OntarioMD Azure Website and Extranet Webinar
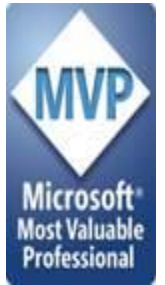
Wednesday August 2, 2017

1-2 PM

OntarioMD

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2008 — Envision IT built custom Extranet solution

2009

2010

2011 — Productization of code base begins

2012 — Extranet User Manager (EUM) Installer created

Office 365 support

2014

2015 — EUM Brand and Website launched

2016 — Azure B2B support

2017 — Channel Partner program launched

IMPACT AWARDS Winner

IT SECURITY AWARDS

METALOGIX BEST OF BREED

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

Customers around the Globe

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

SharePoint	Microsoft's collaboration platform that provides portals, document management, web content management, and much more
Office 365	Microsoft's cloud hosted versions of Exchange (email), Lync (instant messaging), and SharePoint
Microsoft Azure	Microsoft's infrastructure and platform hosted services
ExtranetUserManager	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**
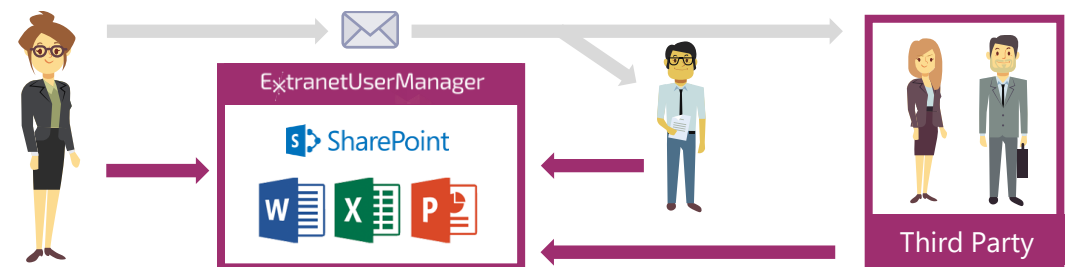
SharePoint On Premises and Other Systems

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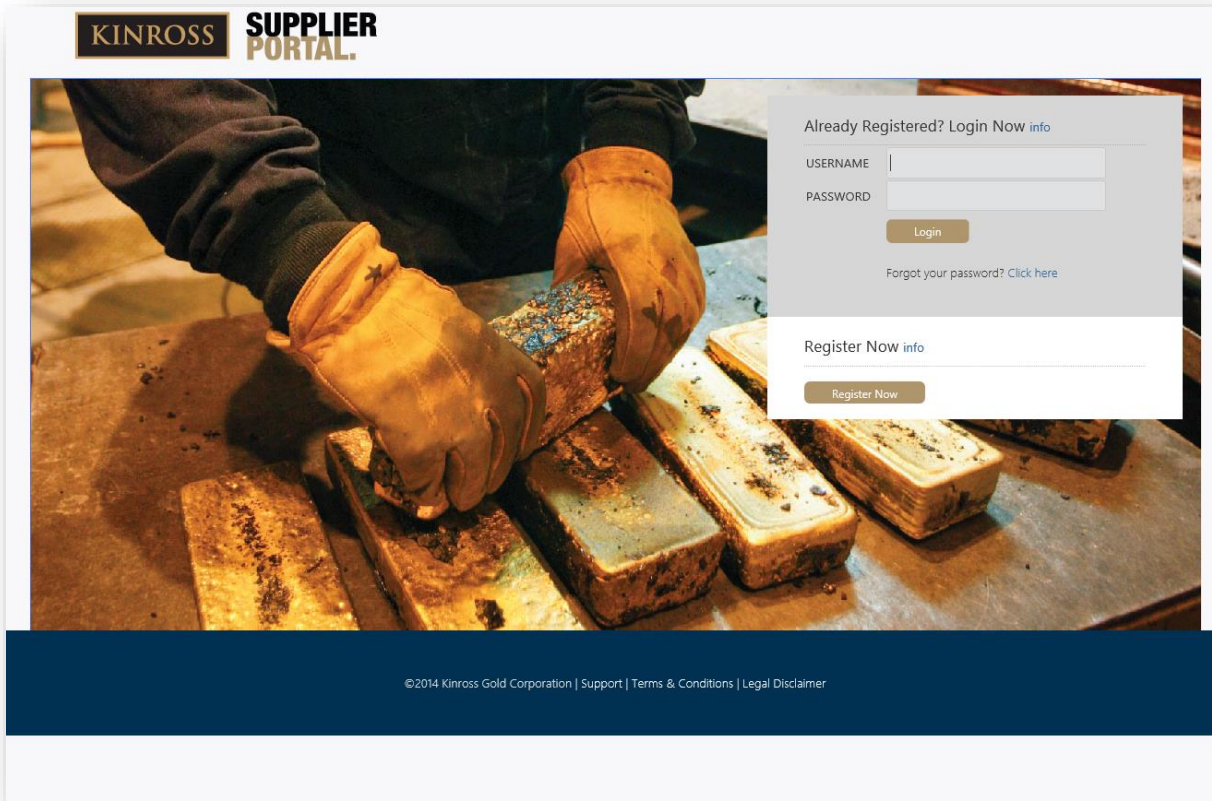
- Maintain your corporate brand throughout the entire user experience
  - Registration
  - All end-user pages
  - Emails

