

OntarioMD Azure Website and Extranet Webinar

Wednesday August 2, 2017

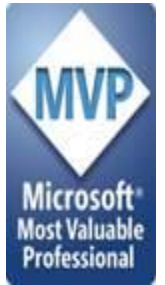
1-2 PM



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2008

Envision IT built custom Extranet solution

2010



2009



2012

Extranet User Manager (EUM) Installer created

2011

Productization of code base begins



Office 365 support

2014

2015

2016

Azure B2B support

2017

Channel Partner program launched

2015

EUM Brand and Website launched



International Association of Microsoft Channel Partners
Apps Development Partner Award 2015
WINNER - CANADA Region

Customers around the Globe



Boys & Girls Clubs of Canada
Clubs Garçons et Filles du Canada



Ontario Association of Children's Aid Societies
The voice of child welfare in Ontario



Centre for Addiction and Mental Health



Los Angeles World Airports



75+ Customers Deployed Globally

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
- It may be delivered in a number of ways
 - As an extension of the public web site
 - As a secure portion of the corporate Intranet
 - As a standalone Extranet







Examples of Extranet Users

- Members
- Customers
- Vendors
- Suppliers
- Volunteers
- Board of Directors
- Citizens
- Researchers
- Tenants
- Partners

Considerations

- Who is coming into the Extranet?
- Does everyone see the same information?
- Is there a member database to interface with?
- Is it invitation only, or can people self-register
- Who approves new registrations?
- Is it just the Extranet they will be accessing, or are there other systems?

Technologies

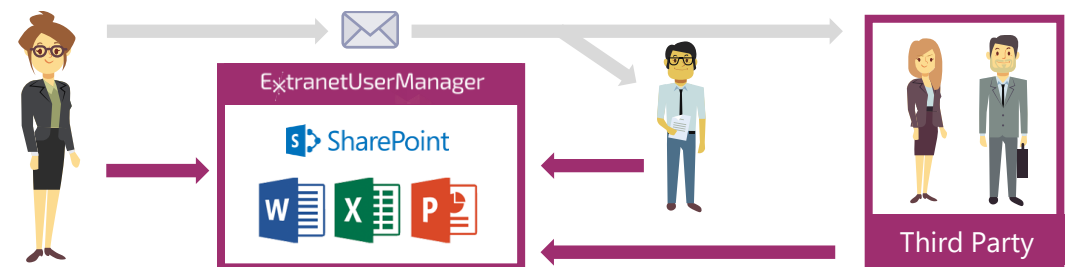
	Microsoft's collaboration platform that provides portals, document management, web content management, and much more
	Microsoft's cloud hosted versions of Exchange (email), Lync (instant messaging), and SharePoint
	Microsoft's infrastructure and platform hosted services
	Envision IT's tool for managing users outside your organization

Why Extranet User Manager?

Office 365

- **External Sharing is not scalable**
 - Individual users need permissions management to invite
 - Permissions become a mess, governance goes out the window
- **Azure B2B is not end user friendly**
 - Azure portal is overwhelming
 - All or nothing delegation
- **No self-registration**
- **No integration to other line of business systems**
- **No integration to on premises AD**

- **EUM provides the self-registration, profile management, and delegation**
- **As users and groups are created by the business owners, they are setup in Azure AD by EUM**
- **EUM sends the invitations**
- **Azure AD manages the login process**
- **EUM manages the group membership leveraged for permissions**



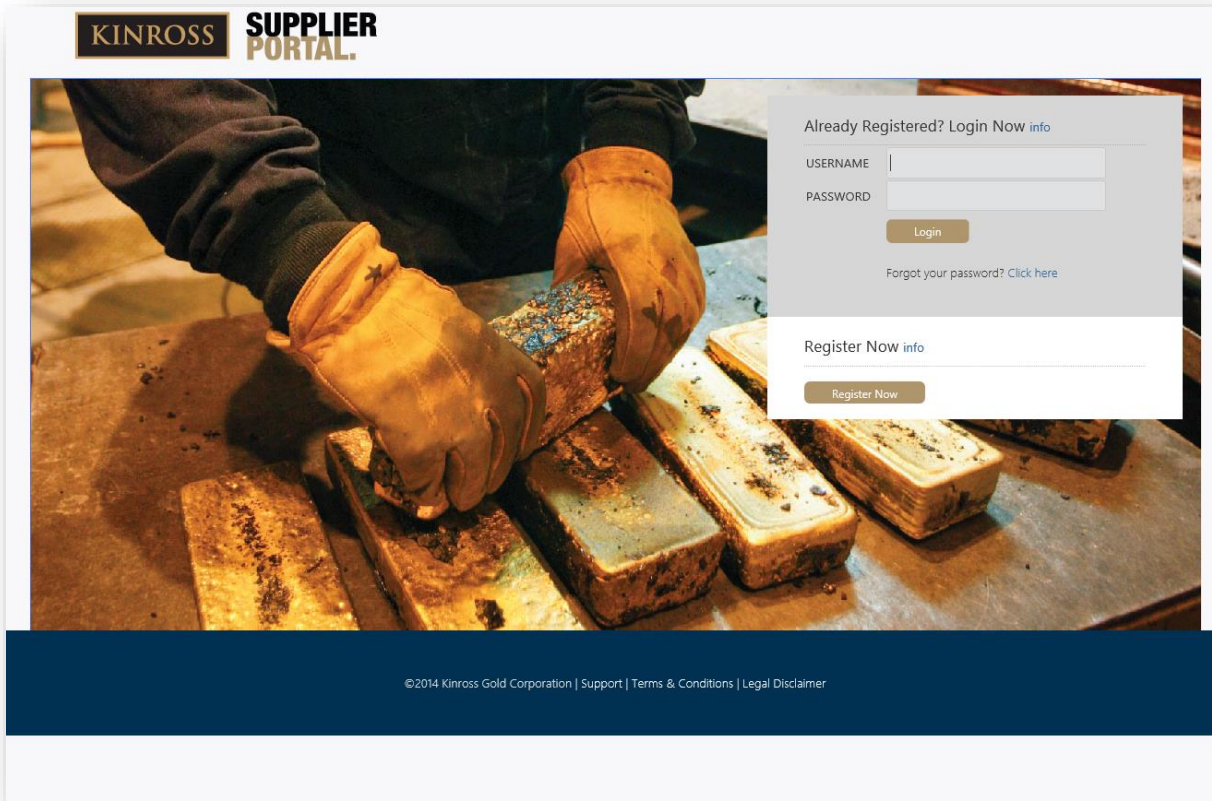
SharePoint On Premises and Other Systems

