# SharePoint for Extranets
# Extranets in Office 365
# SharePoint Online

Presented by Peter Carson
President, Envision IT

February 20, 2015

envision IT

Leaders in SharePoint Solutions

# Peter Carson

- President, Envision IT
- SharePoint MVP
- Virtual Technical Specialist, Microsoft Canada
- peter@envisionit.com
- http://blog.petercarson.ca
- www.envisionit.com
- Twitter @carsonpeter
- VP Toronto SharePoint User Group

# Hugh Davidson

Business Development Manager, Product Sales

- e: [hdavidson@envisionit.com](mailto:hdavidson@envisionit.com)
- p: (905) 812-3009 x222

# Denesh Sohan

Director of Products

- e: [dsohan@envisionit.com](mailto:dsohan@envisionit.com)
- p: (905) 812-3009 x298

# Corey Thokle

Project Manager

- e: cthokle@envisionit.com
- p: (905) 812 3009 ext.248

# Agenda

- Introduction to Extranets
- Office 365 Authentication Options
  - Microsoft Accounts, Azure Active Directory Sync, and ADFS
- Extranet Scenarios in Office 365
  - External sharing using Microsoft accounts or other federated users
  - Licensing of external users as subscribers
- Using Extranet User Manager to create and manage the external users
  - Self-registration and approval, delegated user management, forgotten password reset
  - Leveraging the Graph API to provision and license those users in Office 365
- Wrap-Up and Q&A

# What is an Extranet

- An Extranet is a web site that is accessible to users outside of the corporate network, which allows organizations to share information and collaborate with their customers, partners, and/or vendors in a secure and easy-to-use environment

- The Extranet may be added as a module into the Intranet site to only allow external users into specific sub-sites of the Intranet

# Extranet User Manager
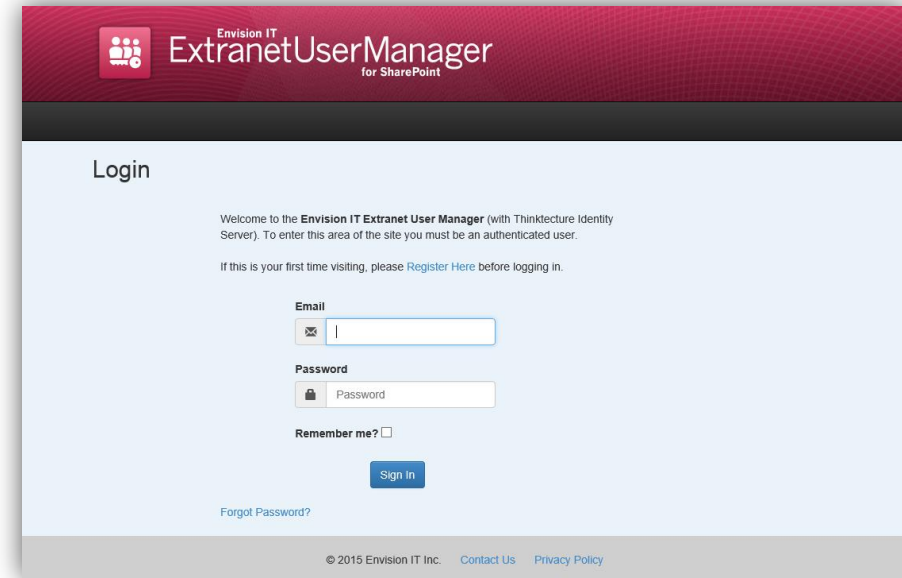


- Easy delegation of user management to business
- Self-registration, approvals, forgotten password reset
- Simplified login for both internal and external users

# Extranet Clients

## Non-Profit

**Boys & Girls Clubs of Canada**
Canada

**Centre for Addiction and Mental Health**
camh Centre for Addiction and Mental Health
Canada

**United Way of Calgary**
United Way Calgary and Area
Canada

**Heart & Stroke Foundation of Ontario**
HEART & STROKE FOUNDATION
Canada

**YMCA of Greater Toronto**
YMCA GREATER TORONTO
Canada

## Government/Public Organizations

**State of Colorado**
USA

**Supreme Court of Victoria**
Australia

**Redland City Council**
Redland CITY COUNCIL
Australia

**National Physical Laboratory**
NPL National Physical Laboratory
UK

## Utilities

**Alberta Utilities Commission**
AUC Alberta Utilities Commission
Canada

**Fortis Alberta**
FORTIS ALBERTA
Canada

**Ontario Power Generation**
ONTARIO POWER GENERATION
Canada

## Health Care

**Public Health Ontario**
Public Health Ontario | Santé publique Ontario
Canada

**SickKids Hospital**
SickKids
Canada

**Terumo BCT**
TERUMOBCT
USA, Global

## Education

**Education Quality and Accountability Office**
EQAO
Canada

**Blue Water District School Board**
Canada

## Legal

**Stikeman Elliott**
STIKEMAN ELLIOTT
Canada, Global

## Real Estate/Retail

**Cadillac Fairview Corporation**
Cadillac Fairview
Canada

**LNR Property LLC**
LNR Property LLC
USA

**Land Securities**
LandSecurities
UK

**Loyalty One**
LoyaltyOne
Canada

## Financial

**Citi**
citi
Canada

**Transamerica Life**
TRANSAMERICA Life Canada
Canada

**Lombard Canada**
LOMBARD INSURANCE GROUP
Canada

## Manufacturing/ Construction/Mining

**Russel Metals**
Russel Metals
Canada

**Flynn Canada**
FLYNN
Canada

**Alcan Cable**
ALCAN Alcan Cable
Canada

**Johnson Outdoors**
JOHNSON OUTDOORS
USA

**Technip**
Technip
USA, Global

**Kinross Gold Corporation**
KINROSS
Canada

**Grontmij**
Grontmij
Netherlands, Global
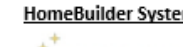
**Constellation HomeBuilder Systems**
CONSTELLATION HomeBuilder Systems
Canada

