

 visionLive™ **Enhancements****ASP.NET Core Upgrade from 1.0 → 2.0**

You trust Vision to provide your site with the latest technology and staying up to date with any upgrades for the software that keeps your website running. Thus, we found it imperative to upgrade to the latest version of ASP.NET Core so that we can maximize website performance and maintainability. This update was required in order to afford us additional scalability for the future innovations.

Facebook API Update (Internal ONLY)

Facebook has updated their API, which included deprecation of certain calls that the Vision Connector previously used. In order to prevent any major outages and loss of connectivity, we worked to update the Facebook Connector code and removed the deprecated API calls.

Form Builder (BETA)

*****If you would like to trial and train on a development site prior to the final release of the new Forms component, contact Vision's support agents at support@visioninternet.com*****

Last release we mentioned that the new Forms tool was on the horizon, and now the beta version of the Form Builder has arrived. We are excited to deliver the most streamlined and intuitive Forms tool on the market!

With the shift from traditional paper and PDF forms, the Form Builder offers our customers the ability to easily digitize these forms. This allows constituents to easily provide responses without having to fill out or scan a traditional paper form. This ease of access also carries over to mobile devices so that form functionality isn't lost for respondents on the go.

You may be asking yourself, "How exactly does the new Form Builder improve upon the existing Forms & Survey tool?" Read below for more information on the upcoming upgrades we made.

Usability

The new Form Builder puts a heavy emphasis on usability; we want Forms to be easy and intuitive to use, while still providing more advanced applications to experienced users as well. We improved the creation of forms through:

- **Single Click Addition:** a new field can be quickly added to a form with a single click.
- **Field Sets:** we included the ability to add field sets – groups of related fields – that can be quickly added to forms as well. For example, rather than having to add 5 fields for an address CMS Users now have the ability to add them all with a single click.

- **Pre-validated Field Types:** to increase usability, we provided CMS Users with new field types that are automatically formatted and/or configured to only accept particular values such as phone numbers, email addresses, etc.
- **Easy configuration:** rather than setting up question/answer fields via a lightbox, single fields can be added, configured, and reviewed in real time using the visionLive Design interface.

Functionality

We listened to your feedback regarding the current Forms & Surveys component which led to expanded functionality to meet and exceed your expectations for a revamped Forms component:

- **Digital Signatures:** we integrated digital signatures for form respondents. This will protect any sensitive respondent data through encryption and prevents any tampering efforts from outside parties. The overall result will be a faster document signing workflow that is both legally binding and secure for all involved parties.
- **Email alerts:** based on the answers provided by a respondent, individual staff members can be notified via email that a response requires attention. This provides CMS Users with the ability to set up routing and escalation rules based on the way respondents reply to a particular question.
- **Improved Page Branching:** we improved the usability by making it easier and more intuitive for CMS Users to set up Page Branching so that respondents only provide the most relevant information.
- **Skip or Display Answer:** similar to branching, a respondent may answer a question in a manner that prompts irrelevant fields to disappear and/or relevant fields to appear on the form.
- **Improved Online Payments:** CMS Users now have the ability to add tax calculations, respondents can review the grand total before submitting the form. You will also notice new methods to review the payment analytics such as a dashboard block and an Online Payments view unique to Forms. Read continue reading below for more information regarding the improvements we made.

Reporting

Collecting data effectively is only half the equation, as CMS Users need powerful reporting tools to make accurate insights and analyses of the responses provided. Consequently, we added a new Manage view – similar to the Forms & Survey Statistics – for Forms that allows CMS Users to view the following:

- **Form Detail:** review a particular form layout and field arrangement.
- **Submission Summary:** view a graph of the number of form submissions and views without submissions over a given period of time.