- **EUM acts as an Identity Provider**
 - Manage single sign-on to SharePoint and other on premise or cloud based apps
 - No FBA
- **Fully branded registration and login experience**
- **Forgotten password reset**
- **SharePoint 2010, 2013, and 2016**
- **Azure Web Sites**
- **SaaS applications such as Desire2Learn (www.d2l.com)**
- **SAP portals**
- **Custom applications**
- **Can create and update the user profiles in these other applications**



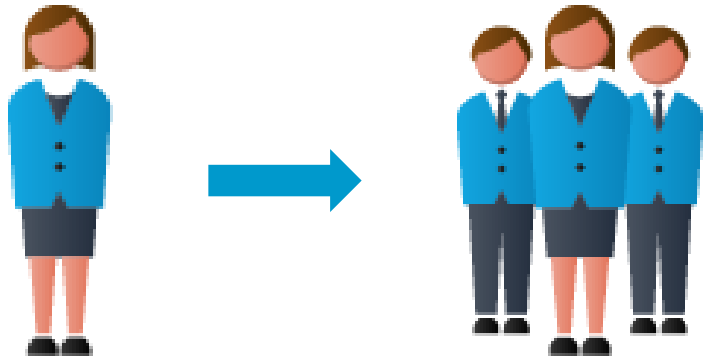
Extranet User Manager Features

Branded Experience



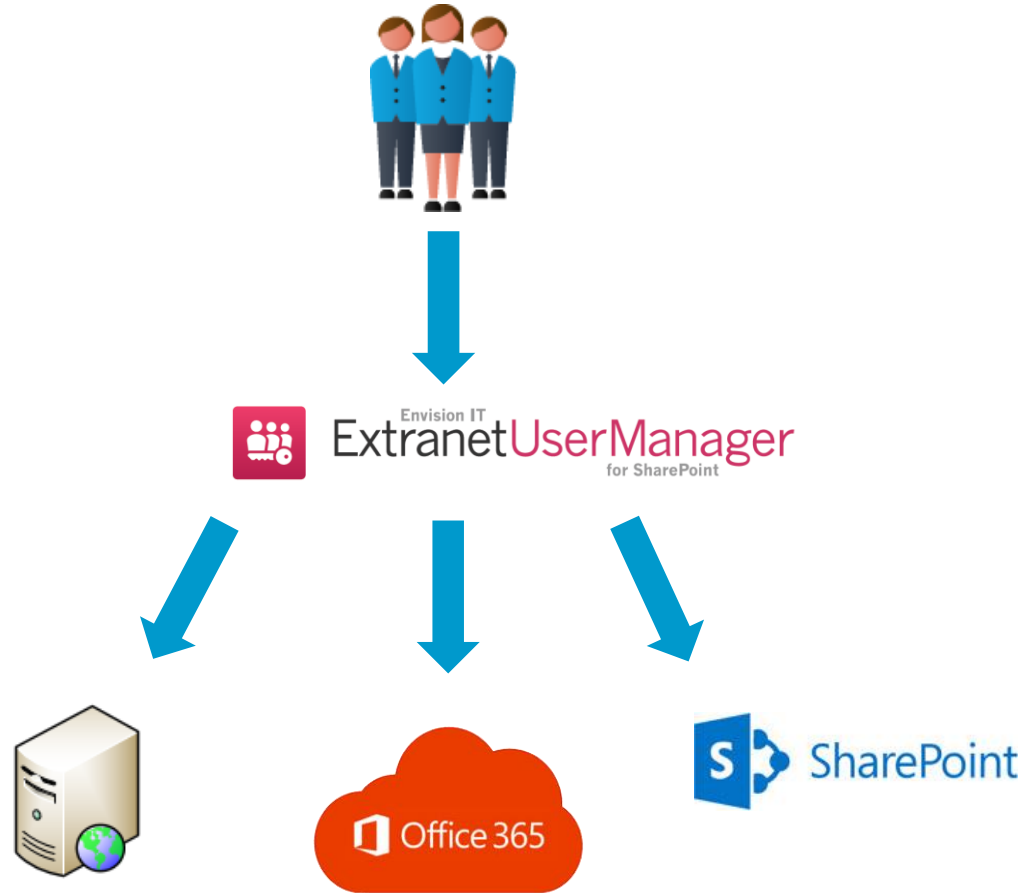
- Maintain your corporate brand throughout the entire user experience
 - Registration
 - All end-user pages
 - Emails

