iConnect 144135 Support branding in emails

Clients have requested that FireLight support branding in emails where the firm's logo and colors will be included in the email. This will require FL-App to support HTML in emails.

Project Overview

Enhance the FireLight email functionality to support HTML which will allow clients to have branding in emails. When a user sends an e-mail to their client, it needs to be formatted with client logo and colors.
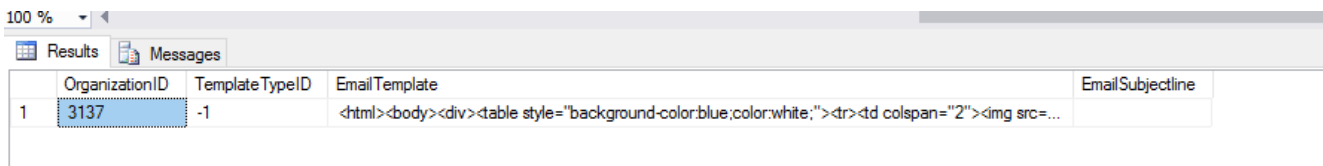
Features/Requirements

- Modify the code to support html format in email
- Show a preview of the email in the admin – email profile page

Use Cases / Workflow Changes

There are no changes to the normal workflow of the system.

Admin Changes

- We will insert a row in "Evergreen_Dev_Master_Config" DB in "OrganizationEmailTemplate" table with TemplateTypeID = -1 to indicate HTML template row and in EmialTemplate coloumn save HTML template.
    - On Email profile page, we will show a formatted email to the user if the HTML template exists in database. (See UI Screen shot below.)

	OrganizationID	TemplateTypeID	EmailTemplate	EmailSubjectline
1	3137	-1	\<html>\<body>\<div>\<table style="background-color:blue;color:white;">\<tr>\<td colspan="2">\<img src=...	

- In shared, created a method called **BuildEmail** in **ApplicationManager** class, which will return EmailRequest object after applying HTMl formatting if it exists.
- In this method, pull HTMl template using "EmailTemplateTypes.EmailBranding" enum, replace $$EmailBody$$ tag in html content with email-content specified by the User.
- Added two new properties in EmailRequest class,
    - "OrgLogoView" to embed Carrier Logo in email
    - "isBodyHTML to allow HTML in email . If HTML template does not exist than plain text will be sent in the email without html formatting.

App Changes

FireLight will use the new method of BuildEmail in each method that is being called to send emails to the client/agent. This will return EmailRequest object which can be used to send formatted emails.

Integration Changes

There is no change in Integration Process.

UI Mock Ups

Here is the sample HTML template for an email:

<html><body><div>

<table style="background-color:blue;color:white;">

<tr><td colspan="2">

</td></tr><tr><td></td>

<td>$$Body$$</td></tr></table></div></body></html>

Here is the sample Email using the HTML template.

This application has been processed and approved by the reviewer and has been released to the carrier. Please contact the carrier if you have any further questions about the status of this application.

Copy of Low TestQ - FSE WL Product

On Admin Email Profile page

How to Enable and Use This Feature

Clients will submit their HTML template to their project manager. The HTML template will be loaded by Insurance Technologies, very similar to the initial branding setup. This will ensure that the HTML is valid and setup correctly.

Areas Impacted

System Area	Yes	Comment
Admin Tool	yes	
- **Form Library**		
- **Design Forms**		

- **Profile Administration**	yes	Email view-show preview of email if HTML template exist.	
- **Reports**			
- **Deployment**			
FireLight App			
- **New Application**			
- **Edit Application**	yes	ClientFillEmail and `ClientFillAndSignEmail` method	
- **Signature Process**	yes	`ClientEmail`	
- **Review Queue**	yes		
- **Manual Review**			
- **User Preferences**			
- **Inbound Integration**			
- **Outbound Integration**			
- **PDF Generation**			
- **Email System**			
		All method from which we are sending e-mails.	
FireLight Console			
- **Windows**			
- **iOS**			
Other Systems			
- **DTCC Integration**			
- **Commission Netting**			
- **Activity Reporting**			