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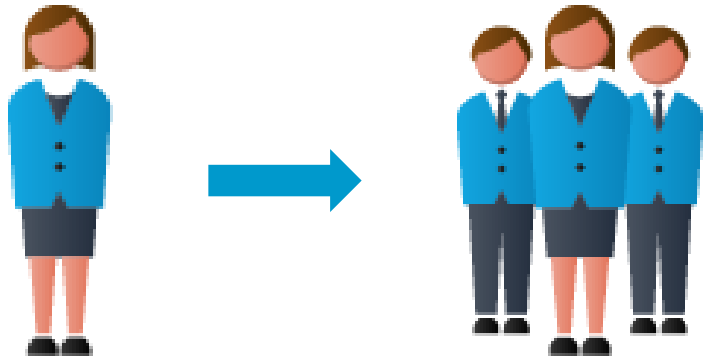
- Management of the Extranet users is delegated to the business
- IT doesn't need to manage accounts
- Can also be delegated securely to the external organizations themselves

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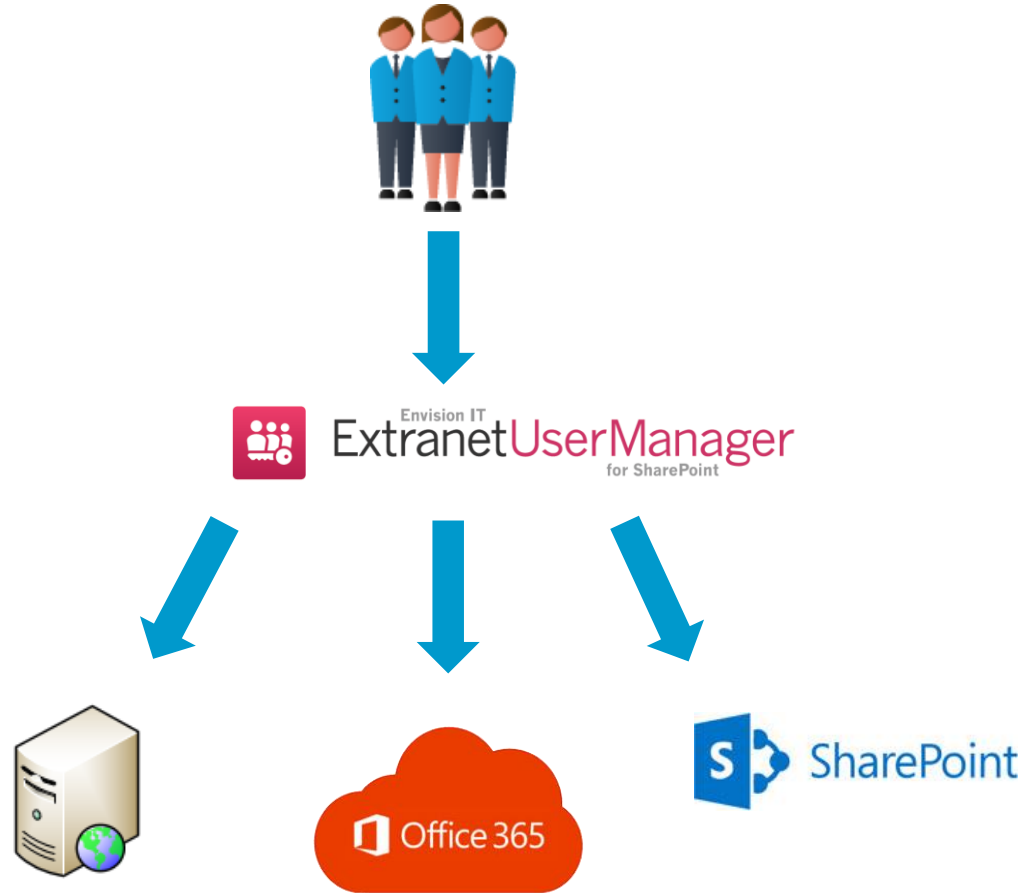
- Users sign in once
- As they move to other systems, they are automatically logged in
- Securely managed through Open ID Connect or WS-Fed and SAML