Delegated User Management



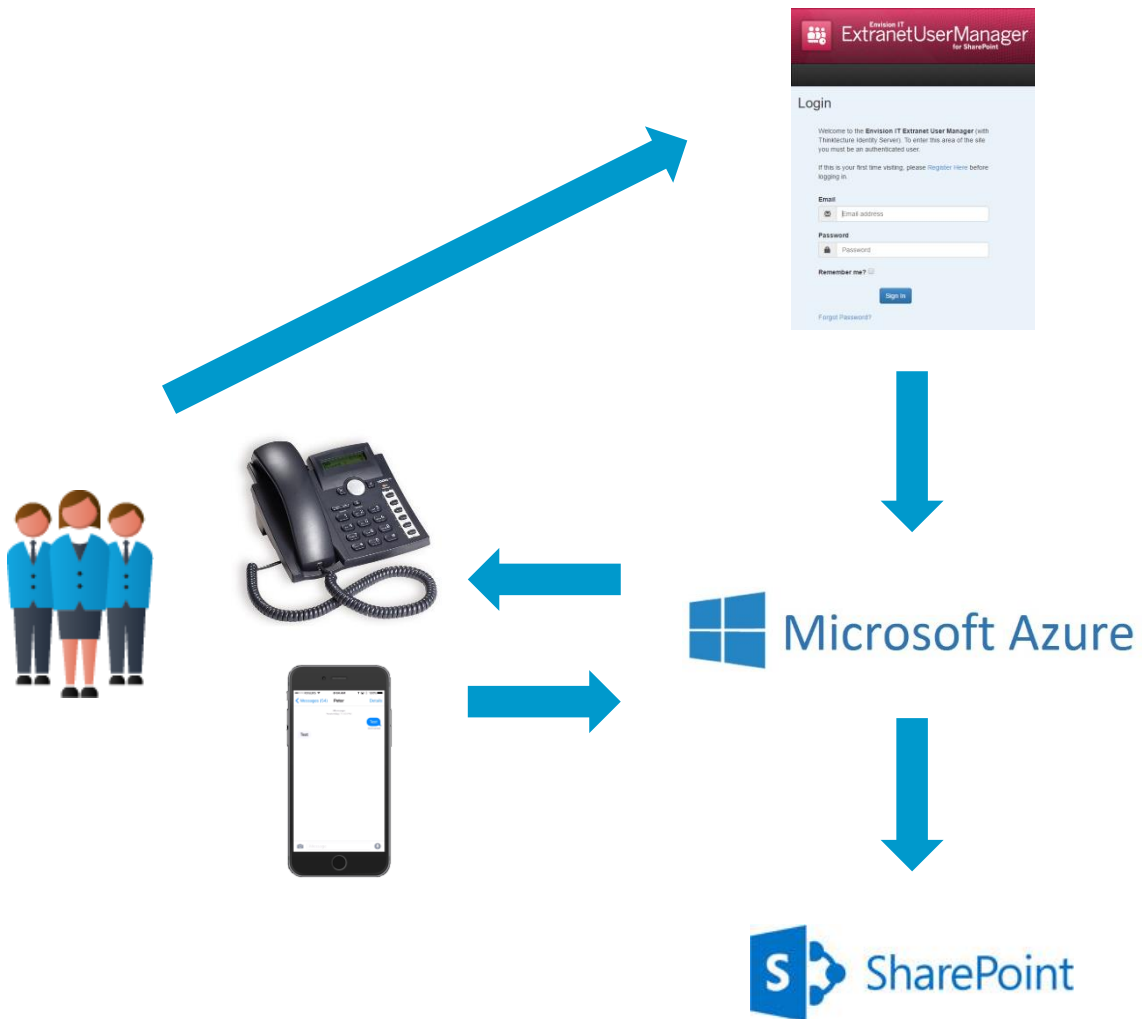
- Management of the Extranet users is delegated to the business
- IT doesn't need to manage accounts
- Can also be delegated securely to the external organizations themselves

