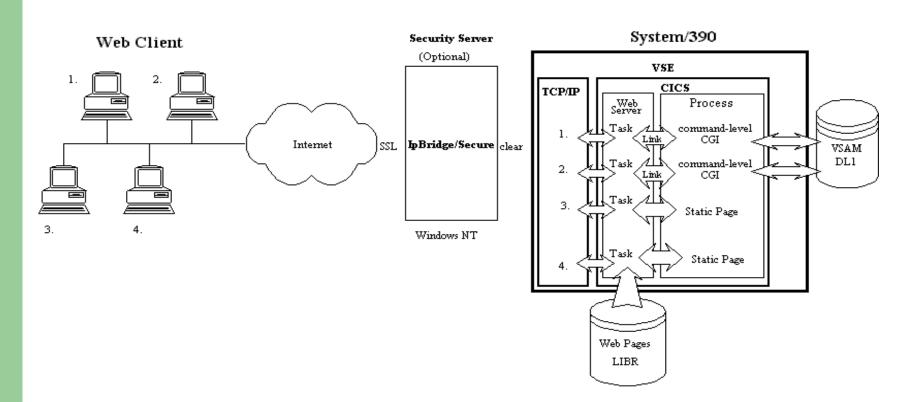
The Common Gateway Interface (CGI)

The Common Gateway Interface (CGI) specification lets Web servers execute server-side programs and incorporate their data into the information sent to a Web Browser.





IpServer® - The Native CICS Web Server/CGI Interface





Applications Web-Enabled using IpServer

Table Of Contents Service

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Applications under construction

Search within a Search

Provide "ballpark" set of citations and user will be able to perform Boolean searches on the set.



