

ISG Development News

Our development team has been hard at work on the next version of ISGweb and we're excited to share with you the results of all that effort – ISGweb Version 4.0!

We have lots of cool features in this new version and can't wait for you to see it. We'll hit the high points here, but I would encourage you to see a demo so you can get all the news about what's available to you.

As always, we'd love to have your feedback, in addition to your thoughts about what you would like to see us work on next.



Here are the highlights of ISGweb 4.0...

Major User Interface Enhancements

ISGweb was originally designed 10 years ago – it's a little hard to believe it has been that long, but we released the first version in July 2004. At that time, we used a square, table-based page layout. It looked great then. But it feels dated to us now.

So we have taken advantage of user design features that are now available, and created a more round, layered look that is easier on the eye. It also collapses more easily, so you can work with even long pages with less scrolling.

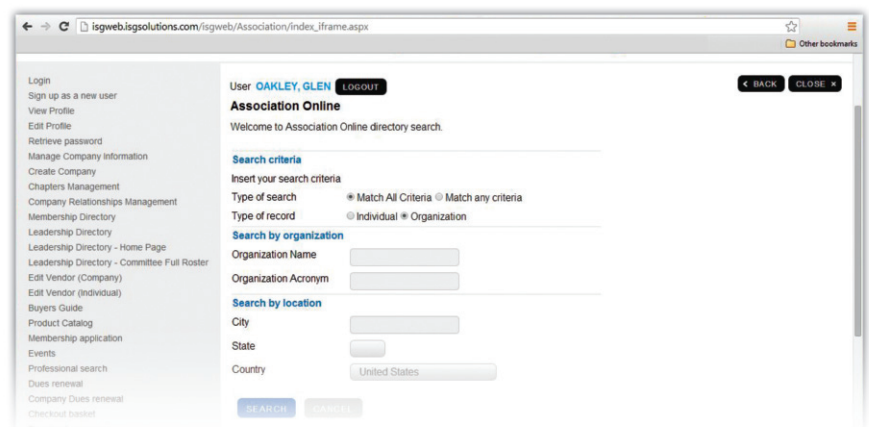
The page is still structured in the same way – you are not going to have to learn a completely new way of doing things. Everything is in the same place – it's just easier to look at and use.



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Faster Performance

We have been able to cut page load times in half across all the modules in ISGweb by making the application multi-threaded, so it writes to the database much faster. You and your members will notice the faster load times.

We made even more changes in the shopping cart. It is now substantially faster, making it easier than ever before for members and non-members to make purchases.

Support for iMIS 20

We now have full support for iMIS 20 in ISGweb – if you upgrade, you won't have any worries about whether you can keep ISGweb. These enhancements include:

- * 64-bit compliance
- * Support for SQL Server 2012
- * Latest Paypal API

iMIS20

ISGweb Additional Fixes

In addition to the technology updates, we also addressed some other issues with ISGweb:

- * Under some circumstances, simultaneous dues payments were throwing an error. This is now fixed.
- * Token security is now tighter when using tokens with third-party integrations.
- * Added javascript to insure that entire page scrolls when new page is loaded to iframe. The javascript is added to the iframe definition.
- * Validate Request mode has been enabled in the web.config to validate user input before displaying it on the screen. Certain .aspx pages, which require html as input, have Validate Request set to false at the page level or at the object level.
- * Error message for blacklist was changed from hard coded "Illegal Request" to read error message named "errorBlackList" in messages.txt.
- * Within MessagePage.aspx, added Server.HtmlEncode on request.querystring processing to insure security.
- * Added SanitizeURL method to BasePage class in IWeb.UI
- * Called SanitizeURL in MessagePage and BasePage to insure that querystrings are safe.
- * Added SSO login with iMIS RiSE during create new user process. This is conditional based on web.config app key.



What's Coming Next...

Expect more design enhancements in the future – we're moving towards a responsive appearance so the design will adjust automatically to whatever device you may be using, and you'll have a streamlined, friendly user interface that makes it easy to do whatever you need. If you have thoughts about what else we can improve in the user interface, I hope you'll share that with us.



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