Single Sign-On



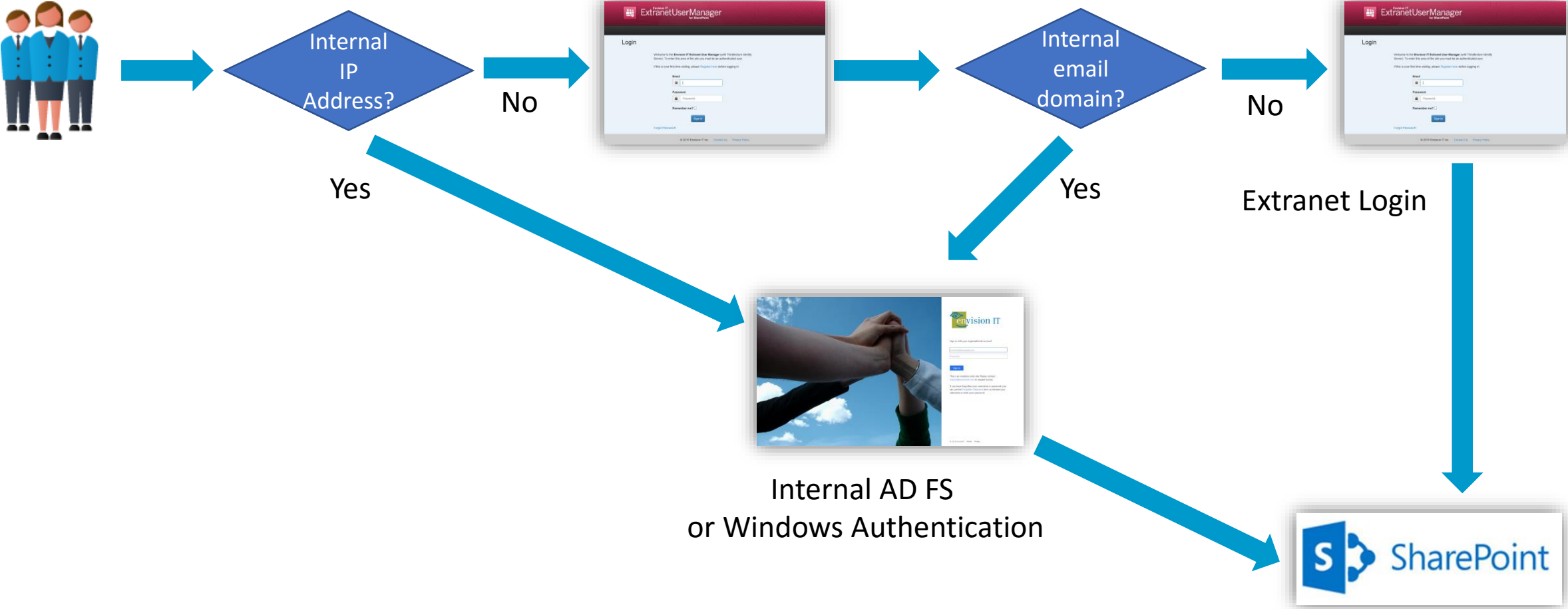
- Users sign in once
- As they move to other systems, they are automatically logged in
- Securely managed through Open ID Connect or WS-Fed and SAML

Multi-Factor Authentication



- Second factor authentication through a phone call or text message
- Infrastructure provided by Azure MFA service
- Optimized to only require in certain scenarios
 - New IP
 - New device
 - Previous failed password
 - Changed password

ezRealm Home Realm Discovery



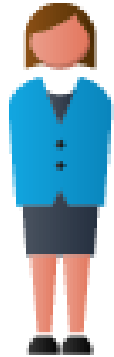
Self-Registration

The screenshot shows the self-registration page for Public Health Ontario. The page is titled "Registration and Subscription" and contains several sections:

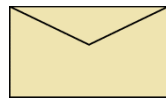
- Account Information:** Fields for Email and Confirm Email.
- Profile Information:** Fields for First Name, Last Name, Phone, Job Title, Organization, Sector, and Public Health Unit. There are also dropdown menus for Country (Canada) and Province (Ontario), and input fields for Street, Street-2, City, and Organization Postal Code.
- Please subscribe me to:** A list of checkboxes for various newsletters and events, including PHO Connections, IPAC, Media releases, Upcoming events, Sheela Basur Centre news, Alcohol Policy Network training, and Health Promotion Capacity Building training.
- Terms of Use:** A checkbox for "I have read and agree to the terms of use".
- Footer:** A "Save settings" button, a "Topics" section with links to various health-related pages, a "Quick Links" section with links to Events, Laboratory Testing Information, Data Reports, TOPHC, Sheela Basur Centre, eHealth Ontario Portal, and Collaboration, and the Ontario logo.