Customer Access



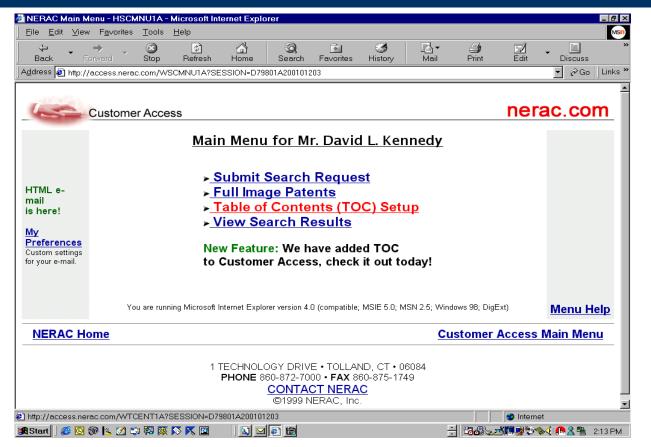


Sign-on





Menu Selection





TOC Email Verification





Title Selection

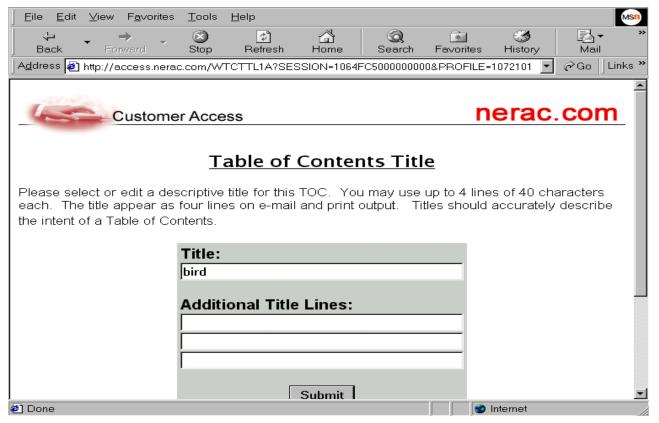




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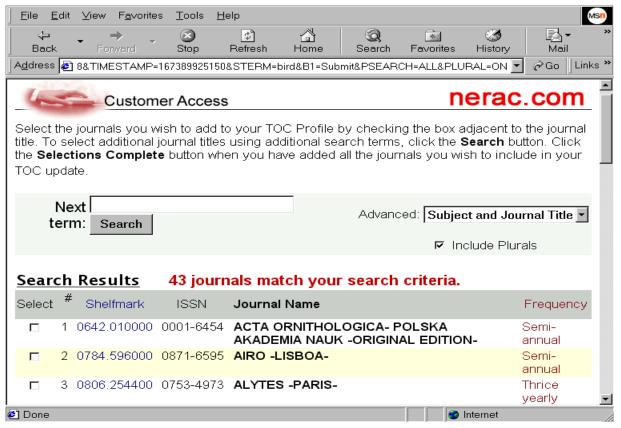




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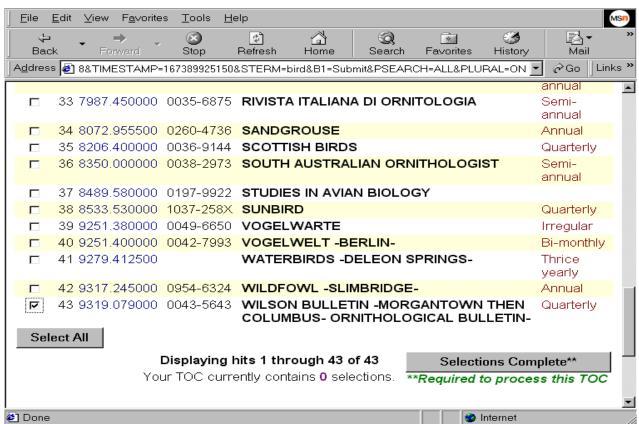




Table of Contents Summary

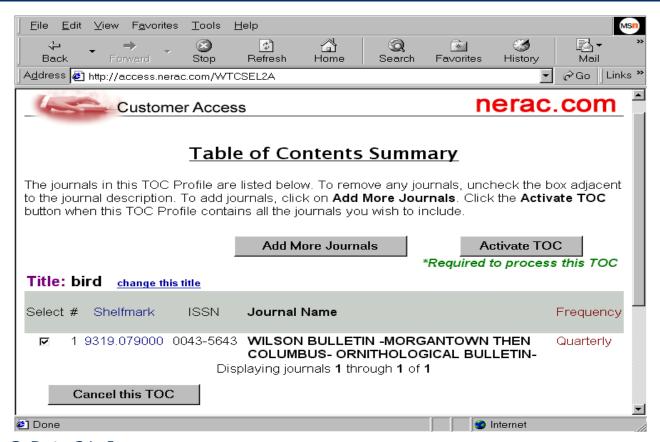




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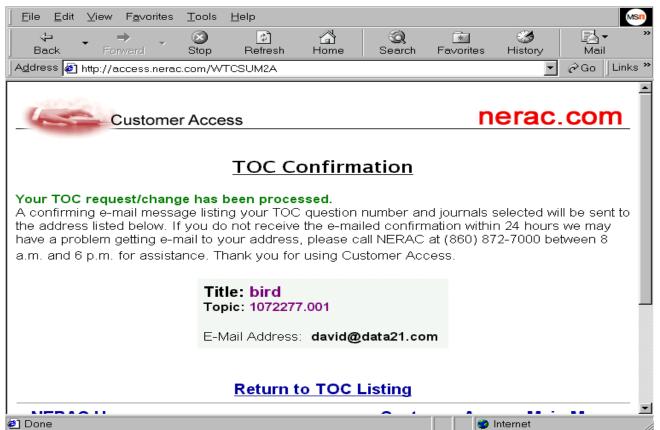
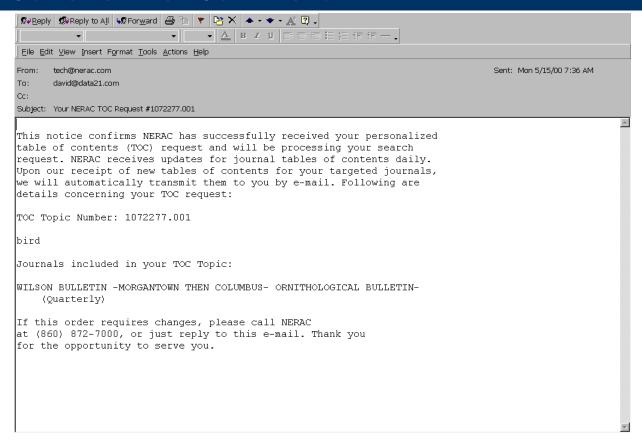