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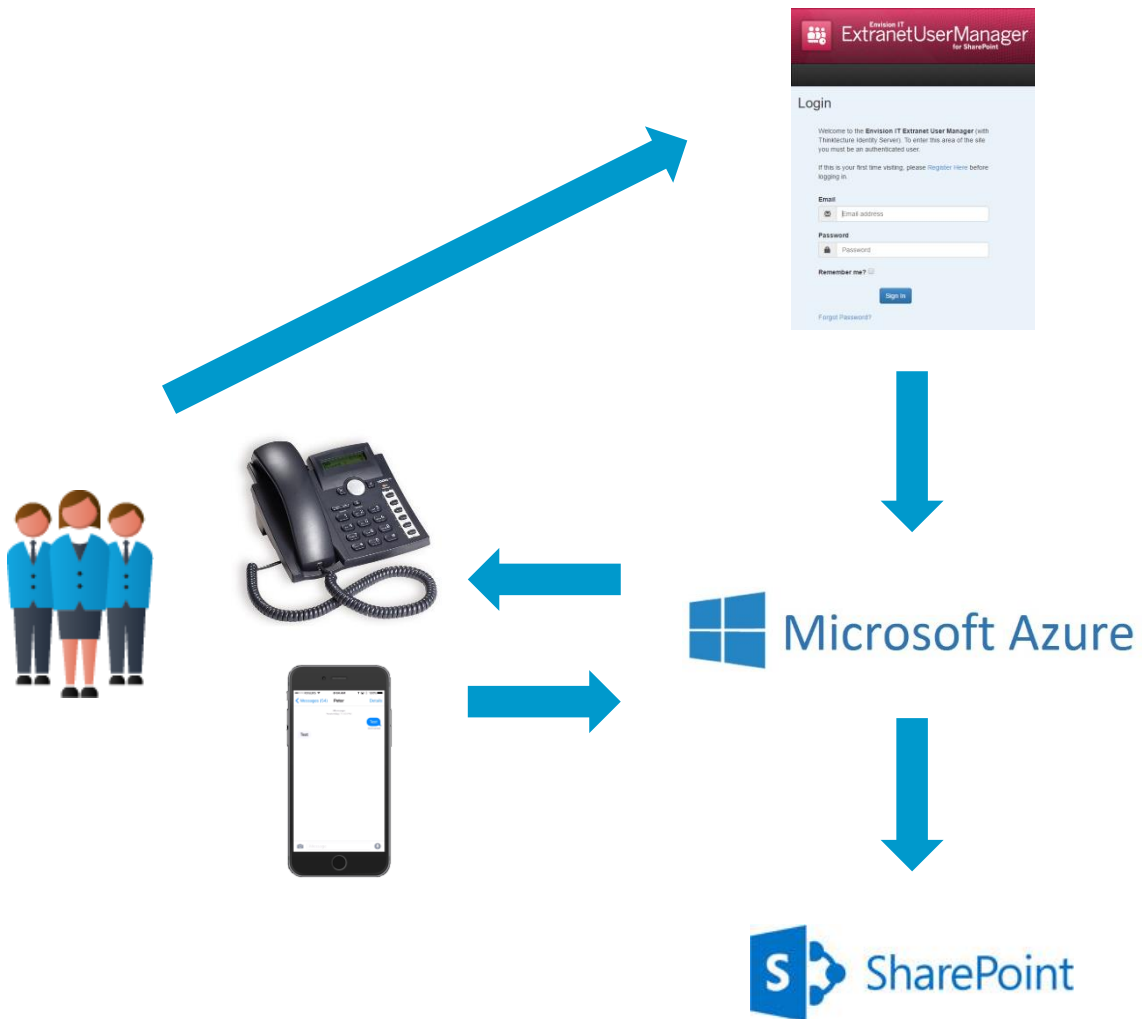
- Second factor authentication through a phone call or text message
- Infrastructure provided by Azure MFA service
- Optimized to only require in certain scenarios
  - New IP
  - New device
  - Previous failed password
  - Changed password