- **Question Statistics:** view response statistics for each individual field; the answers provided, the number of responses against the number of times the field was skipped, as well as charts to give CMS Users quick insights to the most popular answers where applicable.
- **Individual Responses:** Similar to the Text Report and Data Export from Forms & Surveys, this allows CMS Users to review a particular response as well as export responses for a particular period as a .CSV file.
- **Online Payments:** If a form accepts payments, this view will display the total amount of income the form has generated along with the paid and pending amounts. Additionally, CMS Users are able to click a link to view the Individual Response and Online Payment details as well.

CMS Dashboard Block – “Transaction Snapshot”

CMS Users will have the ability add a new Dashboard Block called Transaction Snapshot to quickly review the total number of Form Submissions, pending and paid Online Payments, and Digital Signatures provided by respondents.

Citizen Dashboard Block

If a respondent has signed into the website and filled out a form, they will be able to review what forms they have completed, as well as any forms that may still require either a payment or a signature.

Front-End Preview for Calendar & News

One of the key features of our CMS is the ability to preview how Pages will appear on the front-end before publication. In order to provide CMS Users with additional oversight and control over what is being published, we have expanded this functionality to the Calendar and News components as well.

While creating or editing content from the aforementioned components, CMS Users now have the option to preview how the content will appear on the front-end of the website. This proves extremely helpful, as CMS Users can save time previewing the new content.

IMPORTANT: Please note that the CMS will display the preview using the page template used for the System Variable for each component’s default list view. If the particular page utilizes a different page template than the default list view, then the published version will differ from the Preview version. Additionally, if the linked page does not have the content type’s widget, then nothing will be displayed. Please make sure to contact Support (support@visioninternet.com) if you have any questions or concerns.

Security Updates – Angular JS & jQueryUI

The security of your website and your data is of the utmost importance to us. We run monthly Qualys Security scans to identify future security vulnerabilities. We made it our highest priority to update both libraries to versions without any exploits nor vulnerabilities. We remain committed to providing you and your constituents with software that is both helpful and secure.

The logo for visionPulse, with 'vision' in a dark blue sans-serif font and 'Pulse' in a light blue sans-serif font. A blue pulse line graphic is positioned above the 'e' in 'Pulse'.

Enhancements

Front-End Preview for Topic & Blog

One of the key features of our CMS is the ability to preview how Pages will appear on the front-end before publication. In order to provide CMS Users with additional oversight and control over what is being published, we have expanded this functionality to the Topic and Blog components as well.

While creating or editing visionPulse content, CMS Users now have the option to preview how the content will appear on the front-end of the website. This proves extremely helpful, as CMS Users can save time previewing the new content.

IMPORTANT: Please note that the CMS will display the preview using the page template used for the System Variable for each component's default list view. If the particular page utilizes a different page template than the default list view, then the published version will differ from the Preview version. Additionally, if the linked page does not have the content type's widget, then nothing will be displayed. Please make sure to contact Support (support@visioninternet.com) if you have any questions or concerns.

Bug Fixes:

Excluded from this list: Bugs that were both introduced and fixed since the last release (were never "live") and bugs that were specific to our development sites.

Staff Directory (TFS #27033)

Fixed front-end accessibility issue so that the email link is no longer skipped when pressing the tab key to select the various page elements.

visionSocial (TFS #27035, 27442)

Fixed issue where thumbnails were not appearing for social media posts.

Raised the character limit to 280 for Twitter posts.

WCAG (TFS #20533, 21325, 21767, 22425, 22428, 22534, 27949)

Resolved an issue where the "Post as [name]" link in Topics could not be accessed by pressing the tab key.

Removed obsolete HTML attributes from front-end widgets.

Updated the Side Navigation behavior so that expanding/collapsing pages won't refresh the page.

Changed popup display behavior so that screen readers begin reading the popup content immediately after it displays.

Resolved issue where front-end error messages were not being read by screen readers.

Resolved an issue where the "Send a Message" link in Topics could not be accessed by pressing the tab key.

Resolved issue with "Share & Bookmark" dropdown not being expanded by pressing "Enter" key. Updated the expanded menu options to be readable by a screen reader.

Changed Form titles to use <H2> to fix nested header issues.