## Aviation

**Montreal Airport**
AÉROPORTS DE MONTRÉAL
Canada

**Los Angeles World Airports**
Los Angeles World Airports
USA

**NAV CANADA**
NAV CANADA
Canada

**Trax USA Corp**
Trax
USA

## Technology

**The SCE Group**
THE SCE GROUP
USA

**Mercury Systems**
MERCURY SYSTEMS
USA

**Restaurant Sciences**
RESTAURANT SCIENCES
USA

**Sony Mobile Communications**
SONY make.believe
Sweden, Global

envision IT
Leaders in SharePoint Solutions

Envision IT
ExtranetUserManager
SharePoint

# Public Health Ontario

- [www.publichealthontario.ca](http://www.publichealthontario.ca)

- Public web site hosted on SharePoint 2010

- Leverages Forefront FIM and UAG, and FAST Search

- EUM used for registration, profile, and forgotten password reset
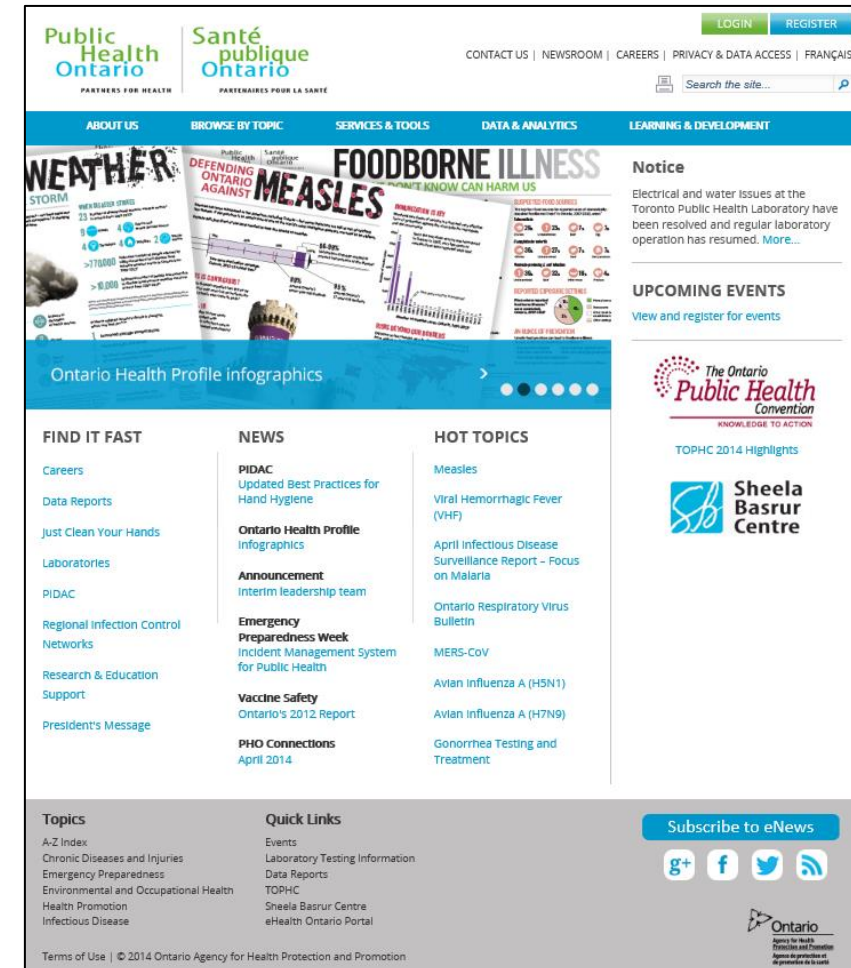
# Site Overview
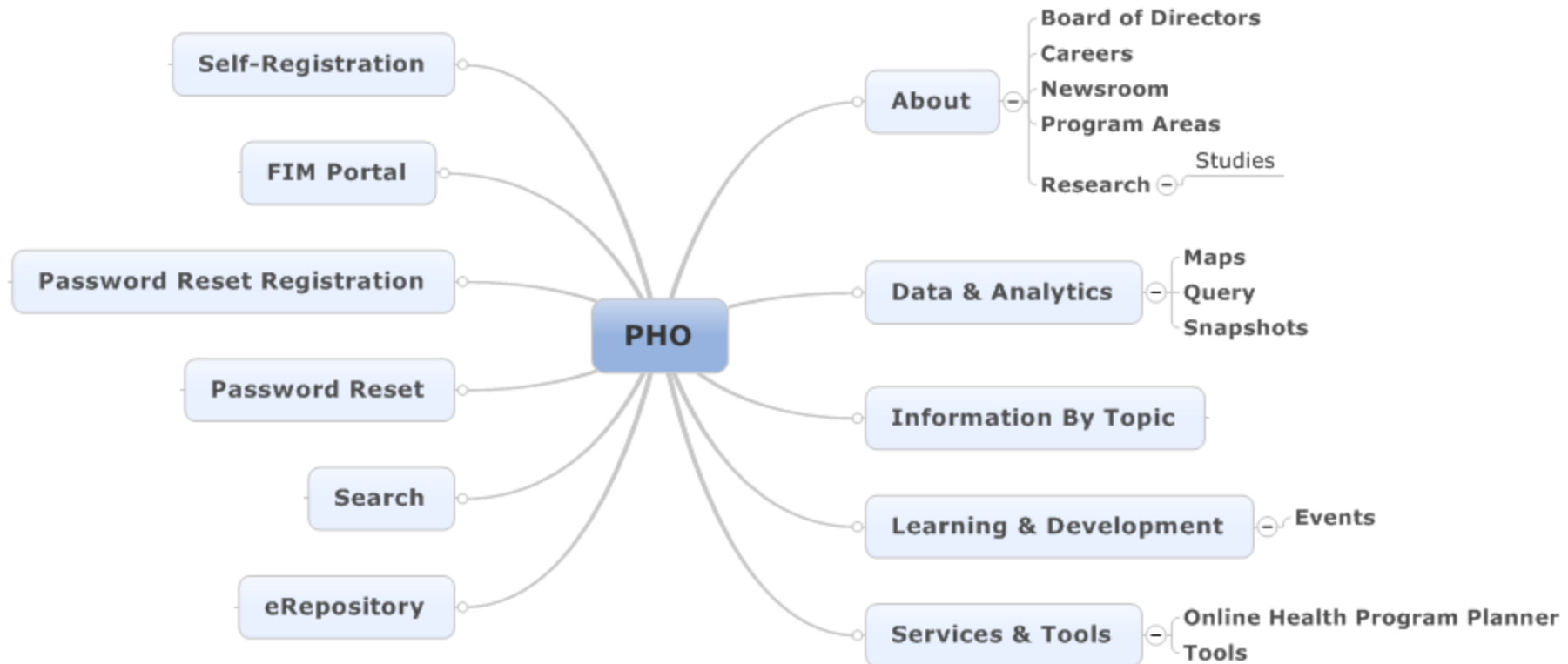
# PHO Infrastructure
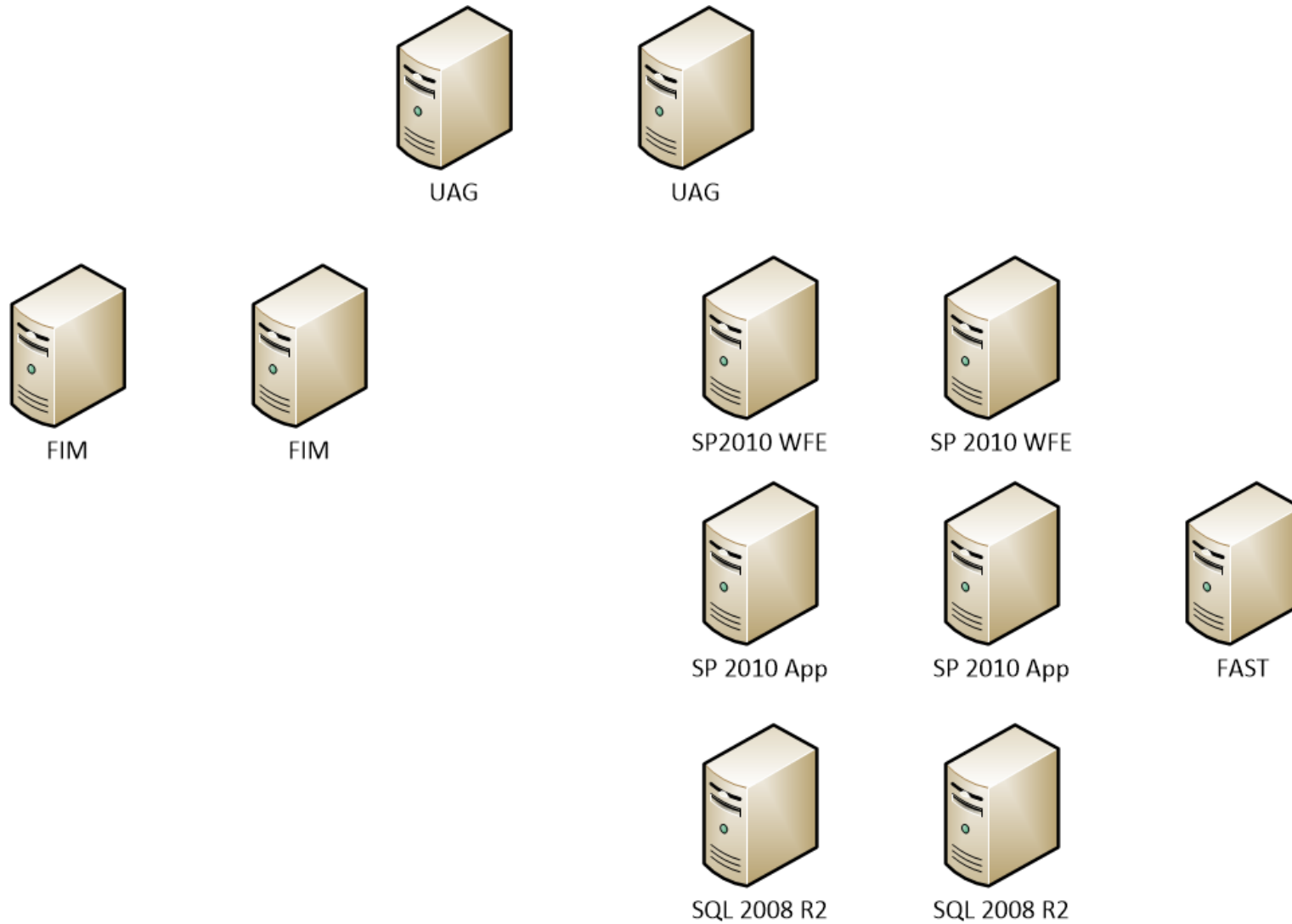
# Registration

- Anyone can register an account for Level 1 access
  - No approval process
  - No additional content provided
- Level 2 is for Public Health Unit staff
  - Approval workflow directs to the appropriate Public Health Unit outside of the PHO
  - FIM manages the approval process

# Log On

- Customized UAG login page
- Login with email address
- Register and forgotten password links
- Branded

# Poll 1

Which Version of SharePoint are you currently using?

