

Massachusetts Biotechnology Council

Azure B2C Authentication and Event Display / Registration Updates

Issued: June 14, 2018



Getfused, Inc.

285 Summer Street, Suite 100

Boston, MA 02210



TABLE OF CONTENTS

Project Overview	3
Background	3
Statement of Work	4
Azure B2C Authentication.....	4
APIs List	4
User Interaction with Web and Event Portal.....	4
Log In Scenarios / Site Modifications	4
“My Account” Scenarios / Site Modifications.....	5
“My Company” Site Modifications	6
Event Management and Display	6
Error Handling log.....	7
Synchronization / Web Service Updates	7
Assumptions	8
Project Timing & Investment	9
Acceptance.....	10



PROJECT OVERVIEW

BACKGROUND

Getfused will be working closely with GraVoc and MassBio as we collectively begin the process of unwinding the complexities that currently exist in the two-way synchronization integration between the web and CRM and the webservice between the web and Eventbrite. It has been determined that the first order of operation will be to remove the role of user authentication from the web and to the Azure B2C authentication web service. Both the web and the proposed Event Portal will be authenticating users from this service. The second order of operation will be to remove Eventbrite from the event registration process. The Event Portal, to be launched by GraVoc, will handle the display of event information and registration.

This will require Getfused to update the following event logic:

- Disable existing MassBio event synchronization integration logic for MassBio event details between the CRM and web.
- Disable existing MassBio event content management capabilities on the web. MassBio will manage all event information, including images, logos and agenda via the CRM.
- Disable the existing web service calls from the web to Eventbrite.
- Disable the web hook between Eventbrite and the web.
- Disable the existing event synchronization logic for event registrations between the web and CRM. This alone is the cause for many of the synchronization integration pauses.

MassBio will be able to close the Eventbrite account upon completion of this work. Please note the synchronization integration will still be running in a two-way manner for information other than user account information and event information. In a series of subsequent scopes, Getfused and GraVoc will continue to reduce and ultimately remove the two-way synchronization of information between the web and CRM.



STATEMENT OF WORK

AZURE B2C AUTHENTICATION

Getfused will work with GraVoc and MassBio in accordance with MassBio approved technical design specification document created by GraVoc. The CRM will control the profile information. Updates when possible will be done directly on the CRM.

Any updates needed by the web to the CRM will go through an API provided by GraVoc, a web form not part of the web or the new Event Portal. Getfused will provide a list of APIs with properties that will be passed for update. No existing JSON structure currently exists and will need to be created by Getfused.

APIs LIST

The following is a list of API's to be provided by GraVoc

- Events
- User Authentication (login, password reset, create)
- User Profile Information

USER INTERACTION WITH WEB AND EVENT PORTAL

In this initial phase of work, Getfused will be sending users to the event portal to accomplish the following:

- Sign up for site access (Create an Account)
 - Check for membership based on domain
 - Email confirmation
- Reset Password
- User Profile Management (MassBio will be expanding this from what is available on the web now)
- Event Registration

As we send folks to update their profile or reset password, we will be sending a return URL. This will allow GraVoc to redirect them to this prescribed web site URL upon update. This will provide the user with a seamless web experience.

It is our goal that over time the Event Portal will become more of a Member Portal with "My Account" and "My Company" and their respective subpages living in the portal.

LOG IN SCENARIOS / SITE MODIFICATIONS

Scenario 1 - User attempts to log into existing account by clicking on the "Log In" button in the header of the site or by going to the login page (<https://www.massbio.org/login>) The user will still have the ability to select "remember me" when logging in. Getfused will remove the web logic surrounding this functionality, as it will be handled by Azure. Getfused will continue to pre-validate the login for a properly formatted email address. Getfused hits B2C via the web service and upon success logs the user into the site and is taken to the page they were on when clicking the header button or the page the user was attempting to load before being taken to the login page to authenticate.

4



Getfused will remove the existing login logic from the code base and may remove unnecessary fields from the database (i.e. password) as it will no longer occur in the web platform.