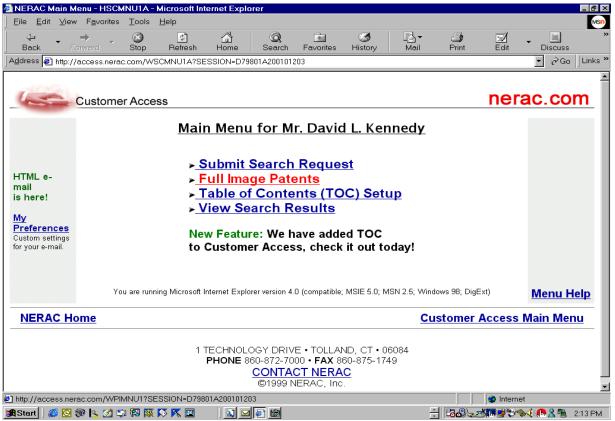


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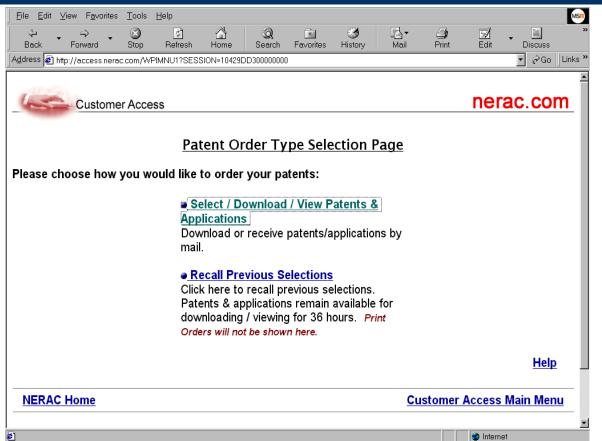


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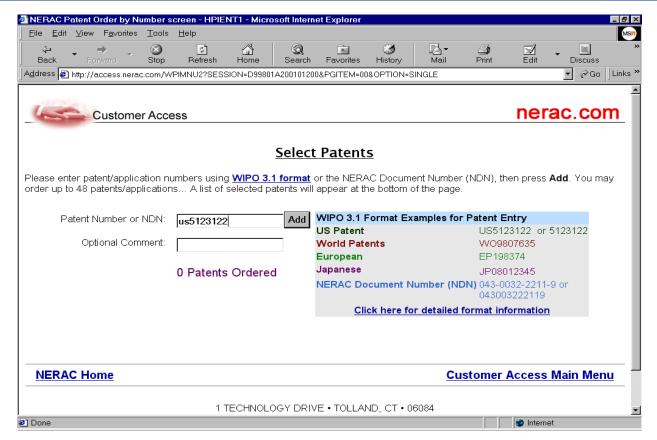


Patent Order



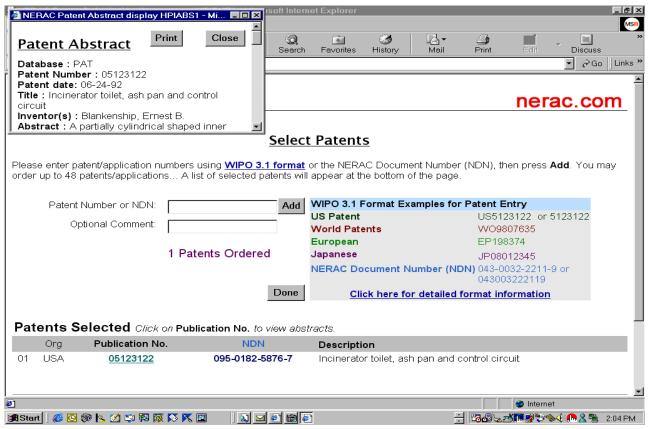


Patent Selection





Patent Abstract (new window)



