

Real-time Interactive Streaming Mosaic (RISM) 3.0 Feature List

V.11

Notes:

Unless otherwise specified, all features are available in the [Live Streaming Demo](#) and our [Pre-Loaded Demo](#).

Additional interactive examples can be found here: www.picturemosaics.com/event



RISM Features and Options

1. Cutting-edge color and shape analysis algorithms for optimal photo and video placement in the mosaic.
2. Searchability of any metadata such as keywords, email, photo id, etc.
3. Real-time insertion: From the time a photo or video is submitted to the time it appears on screen and is dynamically added (6 to 12 seconds). This time may vary depending on the submission queue.
4. Semi-random filling mosaic (real-time): As photos and videos are submitted, they are placed into the mosaic in the best location at that given moment. This typically fills the mosaic in a semi-filled, checkerboard like pattern. However, the fill pattern depends primarily on the target source image and the content of the submissions.
5. Hover & click mosaic viewer: The mosaic will feature 'hover & click' as the main mechanism for exploring and pulling up photos and videos. The mosaic viewer can take advantage of the full screen using the "full screen button" or be placed within an iframe or parent window. The viewer is fully iPad and iPhone compatible (HTML5).
6. Photo and video enlargement on click: Supports further interactivity and sharing regarding selected submission.
7. Dynamic photo and video PopOut animation: A dynamic animation will run showcasing all of the submissions in the mosaic in a pop-out and pop-in fashion. There can be 1 to 30+ photos or videos on the screen at one time (i.e. popping out simultaneously) depending on the client's needs. Other configurations are possible.
8. Target location boxes: For all valid searches (or external direct links), a dynamic highlight box will be placed around all target photos and videos.
9. Enlarge photo: Once a user has searched for or selected a photo, he or she has the option to enlarge the photo at a higher resolution.
10. Video playback: Once a user has searched for or selected a video, he or she has the option to play the video at a higher resolution.
11. Rate, vote, or "like" a photo or video: This feature allows a user to rate (or vote for) a particular submission. Likewise, the user can "like" a particular photo or video. Ratings, votes, views, and "likes" are averaged and displayed. A "top photos/videos" bar can be implemented with this data.
12. Where's The Photo? contest: On a periodic basis (daily, weekly, etc.), a Where's Waldo®-like contest can be put in place. Users will have to find a specific photo or video based on a general description (typically posted on a Facebook page). For example, in the Meow Mosaic, a Facebook post called out to "find the kitty with a gnome". Once found, a unique "found me" button is displayed and the user will be guided through two simple steps to be entered into the contest and be eligible to win the prize.
13. Post a comment button: This feature allows a user to post a comment regarding the currently selected photo or video (requires login). Owner of the photo or video is then notified that a comment was posted (optional).
14. Mosaic chatter feed with RSS support: A dynamic clickable list of all recent comments posted about photos or videos in the mosaic. Can be tied-in with Twitter or other feed/post sites.

15. Tag cloud or hot links: A dynamic, clickable, and weighted 3D tag cloud associated with the most popular keywords. Clicking will trigger a search and/or photo tour. Likewise, simple hot links can trigger predefined photo tours within the mosaic.
16. Top photos/videos bar: a component to display submissions based on hits, rankings, views, number of comments, etc.
17. PayPal donation acceptance and integration: A front end can be added to the submission flow that requires users to donate prior to submitting a photo or video. This adds the "buy a brick" concept to the mosaic.
18. Mosaic posters and merchandising options: The mosaic can be configured to allow purchasing of mosaic posters and other photo related merchandise right through the mosaic. Production of prints and posters can be handled at Picture Mosaics' onsite production studio or by an approved third party vendor. Additional photo merchandise options can be made available through third party vendors such as Zazzle.com. Typically these vendors can offer upwards of a 35% kickback for each purchase.
19. Social linking and networking (Facebook and Twitter) from within the mosaic to share the mosaic as a whole or a particular photo or video. [see Facebook/Twitter Integration Options below]
20. Email notifications: Confirmation/approval emails sent to users including optional direct-tunneling links (see description above) to his or her photos or videos within the mosaic.
21. CMS (content management system) compatible with alternate/optional login support.
22. Supports all major browsers including Android Mobile OS.
23. Full iPad and iPhone support (HTML5).