- Fully customizable registration experience
- Self service profile page
- Fields can be added or removed
- Can be integrated into back-end systems
- Customizable approval workflow
- Simple edits such as adding or removing fields done just through HTML editing of form

Forgotten Password



- Request a password reset by email
- Passwords themselves are never sent through email
 - One-time use, time expiring token sent

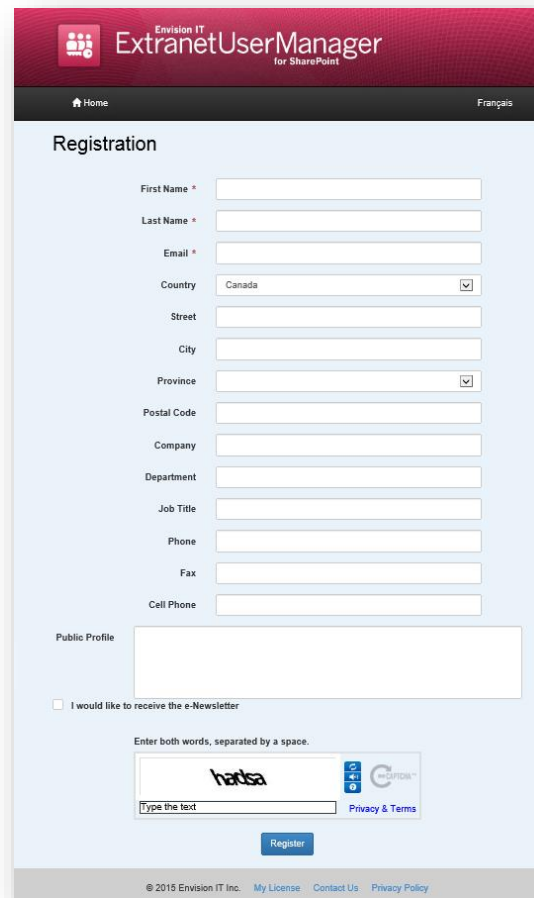


Works with SharePoint 2010, 2013, 2016 and Office 365



- Does not need to be installed on the SharePoint Server
- PowerShell script setups up the trust
- Office 365 supported through Azure B2B

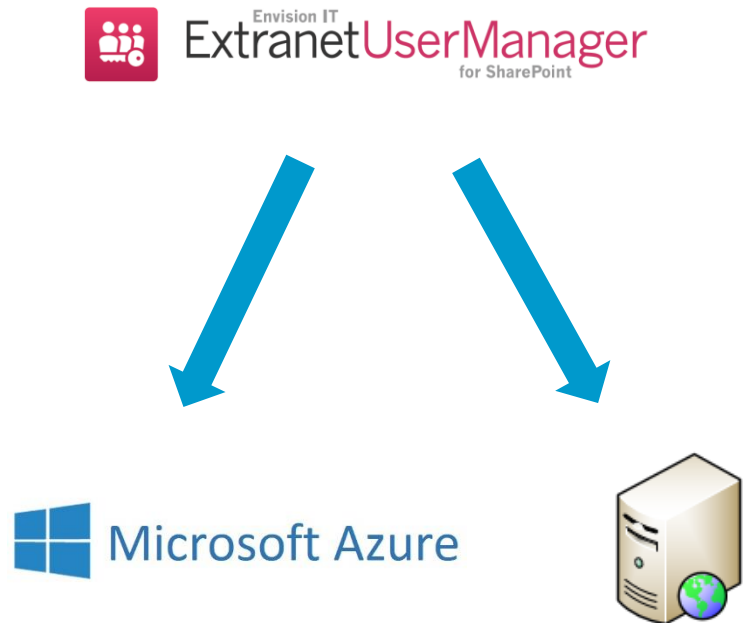
Adaptive Design



The screenshot shows a registration form for 'ExtranetUserManager for SharePoint' by 'Envision IT'. The form is titled 'Registration' and includes the following fields: First Name, Last Name, Email, Country (dropdown menu showing 'Canada'), Street, City, Province (dropdown menu), Postal Code, Company, Department, Job Title, Phone, Fax, and Cell Phone. Below these fields is a 'Public Profile' text area and a checkbox for 'I would like to receive the e-Newsletter'. At the bottom, there is a CAPTCHA section with the instruction 'Enter both words, separated by a space.' and a 'Register' button. The footer contains copyright information: '© 2015 Envision IT Inc. My License Contact Us Privacy Policy'.

- Leverages the Twitter Bootstrap framework
- All end-user pages adapt to smartphone, tablet, or desktop experiences

Azure Hosted or On Premise



- Can be installed on an on premises server
 - SharePoint Server
 - IIS Server
- Hosted in Azure
 - Secure multi-tenant hosting
 - Managed by Envision IT
 - 7x24 monitoring and remediation

Multi-Lingual Support



The screenshot displays the login page for the Boys & Girls Clubs of Canada website. At the top left is the organization's logo and name in both English and French. A green navigation bar contains the word 'Accueil' on the left and 'English' on the right. Below this, the heading 'Ouverture' is followed by a welcome message in French. A login form includes fields for 'Courriel' and 'Mot de passe', a 'Login' button, and a link for 'J'ai oublié mon mot de passe.' The footer contains copyright information and links for 'Contactez-nous', 'Confidentialité', and 'Questions fréquentes'.