- Office 365

- SharePoint Server 2013

- SharePoint Server 2010

- SharePoint Foundation (2010 or 2013)

- MOSS 2007 or WSS 3.0

# Poll 2

How do you use SharePoint today?

- Internal collaboration

- Internal web publishing (Intranet)

- Extranets

- Public facing website

# Extranet Scenarios

# Office 365 Authentication Options

| Cloud Identity | Directory and Password Synchronization | Federated Identity |
|:---:|:---:|:---:|
| Office 365 | Office 365 | Office 365 |
| Windows Azure Active Directory | Windows Azure Active Directory | Windows Azure Active Directory |
| | DirSync and Password Sync | Federation / User Sync |
| | On Premise Identity | On Premise Identity |
| No Integration | Integration with no federation | Single federated identity and credentials |
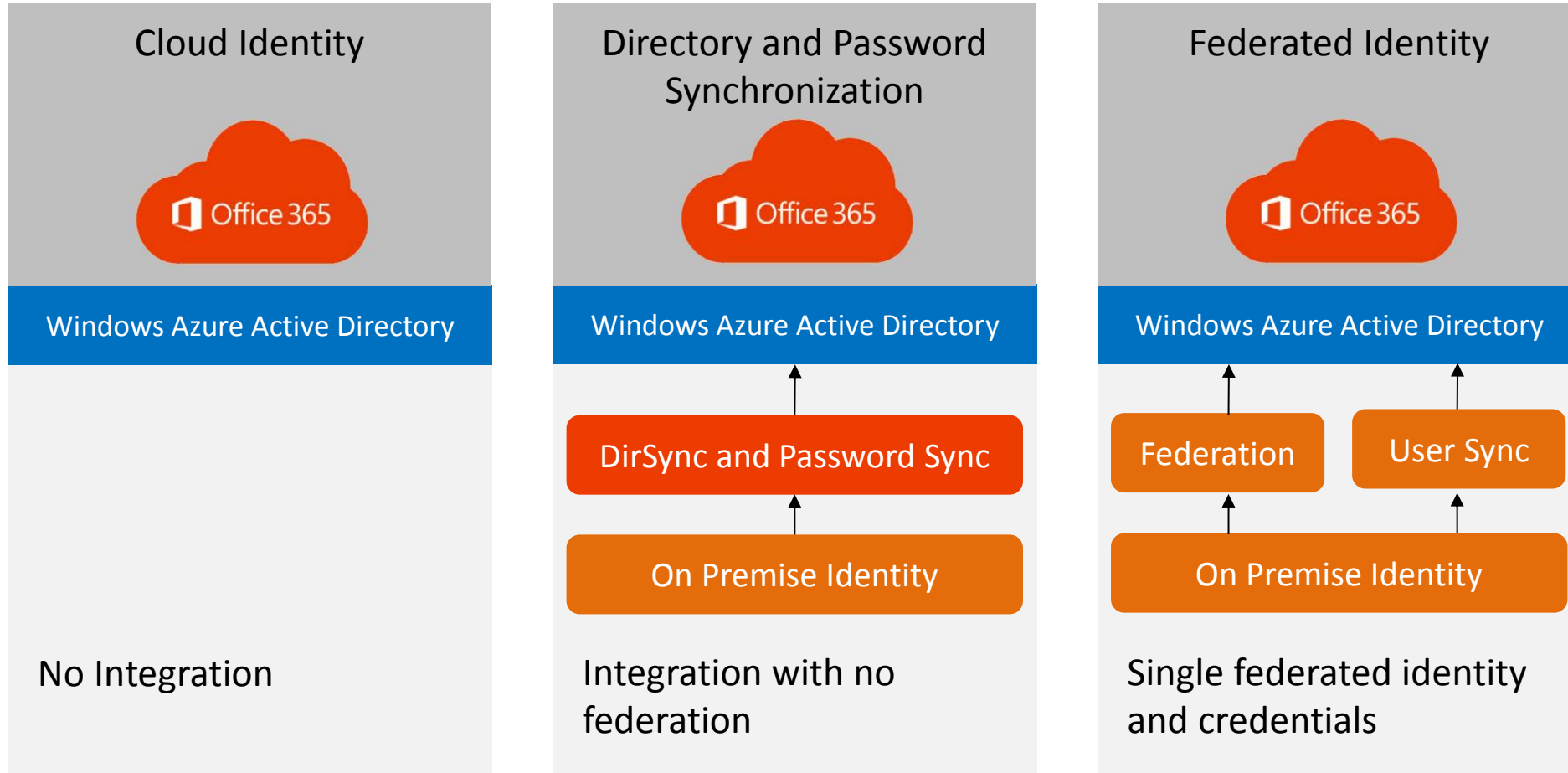
# Windows Azure Active Directory

- All Office 365 users have a WAAD shadow account

- DirSync can create WAAD accounts for all your AD users
  - Password Sync can also sync your passwords
  - Doesn't provide Single sign-On, but does allow users to use the same password on premise and in the cloud
  - Syncs a hash of the password, rather than the password itself

