Extranets in SharePoint 2010 and 2013

Presented by Peter Carson
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Leaders in SharePoint Solutions

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Agenda

- Envision IT Overview
- Microsoft SharePoint
- Extranet Scenarios
- Supporting Products
- Case Studies
- Wrap-Up and Q&A

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SERVICES

Leaders in SharePoint Solutions

PRODUCTS

Products to Enrich your SharePoint Experience

Envision IT Services Overview

Focused on complex SharePoint solutions, Envision IT is the “go-to” partner for Microsoft SharePoint, building integrated public web sites, Intranets, Extranets, and web applications that leverage your existing systems anywhere over the Internet.

Microsoft Partner
Gold Digital Marketing
Gold Portals and Collaboration
Silver Content Management
Silver Search
Silver Independent Software Vendor (ISV)

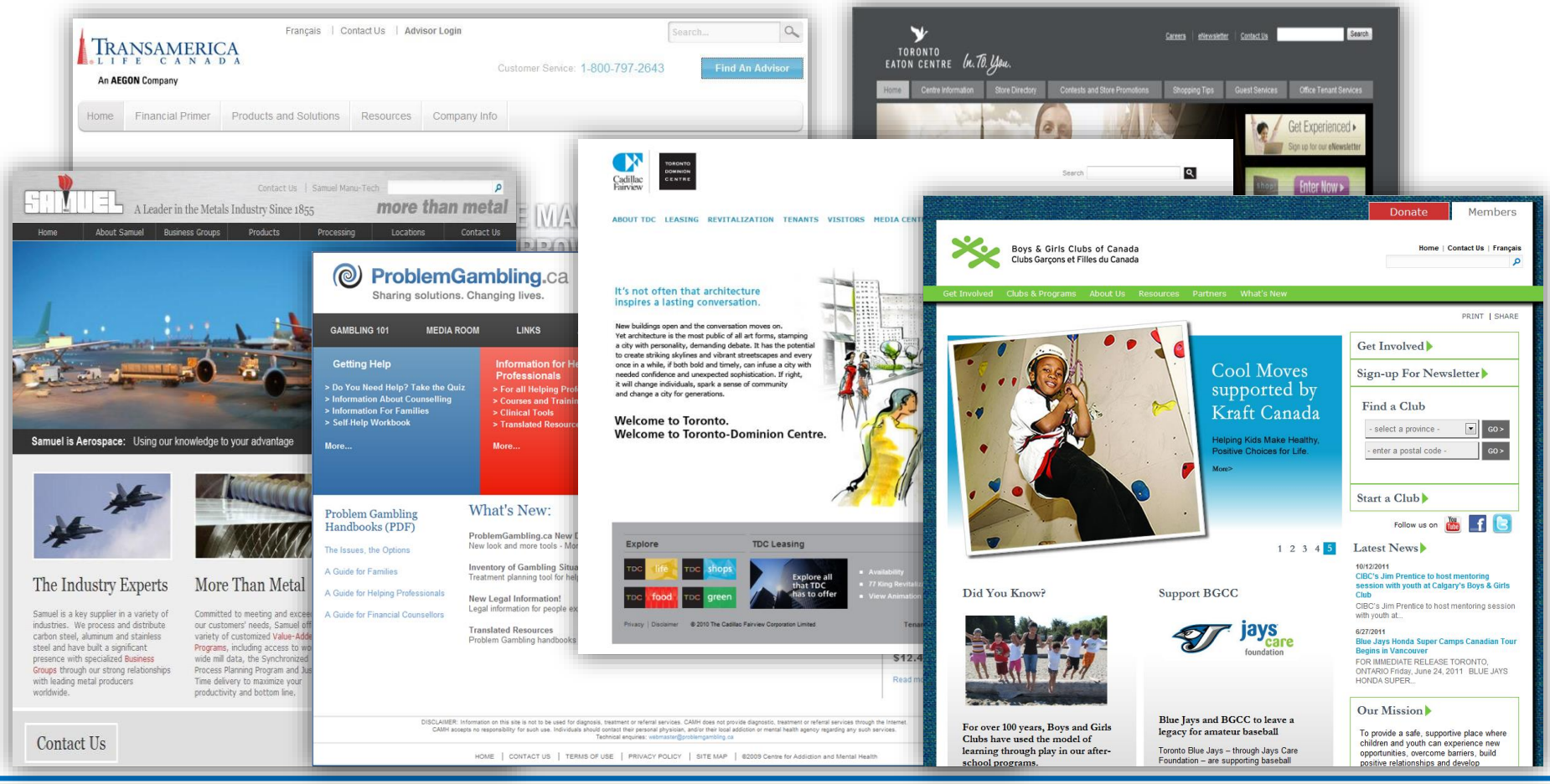
2010 IMPACT AWARDS WINNER

CANADIAN IT SECURITY AWARDS WINNER

CDN CHANNEL ELITE AWARDS
2009 SILVER WINNER
BEST GREEN SOLUTION

Public Web Sites

We create interactive, content-rich customer-facing web sites that are able to grow and transform with changing needs