- Full multi-lingual support for end user pages
- Resource files for easy translation and updating of text

Customer Case Study

OntarioMD

Customer Case Study:

OntarioMD goes to the cloud with Extranet User Manager

OntarioMD is a government funded NFP for 14K Ontario physicians

www.ontariomd.ca

The Challenge:

- Needed a new corporate website and portal
- Reduce the cost of current hosting
- Easy to maintain site for 14,000 physicians and staff
- Seamless migration of content, functionality and user accounts
- Hosted and managed solution



Considerations

Who is coming into the Extranet?	Physicians and their sponsored staff Partners / Vendors OntarioMD staff
Does everyone see the same information?	Some content is secured for specific groups
Is there a member database to interface with?	Ontario Medical Association is the registration body for physicians
Is it invitation only, or can people self-register	Physicians can self-register with a valid OMA number, and can invite their staff All others are invitation only
Who approves new registrations?	Physicians are auto-approved through a validation against the OMA registry
Is it just the Extranet they will be accessing, or are there other systems?	Access also needed to the Health Card Validation and EMR Progress Assessment apps

www.ontariomd.ca – Before and After

- Previously on a 10 year old Oracle WCI platform
- OntarioMD was already an Office 365 customer
- Proposal was to leverage SharePoint Online as the Content Management System
- Azure Web Apps used to host the public website and Extranet



Azure Web Apps

- Supports Windows and Linux platforms
- Built-in auto-scale and load balancing
- High availability with auto-patching
- OntarioMD infrastructure
 - Two Standard S2 2 core 3.5 GB RAM servers
 - Load balanced
 - Patched and maintained by Microsoft
 - \$217 X 2 per month Canadian
- <https://azure.microsoft.com/en-gb/services/app-service/web/>



Extranet User Manager Licensing

Version	On Premise	Hosted
Standard Edition	\$8,000	\$850 / month
Enterprise Edition	\$13,000	\$1,070 / month
Annual Software Assurance	20%	Included