- PowerShell or Graph API (REST interface) can also be used to manage WAAD

http://technet.microsoft.com/en-us/library/dn441212.aspx
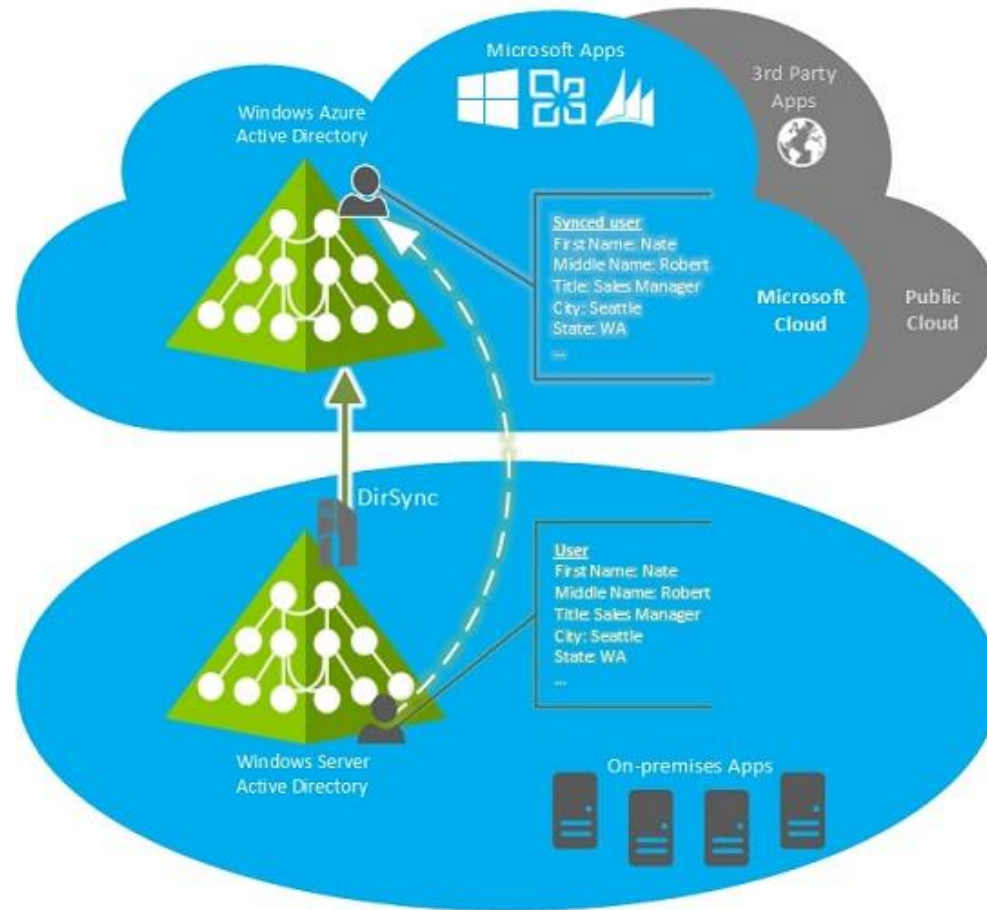
# SharePoint Extranets – Office 365



- Up to 10,000 free external users in your Office 365 subscription through External Sharing

- Must use the Microsoft login form

- External users must have a Microsoft account, or be an Office 365 subscriber themselves

- No control over what account is used to accept the invitation
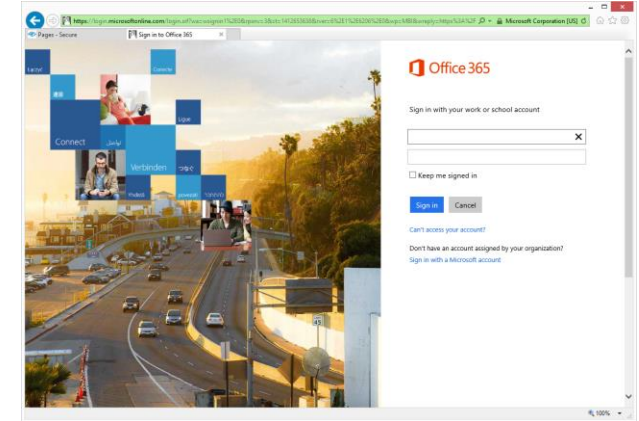
# SharePoint Extranets - Federated Identities

- Trusted Identity Provider does the authentication
- Can be any SAML compliant provider
  - Active Directory Federation Services
  - Thinktecture Identity Server
    - www.thinktecture.com
  - Social identities
- Can be AD, SQL, or other user repository under the hood
- Relying parties (such as SharePoint) trust the SAML token and provide the authorization based off that identity
- Provides Single Sign-On to multiple systems
  - Can be any SAML claims compliant system, not just SharePoint

# AD FS Login Form

- Internal users shouldn't see this inside the network
- Can be branded, within limits
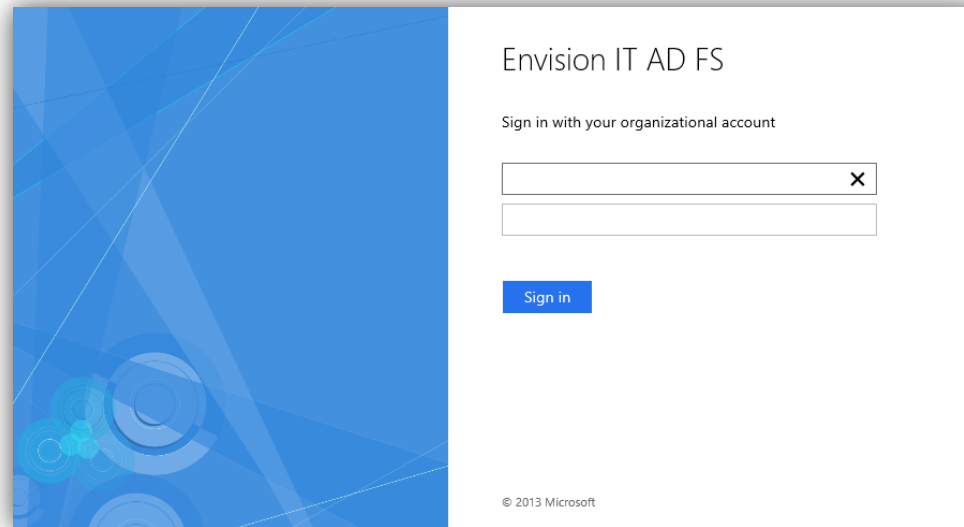
# Why Thinktecture over ADFS?