Scenario 1a - If login attempt failure, the user will be redirected back to the login page and generic display message will be shown asking the user to check their information and try again. Getfused can no longer provide specific messaging (i.e. <https://www.screencast.com/t/bH38Lu2jM3>) unless Azure will be providing us with exact reasons for failure.

Scenario 2 - User attempts to log into existing account by clicking on the “Log In” button in the header of the site or by going to the login page (<https://www.massbio.org/login>) but has forgotten their password and clicks on the link “Forgot your password?”. Getfused will link the user to “Password Reset” on the Event Portal. Upon update the user will be returned to the login page on the web (<https://www.massbio.org/login>)

Getfused will remove the forgot password page (<https://www.massbio.org/forgot-password>) and clean up the application logic surrounding the function as it will no longer occur in the web platform.

Scenario 3 – User clicks on the “Create an Account” button in the header to the web site or from the login page (<https://www.massbio.org/login>). Getfused will link the user to “Sign up for Site Access” on the Event Portal.

Getfused will remove (<https://www.massbio.org/create-account-screener>) and clean up the application logic surrounding the function as it will no longer occur in the web platform.

Scenario 4 – The user is not logged in and clicks on a protected link (i.e. knowledge base article). The user is taken to the existing login page (<https://www.massbio.org/login>) and notified they must be logged in to view that page. Similar to **Scenario 1** the user will enter account information. If successful, the user will be taken to the page they were requesting (i.e. knowledge base article details).

“MY ACCOUNT” SCENARIOS / SITE MODIFICATIONS

Scenario 1 – The user is logged in and clicks on the “My Account” button in the header of the site and is taken to the “Manage My Profile” page (<https://www.massbio.org/my-account/manage-my-profile>). The information on the page will continue to be pulled from the local web copy of the database as we seek to continue a one-way synchronization from the CRM to the web using the existing synchronization process until the entire “My Account” section is moved to the Event Portal.

- If the user clicks on the “Change Password” hyperlink, they will go to “Password Reset” on the Event Portal. Upon reset the user will be taken back to the “Manage My Profile” page.
- If the user clicks the “Edit” hyperlink next to Contact Info they will go to “Profile Management” on the Event Portal. Upon update/edit the user will be taken back to the “Manage My Profile” page.

Scenario 2 – The user is logged in and clicks on the “My Account” button in the header of the site and then clicks on the “My Events” Page. The user will be taken to the Event Portal to see a listing of upcoming MassBio events they have registered for and a listing of past MassBio events they have attended.



Getfused will remove (<https://www.massbio.org/my-account/my-events>) and clean up the application logic surrounding the function as it will no longer occur in the web platform.

“MY COMPANY” SITE MODIFICATIONS

Scenario 1 – The user is logged in and clicks on the “My Company” button in the header of the site and then clicks on the “Staff” Page. The user will continue to see a listing of employees, membership contacts and chief roles as pulled from the local web database.

- Getfused will remove the ability for permissioned users to “Add an Employee”. This feature can be added to the Event Portal in the future.
- Getfused will remove the ability for permissioned users to “edit” or “remove” users. This feature can be added to the Event Portal in the future.
- Getfused will remove the ability for permissioned users to “manage membership contact”. This feature can be added to the Event Portal in the future.
- Getfused will remove the ability for permissioned users to “manage chief roles”. This feature can be added to the Event Portal in the future.

Scenario 2 – The user is logged in and clicks on the “My Company” button in the header of the site and then clicks on the “Event Attendance” Page. The user will be taken to the Event Portal to see a listing of past MassBio events attended by anyone from the member company.

Getfused will remove (<https://www.massbio.org/my-account/my-events> <https://www.massbio.org/my-company/event-attendance>) and clean up the application logic surrounding the function as it will no longer occur in the web platform.

EVENT MANAGEMENT AND DISPLAY

The web will continue to display upcoming MassBio events on the homepage and a listing of filterable MassBio and Member events on the event listing page.