US Dollars

Full pricing details available at <https://www.extranetusermanager.com/Pricing>

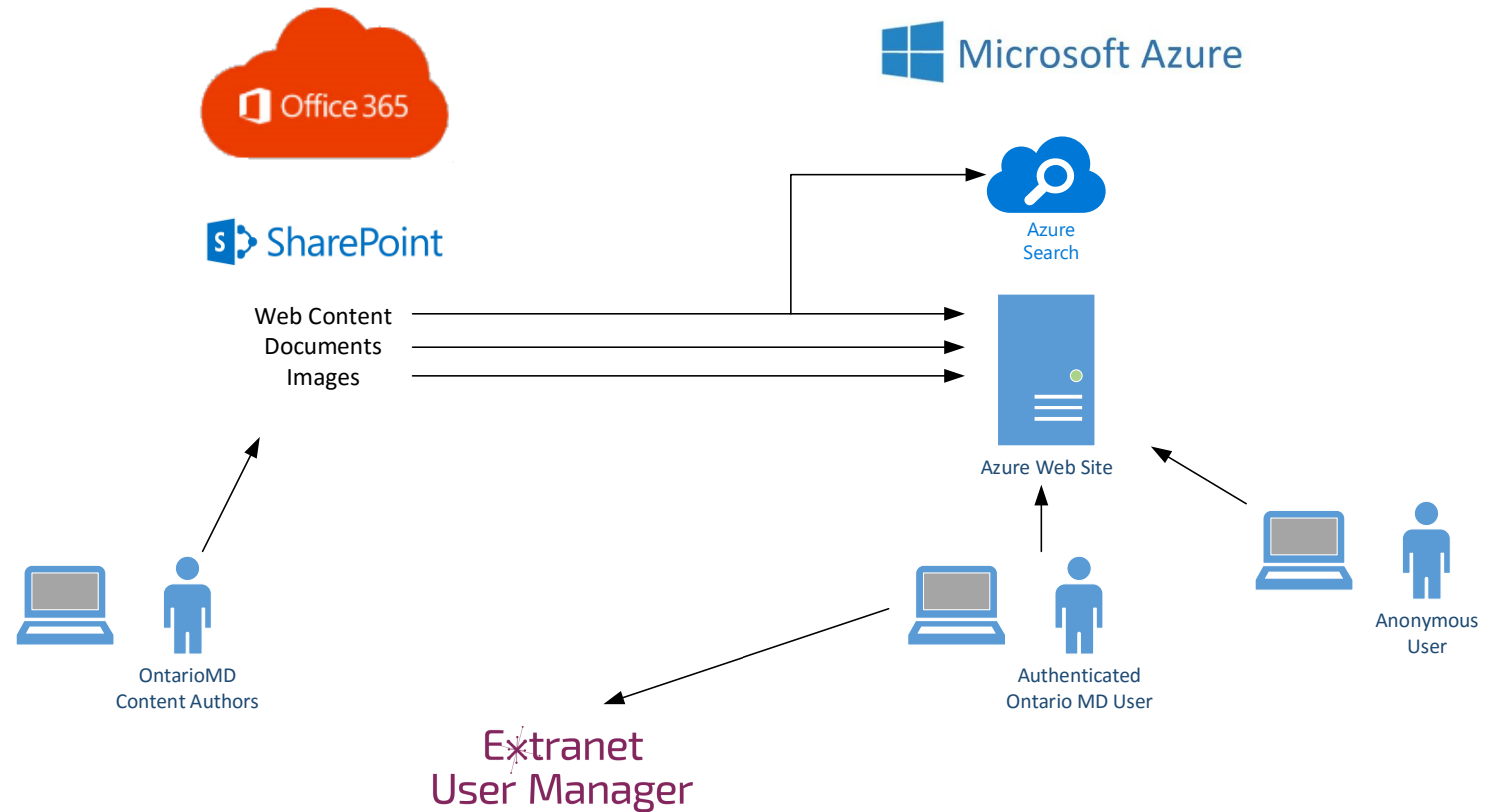
Financial Result

- **New operating costs less than the yearly Oracle maintenance fees**
- **Decommissioning of dedicated hosting environment**

\$\$\$ \$\$\$

Customer Case Study: OntarioMD goes to the cloud with Extranet User Manager

The Solution:



www.ontariomd.ca

The Result

OntarioMD [Sign In](#) | [Register](#) Search OntarioMD

[About Us](#) | [Products and Services](#) | [EMR Certification](#) | [Resource Library](#)

Registration

Email Address

Your email address is your username. With it, you'll get access to valuable features such as resetting your passwords, notifications regarding account activities and updates on upcoming features and products. All your information is confidential and will not be used or distributed for purposes other than identified above.

Email Address (Username)

Confirm Email Address

Secure Services Registration

If you or any of your sponsored account holders require access to Health Card Validation (HCV), you need to pass a security validation. You can do this now at registration, or later.

I would like to setup my password as secure.

OMA PIN

Please contact me regarding

- Quarterly e-Newsletter
- Participating in Pilot Initiatives
- Participating in Market Research
- Special Announcements and Promotions

[Register](#)

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EMR EVERY STEP CONFERENCE

From Potential to Practice

JUNE 22, 2017, Ottawa Conference and Event Centre, OTTAWA

[Register Today!](#)

[HEALTH REPORT MANAGER](#)

[PEER LEADER PROGRAM](#)

HEADLINES

OntarioMD's Response to Ed Clark's Report to the Minister of Health and Long-Term Care

November 22, 2016

OntarioMD welcomes Mr. Clark's submission to the Minister on value and opportunities created by Ontario's digital health assets. [Read more >](#)

eNotifications Enabling Faster and Safer Follow-Up Treatment

November 01, 2016

Health care providers often cite the need for timely communication and the sharing of relevant clinical information as a high priority for ehealth initiatives. [Read more >](#)

HRM has sent over 10 million reports to physician EMRs!

October 13, 2016

HRM has sent over 10 million reports to physician EMRs! [Read more >](#)

PRODUCTS & SERVICES

EMR Practice Enhancement Program

Optimizing your EMR is a team effort. You don't have to do it alone. OntarioMD understands the challenges that busy physicians face. EPEP can help physician practices improve workflow, efficiency and patient care. [Read more](#)

Hospital Report Manager (HRM)

HRM sends MB and DR reports electronically to clinicians who use a certified EMR. [Read what people are saying about HRM](#)

eNotifications

eNotifications has been selected as a finalist for a 2016 ISAC Ingenious Award.

WHAT'S NEW

Upcoming Events

There are currently no events.

First Name: Last Name: Email Address:

[Submit](#)

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CELEBRATING SUCCESS THROUGH TECHNOLOGY

INGENIOUS

LA TECHNOLOGIE AU SERVICE DU SUCCÈS

2016 FINALIST

Recognized as a Leading Practice by Accreditation Canada due to its effectiveness in improving the coordination of care.

eNotifications informs primary care provider in near real-time when their patients are discharged from the Emergency Department, or are admitted or discharged from in-patient units.

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OntarioMD Apps

Health Card Validation

- Front end interface for validating health cards
- Used by medical offices
- 5,000-6,000 requests a day
- Mission critical