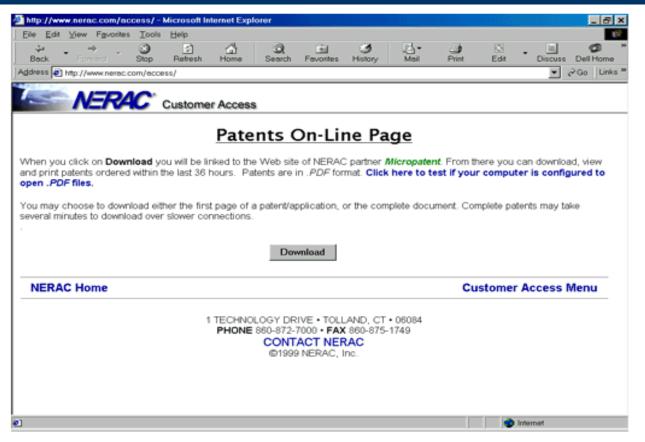


Patent Summary



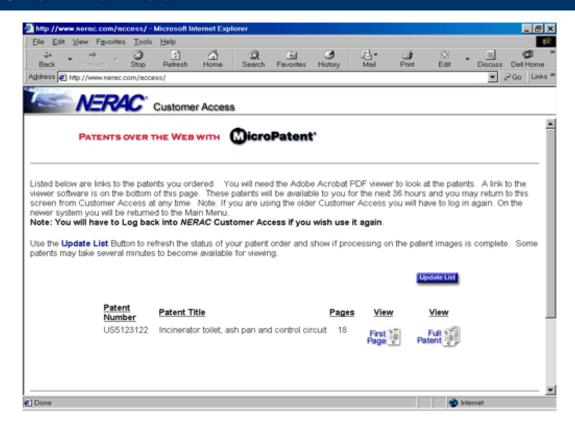


Patents On-Line Page



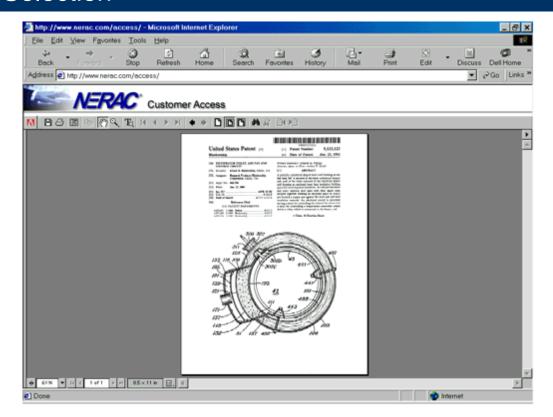


Patents Over The Web



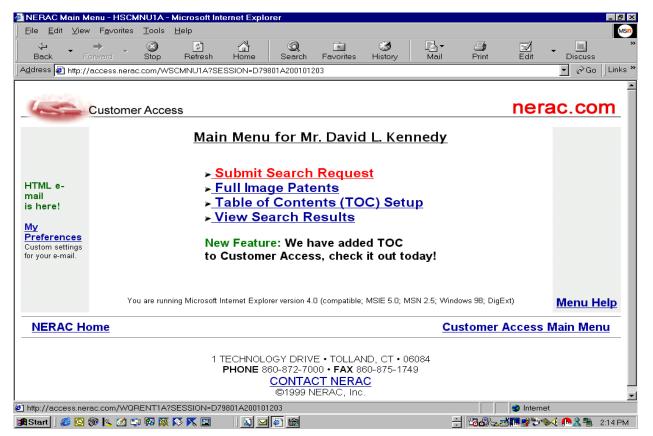


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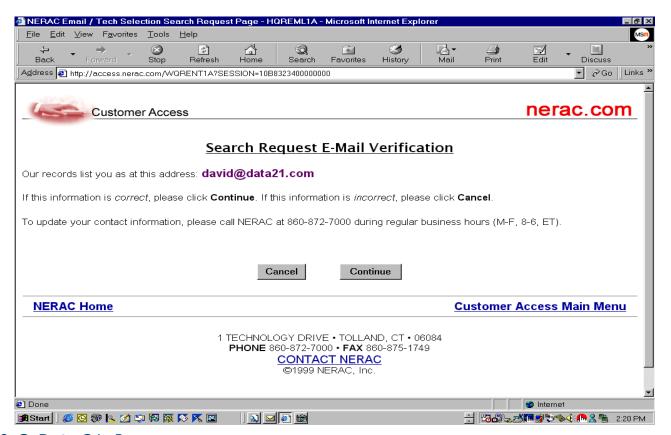


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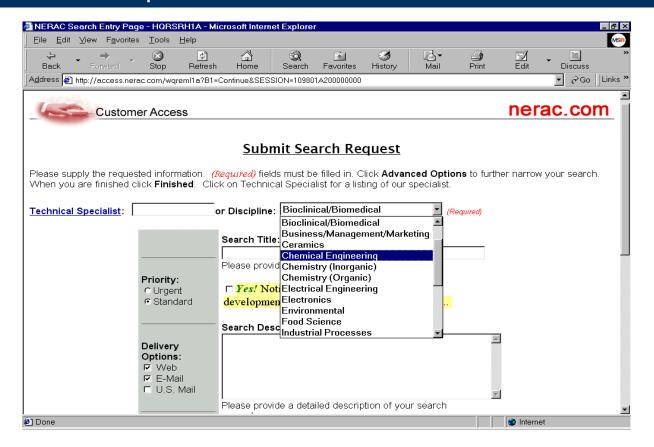


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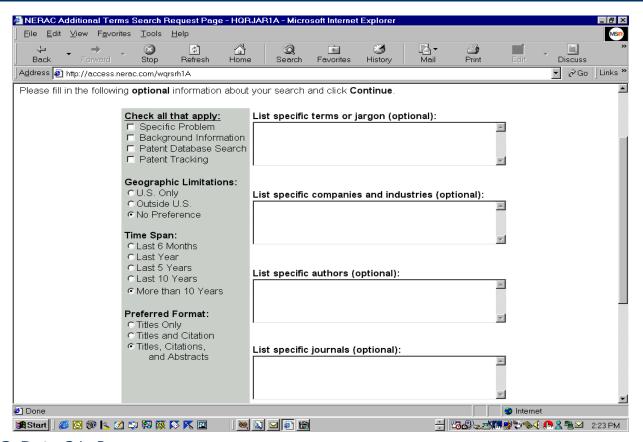


