



## iConnect 170214 Design Document

### **Project Overview**

Add 2 Factor Authentication for direct user logins into FireLight. For clients that have a direct login into FireLight, add an organization setting that requires two-factor authentication before allowing access into FireLight.

#### Features/Requirements

If 2-Factor Authentication is enabled in Organization profile (see below), the next time a direct login user for that organization logs into FireLight, a 2 factor secret will be created for their account and they will be prompted to register it into their authenticator app.



To register the secret, the user can either scan the bar code or type the secret text into their authenticator app. The secret is compatible with Google Authenticator, Authy, or any other authenticator app that supports time-based one-time passwords (RFC 6238).

Now, each time that user logs into FireLight, after entering their username and password, they will be prompted to enter the current code generated by their authenticator app.







After the password and code are validated, they will be logged into FireLight.

If the user needs to re-register their 2-factor secret in the future, they will need to contact a FireLight administrator to reset their 2-factor secret, after which they will be prompted to register a new secret the next time they log in to FireLight.





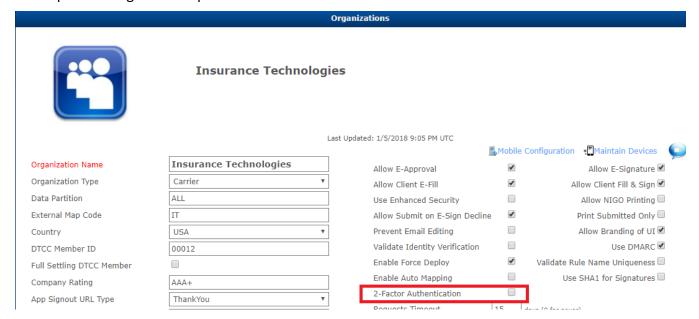


## **Use Cases / Workflow Changes**

No changes in existing workflow.

## **Admin Changes**

New option in Organization profile to enable 2-Factor Authentication.



## **App Changes**

None

## **Integration Changes**

None

#### **UI Mock Ups**

#### **How to Enable and Use This Feature**

This feature will be available for all direct login user accounts.





# **Areas Impacted**

System Area	Yes	Comment
Admin Tool		
- Form Library		
- Design Forms		
- Profile Administration		Organization profile – option to enable 2 Factor Authentication
- Reports		
- Deployment		
FireLight App		
- New Application		
- Edit Application		
- Signature Process		
- Review Queue		
- Manual Review		
- User Preferences		
- Inbound Integration		
- Outbound Integration		
- PDF Generation		
- Email System		
FireLight Console		
- Windows		
- iOS		
Other Systems		
- DTCC Integration		
- Commission Netting		
- Activity Reporting		
- STS Accounts	Х	2-Factor Authentication