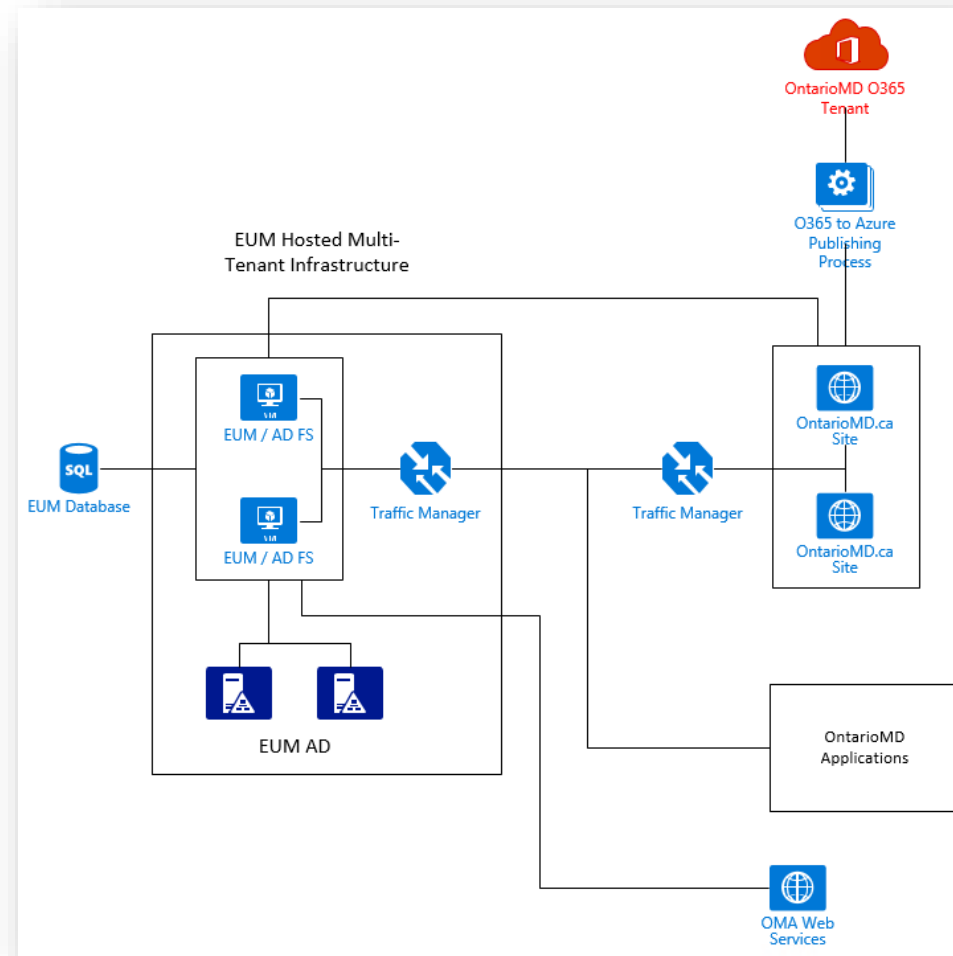
Built on a Java stack
Running on Linux Azure VMs
SSO with Open ID Connect

EPA - EMR Progress Assessment

- Survey and assessment tool
- Maturity and quality of use of EMR in a practice



The Solution – Infrastructure Design



Publishing and User Provisioning Demo

The Result - Login

OntarioMD

Login

Welcome to the OntarioMD Portal. To enter this area of the site you must be an authenticated user.
[Register here](#) before logging in.

Email Address
Email Address

Password
Password

Remember My Login

Login

[Forgot Password](#)

Home About Us Contact Help Privacy Policy Copyright © 2017 OntarioMD Inc. All rights reserved.

The Result – Account Management

My Profile

Personal Information Sponsored Users Pending Invitations

First Name	<input type="text" value="John"/>	Street	<input type="text" value="101 Main Street"/>
Middle Name/Initial	<input type="text" value="M. J."/>	City	<input type="text" value="London"/>
Last Name	<input type="text" value="Doe"/>	Province	<input type="text" value="ON"/>
Email	<input type="text" value="john.doe@eum.co"/>	Postal Code	<input type="text" value="M5H 1A5"/>
Phone	<input type="text" value="416-555-1234"/>	Country	<input type="text" value="CAN"/>
Fax	<input type="text" value="Fax"/>	<input type="button" value="Refresh from OMA"/>	

OMA District/Branch York Central Medical Society OMA Section Medical Students

Please contact me regarding

<input type="checkbox"/> Quarterly e-Newsletter	<input type="checkbox"/> Participating in Market Research
<input type="checkbox"/> Participating in Pilot Initiatives	<input type="checkbox"/> Special Announcements and Promotions

Secure Services Registration

If you or any of your sponsored account holders require access to Health Card Validation (HCV), you need to pass a security validation.

I would like to setup my password as secure.

Secure Services PIN ⓘ

The Result – Sponsored User Invitation

Invite User

Please fill in all * tabs

Sponsor

Title

First Name*

Middle Name

Last Name*

Role

Email*

Confirm Email*

Phone*

Validation Method

Health Card Validation Access

Sponsored Account Manager

Send Invitation

Back

OntarioMD – The Stats - TBD

- **14K registered users and growing**
- **Average of 7K users per month**
- **Over 100K pageviews since go live**
- **Primary reason for visiting site is access to custom apps (HCV tool) and corporate information**
- **90%/10% split desktop users to mobile**

Links

- www.ontariomd.ca
- www.extranetusermanager.com
- Full case studies on both the Extranet and the Azure publishing
 - [OntarioMD uses Extranet User Manager and Azure Websites to Launch Their Public Website](#)
 - [OntarioMD uses Office 365 and Azure Websites to Launch Their Public Website](#)

Upcoming Events

Extranet User Manager

Webinar
September 14, 2017

Extranet User Manager V4 Release
Major Architectural Update

eum.co/events

The logo for SharePoint Fest features a stylized, abstract shape composed of three curved segments in blue, orange, and red, resembling a drop or a shield.

SharePoint Fest

August 10-11, 2017
Seattle

www.sharepointfest.com/Seattle

December 7-8, 2017
Chicago

www.sharepointfest.com/Chicago/

Thank you

Questions?