ezRealm Home Realm Discovery

Internal IP Address?

No

Internal email domain?

No

Yes

Yes

Extranet Login

Internal AD FS
or Windows Authentication

Self-Registration

- 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
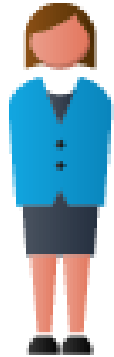
- Request a password reset by email
- Passwords themselves are never sent through email
  - One-time use, time expiring token sent
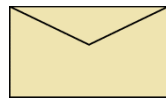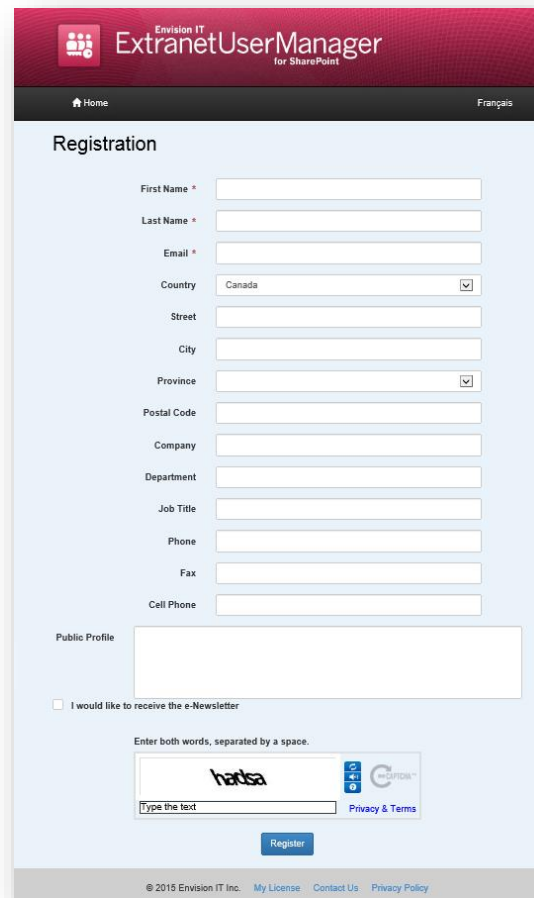
Works with SharePoint 2010, 2013, 2016 and Office 365

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

Adaptive Design

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

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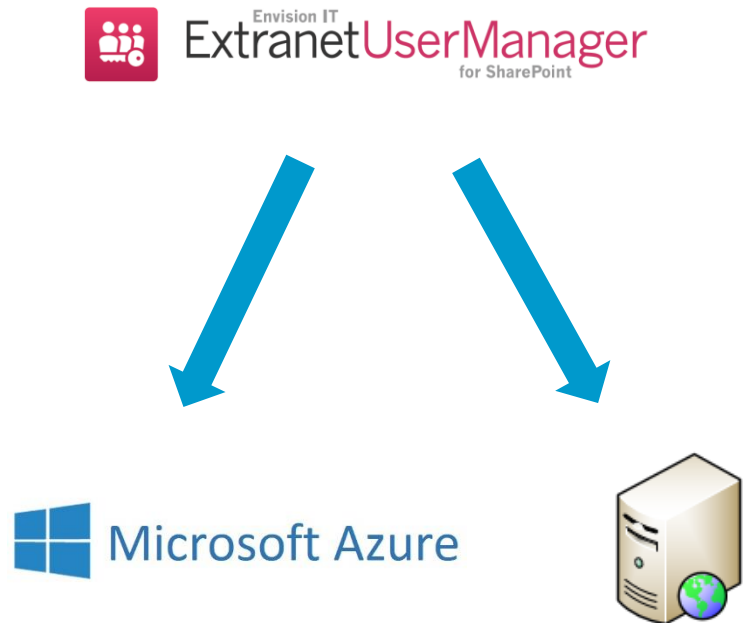
- Can be installed on an on premises server
  - SharePoint Server
  - IIS Server
- Hosted in Azure
  - Secure multi-tenant hosting
  - Managed by Envision IT
  - 7x24 monitoring and remediation