- Thinktecture Identity Server is embedded in Extranet User Manager
- [www.thinktecture.com/identityAndAccessControl](www.thinktecture.com/identityAndAccessControl)
- Open source allows any customization
- Fully brandable (ADFS allows branding within very particular parameters)
- Login with email address instead of AD username
- Use SQL instead of AD as the underlying user repository
- Ability to incorporate the home realm discovery into the login form

# ezRealm Home Realm Discovery
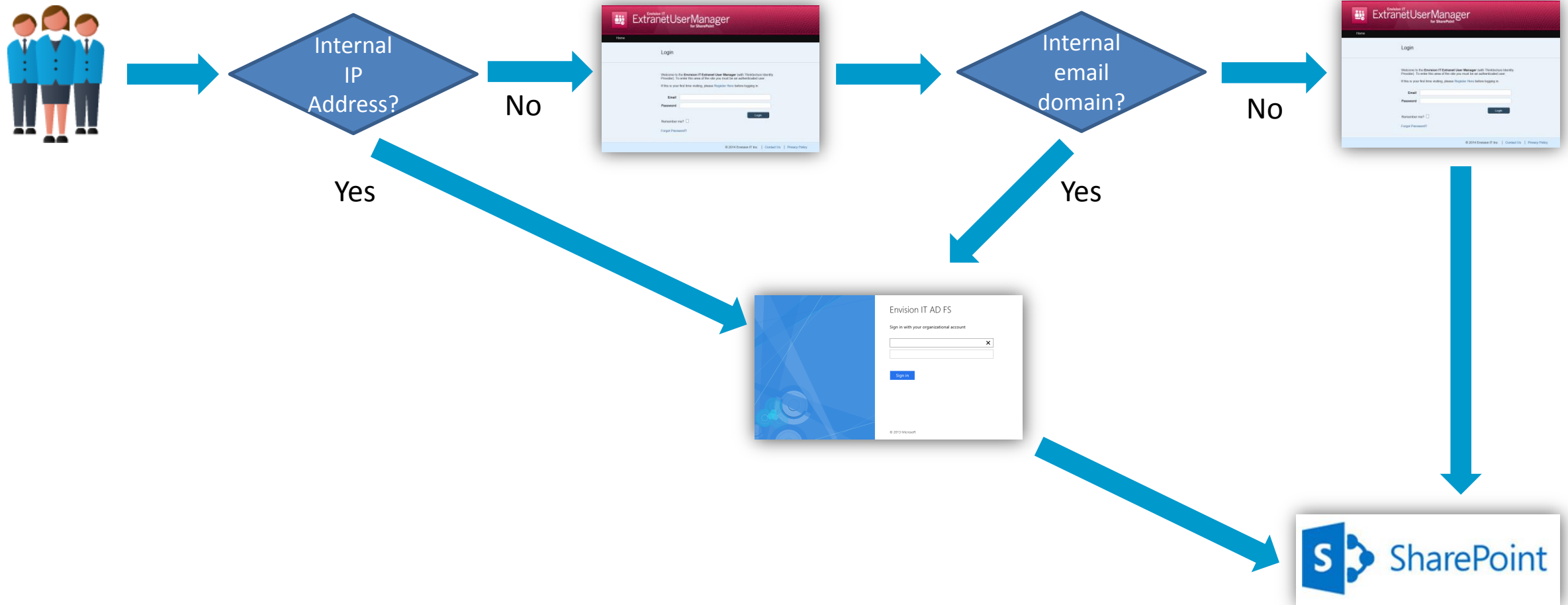
# SharePoint Extranets - Federation

- Supports Office 365 SharePoint Online, SharePoint 2013 and 2010
- Fully branded and user experience
- Friendly customizable login form
- Login with email address
- Automatic login for internal users
- Customizable self-registration with approvals
- Welcome email to set credentials
- Forgotten password reset
- Delegation of user management to business or externally
- Delegated group management simplifies permissions
- Supports single sign-on to other claims-aware applications
- Improved governance over your Extranet
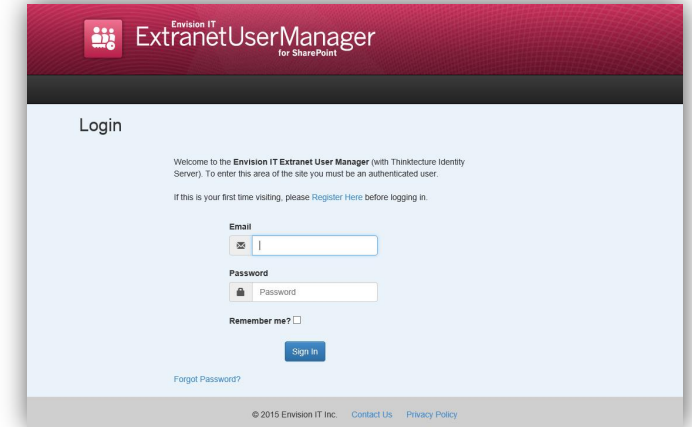
# Extranet User Manager
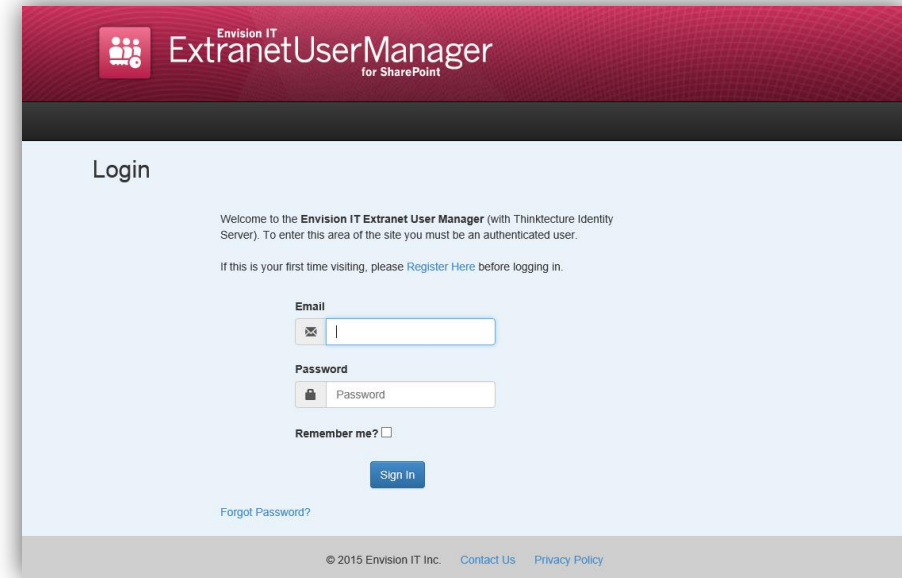


- Easy delegation of user management to business
- Self-registration, approvals, forgotten password reset
- Simplified login for both internal and external users

# Main Components

- Administration console
  - Used by IT to configure EUM
  - Used by the business to manage users and groups
- End User
  - Components that the Extranet users see
  - Login, disclaimer, change password, forgotten password
- Registration
  - Allow users to self-register
  - Support approval workflows

# Pricing

- Full pricing details available at [www.envisionit.com/eum](http://www.envisionit.com/eum)