Facebook, Twitter, & Instagram Integration Options

1. Full Facebook integration: Using Facebook Connect or having the mosaic as Facebook application, the mosaic will be able to become "linked" with all of the available sharing and communication features of Facebook.
2. Friend Finder: If the user has any Facebook friends with photos or videos in the mosaic, they can be displayed as hotlinks to take the user on a tour of all submissions from that friend.
3. Share this photo: when exploring the mosaic, a user can share a selected photo or video with a direct link to its place within the mosaic. Sharing via Facebook, Twitter, email, and other social networking or photo sharing sites. Sharing the mosaic as a whole is also possible.
4. Direct linking (from Facebook sharing, Twitter sharing, email notification/sharing): Using an external shared link, the user is directed to the mosaic and auto-performs a search to pull up the photos and videos of interest.
5. Photo and video comments can be posted to your Facebook wall/news feed in addition to being posted within the mosaic.
6. Facebook "Like" a particular photo or video. "Likes" are shared on a user's wall with a link tunneling them directly to that submission. "Likes" can also be used as votes, which we can track. This allows for unique contest opportunities with social and viral elements automatically built in.
7. Twitter hashtag: a tweet containing a specific hashtag can be used to submit a profile photo or Twitter photo/video to the mosaic. The username and text portion of the tweet can be used as part of the submission.
8. Instagram hashtag: an Instagram post containing a specific hashtag can be used to submit a photo or video to the mosaic. The username and text portion of the post can be used as part of the submission.
9. Facebook Comment plug-in: a post can trigger a profile photo submission. The username and text portion of the post can be used as part of the submission.

Photo & Video Submission: Basic Features and Options

1. Advanced photo and video submission with online cropping tool and optional Facebook connectivity for easy album and photo selection. Still-frame cropping tool available for video submissions.
2. Facebook Connect for optional user login.
3. Additional information capture: photo or video caption, stories, targeted questions, tags, etc.
4. Straightforward multi-photo and video upload flow with optional upload limit feature.
5. Full Mobile MMS submission support.
6. Donation system (optional): During the time of upload, users can be required to make a donation via PayPal; a great option for fundraising campaigns.
7. Optional anti-spam captcha (fuzzy text) for verification of human users.
8. Administrator submission moderation: The task of reviewing photos and videos for content prior to analysis and insertion into the mosaic. Picture Mosaics can take on the task of photo moderation based on guidelines set by the client. Moderation can also happen after submissions are integrated into the mosaic (i.e. post-inclusion moderation).
9. Story and caption blacklist: For user-submitted stories and captions, a list of unapproved words/phrases can be used to keep submissions from making their way into the mosaic.
10. Email notifications sent to users with confirmation/approval HTML message. Optional direct-tunneling links (see description above) to his or her photos or videos within the mosaic.

Alternate Photo & Video Submission Using Hashtags or Direct Facebook Posts

1. Twitter hashtag: a tweet containing a specific hashtag can be used to submit a profile photo or Twitter photo/video to the mosaic. The username and text portion of the tweet can be used as part of the submission.
2. Instagram hashtag: an Instagram post containing a specific hashtag can be used to submit a photo or video to the mosaic. The username and text portion of the post can be used as part of the submission.
3. Facebook Comment plug-in: a post can trigger a profile photo submission. The username and text portion of the post can be used as part of the submission.

Sneak peak at what's in development for RISM 4.0

(Launch date: TBD)

1. Dedicated iPhone/iPad and Android mobile apps to directly submit photos and explore the mosaic.
2. Photo geo-tracking integration.
3. More socially viral interactive features and widgets!

See live examples of interactive and social mosaics here:

www.picturemosaics.com/online

www.picturemosaics.com/event