Multi-Lingual Support

- 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:
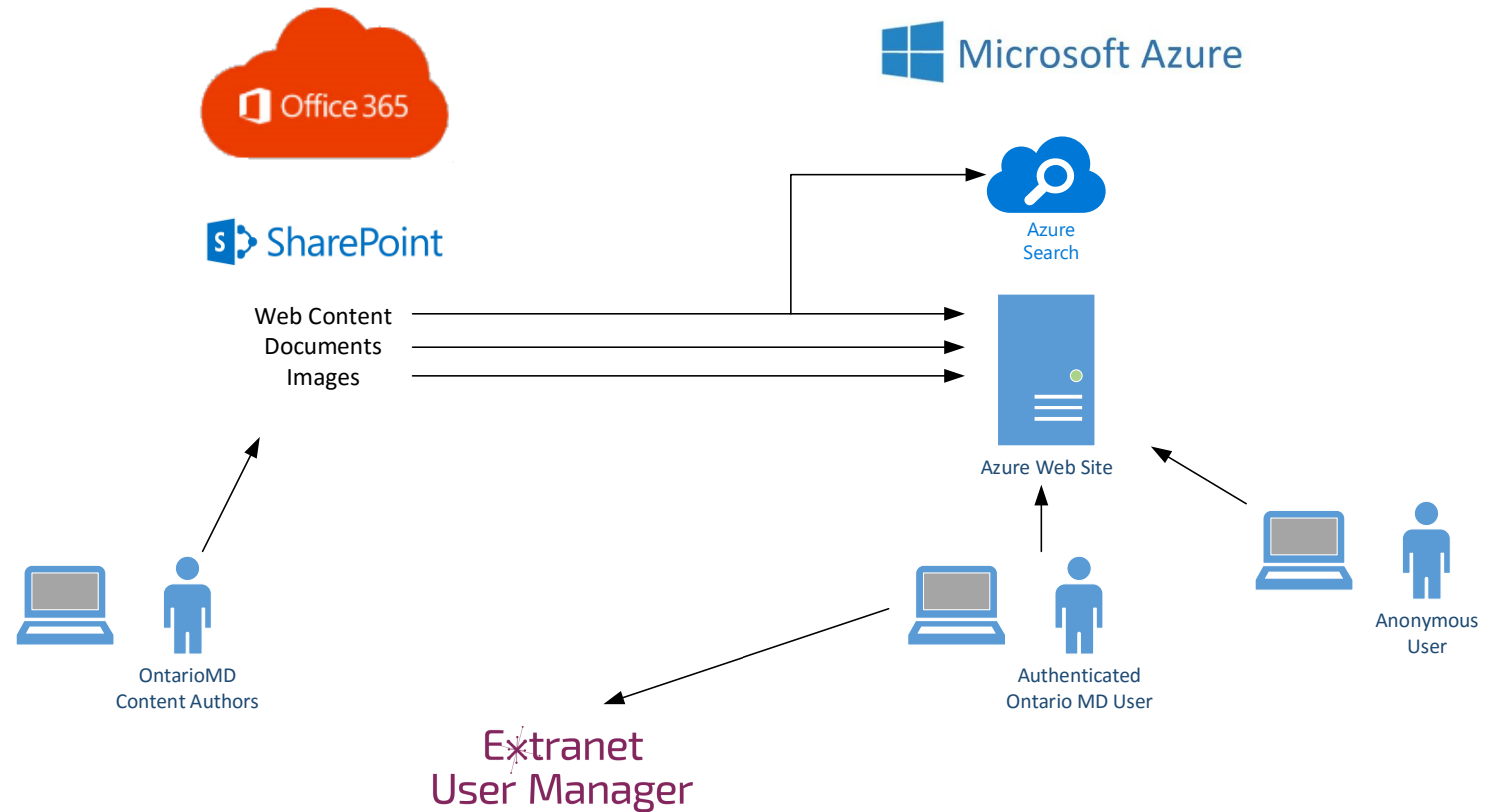
www.ontariomd.ca