- Standard edition $8,000 USD per production farm
  - Four hours of Premium Software Support
- Enterprise Edition $13,000 USD
  - Unlimited SSO authentication to claims aware applications
  - Eight hours of Premium Software Support
- 20% annual Software Assurance provides all product updates
- Dev and QA farm licenses provided with up to date Software Assurance
- Additional support packages available
- Azure hosted monthly subscription plans coming next month

# Registration



Desktop

Smartphone

# Registration Form Customizations

# Approval Email

# Approve the User

# Welcome Email

# Set Your Password

# Login

# Forgotten Password

# Demo – Office 365

## Registration through to Login

# Demo Scenario

- Office 365 sample site at https://eumdev.sharepoint.com
  - SharePoint Online in Office 365
- EUM installed at https://eum.eitdev.org
- AD FS for internal users
- External users
  - In a separate AD or SQL Database
  - Authenticating through Thinktecture Identity Server
  - Managed with the Envision IT Extranet User Manager

# Supreme Court of Victoria

- https://www.redcrest.com.au
- Supreme Court for the State of Victoria
- Located in Melbourne, Australia
- Case management system
  - RedCrest is the program name
  - Pilot program for the Commercial Case court
  - 8,500 cases filed each year
- www.zdnet.com/victorian-supreme-court-gets-cloud-for-case-management-7000019941/

# RedCrest

- Barristors and solicitors can create their own accounts
- Case initiation process to collect case information and fees
- SharePoint case site created for each case
- Other parties (defendants and plaintiffs) can join the case
- Judges have their own private secure area