Event Assumptions / Requirements

- MassBio will be managing (add, edit, delete) all MassBio event information (including images) directly on the CRM. Events will no longer be managed using the web CMS tools.
- All MassBio event registrations will occur via the Event Portal. Event registration will no longer use Eventbrite.
- Getfused will remove any synchronization of event data in any direction from the existing web CRM synchronization integration.
- Event details will be viewed on the Event Portal. Only listing information will be stored and display on the web.
- Getfused will work with MassBio and GraVoc to determine the event information required for display on the web. At a minimum we recommend:
 - Event CRM ID
 - Event Title



- Event Thumbnail
- Event Start Time
- Event End Time
- Abstract
- Event Details Portal URL
- Location
 - Name
 - Address
 - City
 - State
 - Postal Code
- Tags
 - Getfused will update the existing web event table to remove data fields no longer required or add new fields for display on the web (i.e. ticket quantities and types)
 - Getfused will develop a callback function and provide a URL for GraVoc to post any event changes (new, updated, deleted). This will allow near real time updates between the CRM and web.
 - The web will continue to display upcoming MassBio events on the homepage and a listing of filterable and searchable MassBio and Member events on the event listing page. Related events will continue to appear where ever pages templates currently allow.

Tags will be managed by MassBio in the CRM and updated in the existing web tables. This will allow users to still filter event by tags. Members will still have the ability to select from a predefined list of tags.

Event categories currently appear in the listing but are not used for filtering the lists. We are recommending categories be removed going forward. Getfused will remove the category field from the member event posting form as well (<https://www.massbio.org/my-company/post-event>).

Getfused will be removing the Event Archive from the web (<https://www.massbio.org/events/event-archive>) and clean up the application logic surrounding the function as it will no longer occur in the web platform.

ERROR HANDLING LOG

Getfused does not see a need to store or access Portal errors at this time. We will continue to log errors occurring on the web and when interfacing with the new API calls.

SYNCHRONIZATION / WEB SERVICE UPDATES

Getfused will retire the web service function that creates events on the Eventbrite platform and remove any application process associated with the Eventbrite integration.

Getfused will retire the Eventbrite callback logic that takes registration information from Eventbrite and synchronizes it with the CRM.

Getfused will modify the existing synchronization integration between the web and the CRM to:

- Remove event data synchronization in either direction. We will rely on the API going forward.



ASSUMPTIONS

- ✓ The “Sign up for site access” (create account) feature on the event portal will have the logic to screen the email address to determine if the user’s company is a member or not and redirect the user to complete the set up or join.
- ✓ Updating email preferences will remain as is for this initial phase of work.
- ✓ The Member Application will remain as is for this initial phase of work.
- ✓ Getfused will be able to redirect a logged in web user from My Account/My Events to the Event Portal to view listing of upcoming and past MassBio events the user has registered for.
- ✓ Getfused will be able to redirect a logged in web user from My Company to the Event Portal to view a listing of past events attended by their specific company



PROJECT TIMING & INVESTMENT

The hours indicated below are estimates. Getfused will provide weekly Work in Progress (WIP) reports throughout the project life cycle to maximize budget transparency with the MassBio team. Through this reporting, MassBio will be better able to assist Getfused in decision-making to keep the project on budget.

At the end of each month, an invoice will be sent for the number of hours used during the previous month. This billing approach will provide MassBio the ability to see the level of effort and provide the ability to adjust the scope or secure more budget if necessary. If there are any remaining budgeted hours at the end of the project they will not be billed.

Dependent on Sign Off of the Agreement by July 9, 2018, Getfused will kick off this project on or before August 1, 2018. We are estimating a period of three (3) months to complete this project.

	Hours	Subtotal
Project Management \$175/hr.	24	\$4,200
User Experience Professional \$175/hr.	16	\$2,800
Development Professional \$175/hr.	200	\$35,000
Front-End Professional \$175/hr.	16	\$2,800
QA/QC \$175/hr.	18	\$3,150
	TOTAL	\$47,950



ACCEPTANCE

This scope is valid for 90 days. IN WITNESS WHEREOF, the parties have caused this Statement of Work to be executed by their respective duly authorized officers and attached to the Master Agreement originally dated May 1, 2015.

GETFUSED, INC.

MASSACHUSETTS BIOTECHNOLOGY COUNCIL

By: _____

By: _____

Name: _____

Name: _____

Title: _____

Title: _____