The Result

OntarioMD Apps

Health Card Validation

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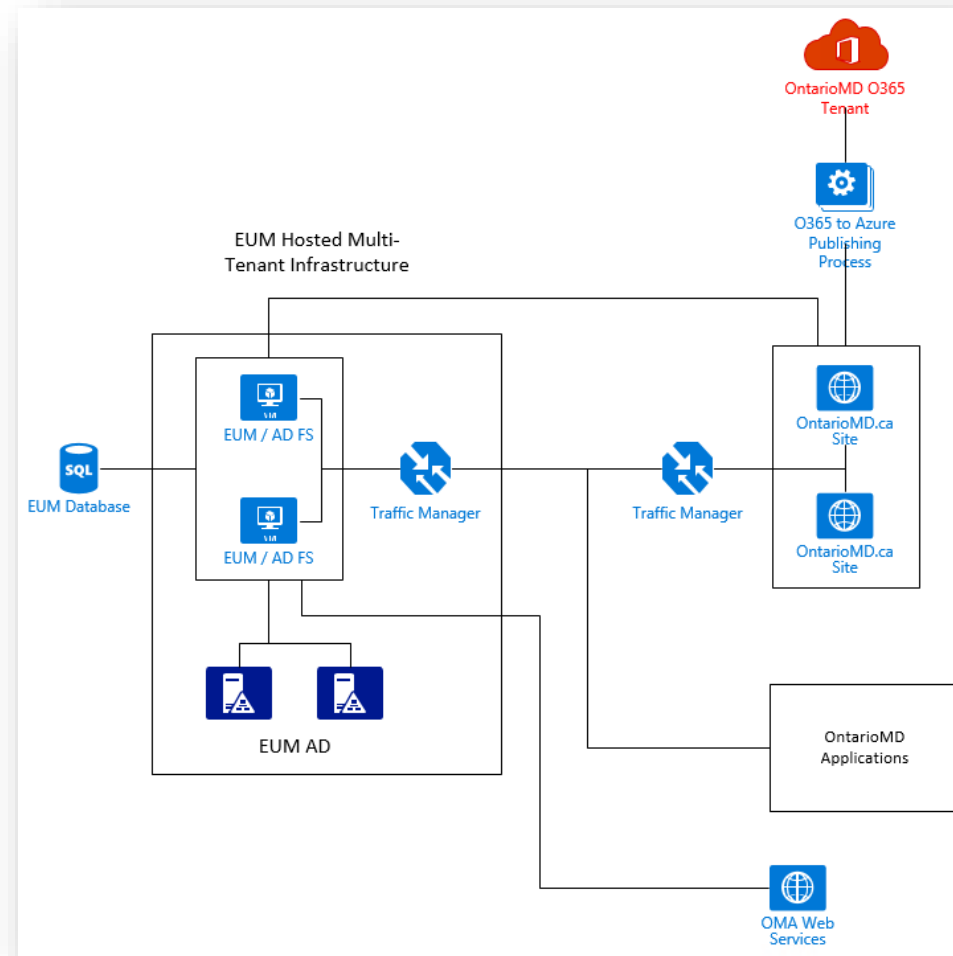- **5,000-6,000 requests a day**
- **Mission critical**

EPA - EMR Progress Assessment

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

Built on a Java stack

Running on Linux Azure VMs

SSO with Open ID Connect

The Solution – Infrastructure Design

Publishing and User Provisioning Demo

The Result - Login

The Result – Account Management

The Result – Sponsored User Invitation

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

SharePoint Fest

August 10-11, 2017
Seattle
www.sharepointfest.com/Seattle

December 7-8, 2017
Chicago
www.sharepointfest.com/Chicago/

Thank you

Questions?