# Public Site

- Anonymous content available to the public about the program

- News bulletins and general information
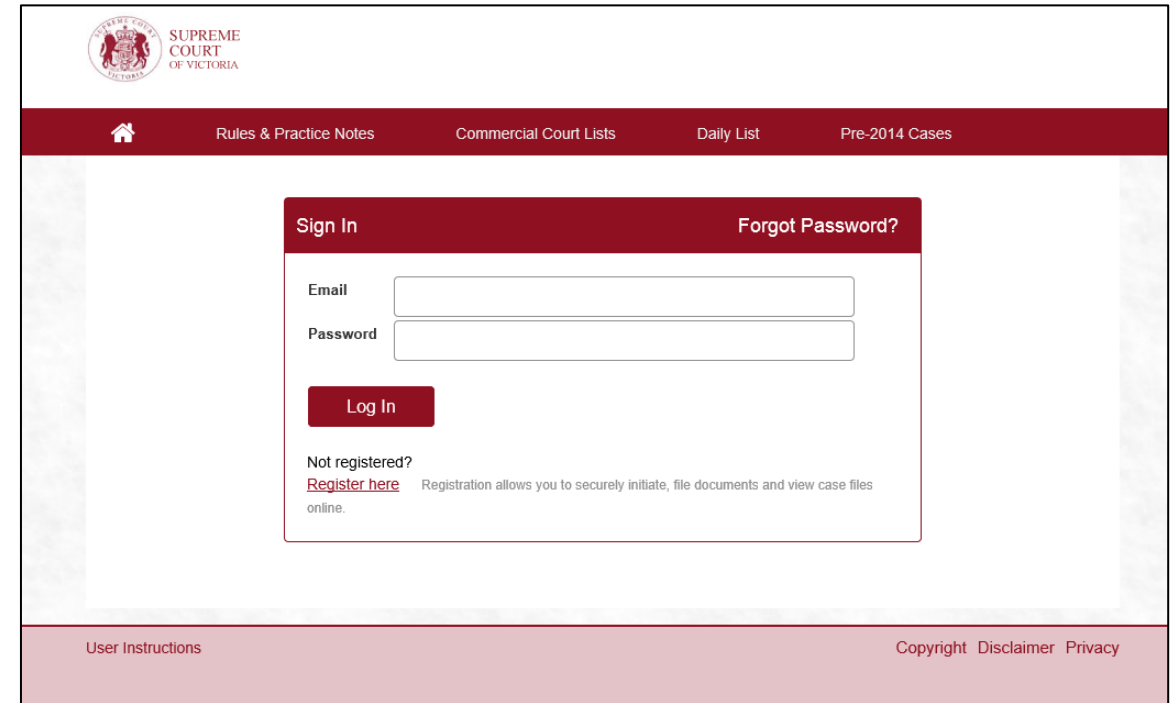
- Links to sign up for an account and login
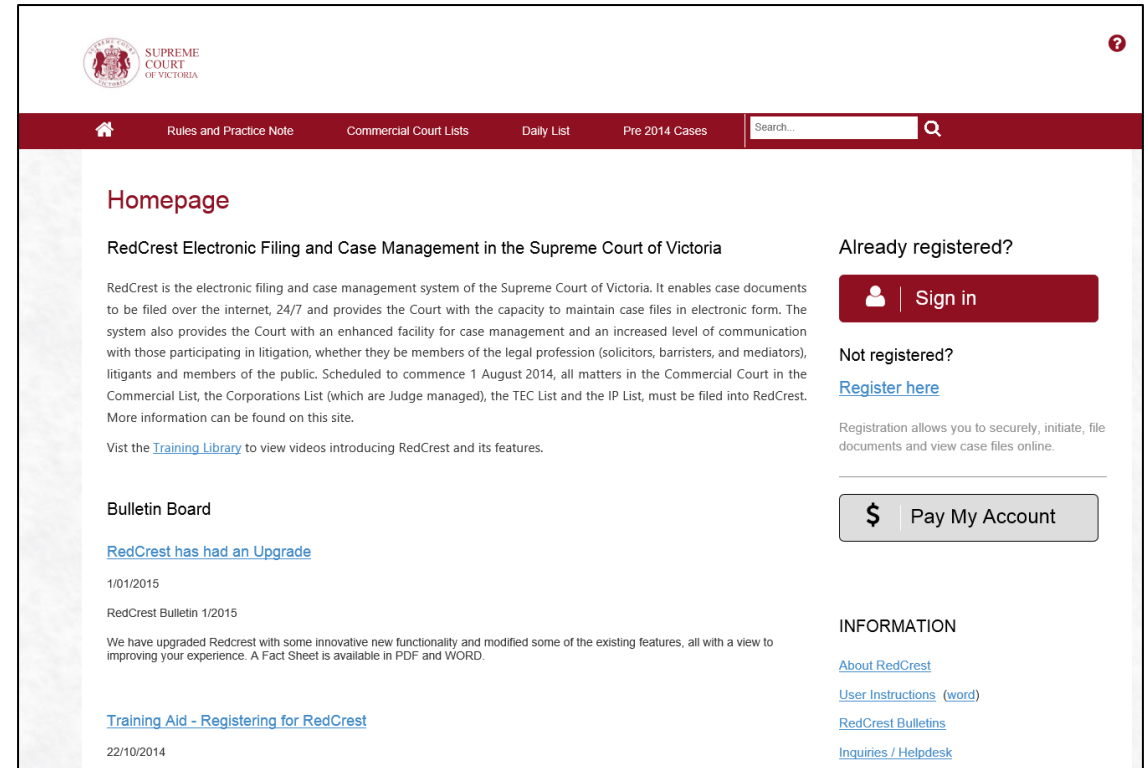
# Registration

- Extranet User Manager supports customized registration forms

- Mandatory and optional fields as specified by the court

- Welcome email provides a secure token to set your password

# Login

- Users are authenticated against an Extranet Active Directory
- Future integration with the court's AD FS is planned

# Next Steps

- Reach out to Hugh Davidson, Sales
  - e: [hdavidson@envisionit.com](mailto:hdavidson@envisionit.com)
  - p: (905) 812-3009 x222
- Installation Support on Premise
- Minimum 30 day evaluation with all features enabled

# Product Roadmap

- Quick spin-up trial environment**
- Alternate login for internal users (EUM 3.1 only supports ADFS)
- Web API
- Multifactor Authentication
- Social Identity Integration

# Upcoming Events

- Altus Alliance 2015– February 26th – 27th
  - http://www.envisionit.com/products/events/
- Webinar - SharePoint for Extranets – March 4th 1PM EST
  - http://www.envisionit.com/products/events/
- CollabCon Toronto – March 9th – 11th
  - www.collabcon.org
  - Use the discount code ENVISIONIT for a 10% discount

# Links

- www.envisionit.com
- blog.petercarson.ca
- www.envisionit.com/eum

- Video and presentation deck will be at www.envisionit.com/events

- Customer sites
  - www.publichealthontario.ca
  - www.bgccan.com
  - www.g2gmarket.com
  - www.redcrest.com.au
  - www.transamerica.ca
  - suppliers.kinross.com
  - www.problemgambling.ca

envision IT
Leaders in SharePoint Solutions

Envision IT
ExtranetUserManager
SharePoint

# Questions?