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# The 2023 PAPERS Spring Forum

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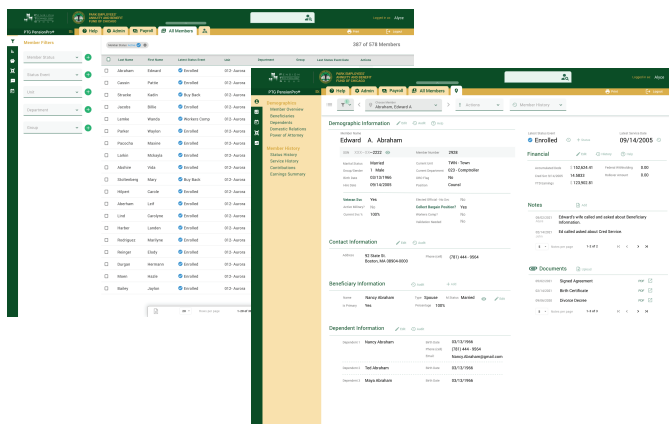
# PensionPro+

## Technology Stack Overview

The core technological architecture employed by PensionPro+ is web based, allowing us to run the application in the highly elastic environment that is Microsoft Azure and deploy the PensionPro+ functionality to our end users via a browser running at the client's desktop. This arrangement allows the administrators to focus on pension administration without all the usual problems that accompany installed software.

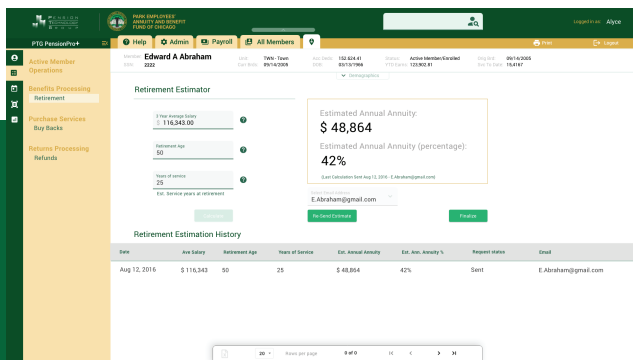
## Member management

Quickly identify specific members through advanced filtering mechanisms and take immediate action on them by leveraging their Quick Actions. Do a deep dive of an individual member by performing tasks that are only applicable to that member using the application's Context-driven management features.



## Calculations / Operations

For members that are contemplating a change to their status (ie. doing a buy back or going into retirement), administrators can quickly respond to scenario-based requests estimates and send those estimates to the member should they choose. Should the member decide to move forward with that estimate, it can easily be finalized and the subsequent workflows to adjust their status is initiated.



## Technology Value Points

- Hosted by Microsoft Azure, a proven leader in securing apps hosted in the cloud. Their SOC 1 Type II, SOC 2 Type II, and SOC 3 certified data centers are guarded 24 x 7 x 365 and card key access is required to enter the facility. Their trained security staff will manage the security infrastructure including firewalls.
- Data at rest within the Azure SQL databases will be encrypted using 256-bit AES (Advanced Encryption Standard) encryption, an encryption standard certified by the federal government's National Institute of Standards and Technology. Encryption keys are never stored on any of the servers within our security perimeter, further protecting the integrity of the data.
- Passwords to the application must be changed on a periodic basis, cannot be reused, need to have both numeric and alpha-numeric characters and are completely isolated away from standard application data using an industry leading 3rd Party service in identity management and security.
- Database changes made by the user or application are captured in an audit history file, allowing the administrator to understand who is making what changes to the data and when. A must have for the complex regulatory environment that accompanies pension administration today.
- Application security restricts access to screens and/or fields by user group. New, update and delete security can further restrict what updates to the data user groups can make. Location security can prevent administrators in one group from viewing members in a different group.
- At the application level, all transactions request variables are inspected to ensure that they match a signature that has been defined for the transaction. If the signature does not match, the transaction is blocked.

For more information or to request a demonstration, please contact:



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## Unlocking Opportunities in Emerging Markets (EM)

Many of the core issues confronting developed markets—inflation, monetary tightening, equity-market derating, and downward earnings adjustments—are playing out differently in EMs. In many cases, EMs are further along, creating opportunities for investors.

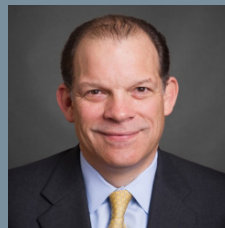
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