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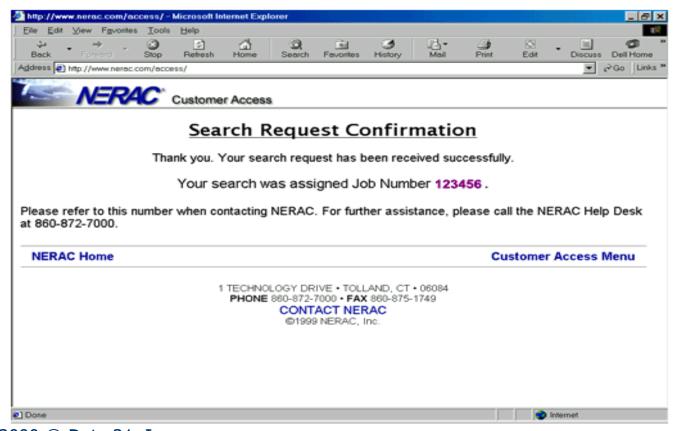


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Solutions that WORK ... Today!



VS@ ...Today!

Data 21 solutions have helped NERAC, and many other companies, leverage their VSE systems and skills to quickly and cost effectively reap the fruits of e-business and they can do the same for your business.

Please visit our booth and sessions to learn more about the software that is powering VSE e-business ... today.