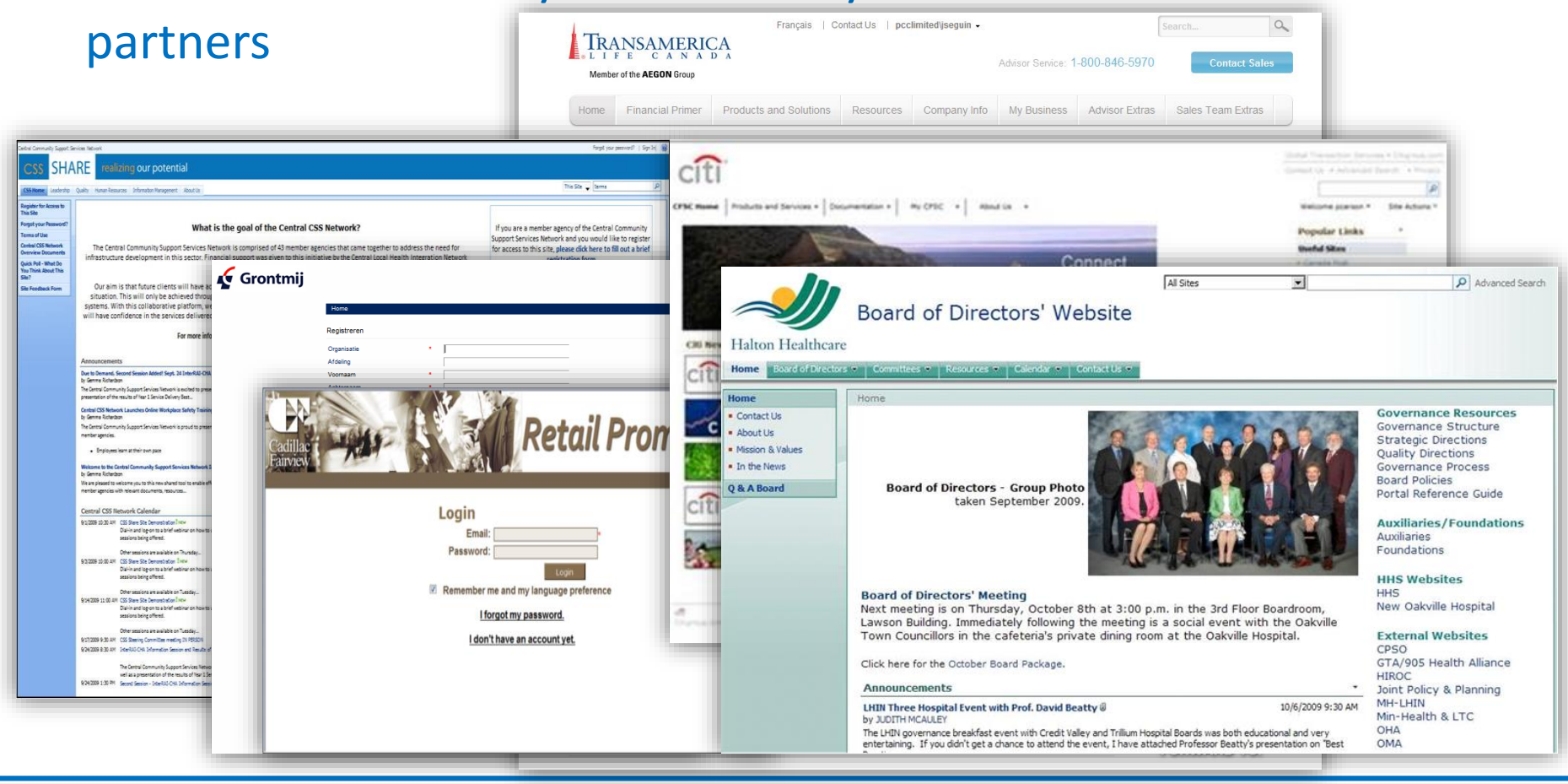


Collaboration Portals

Our Collaboration Portals provide a secure space for teams to share knowledge and resources

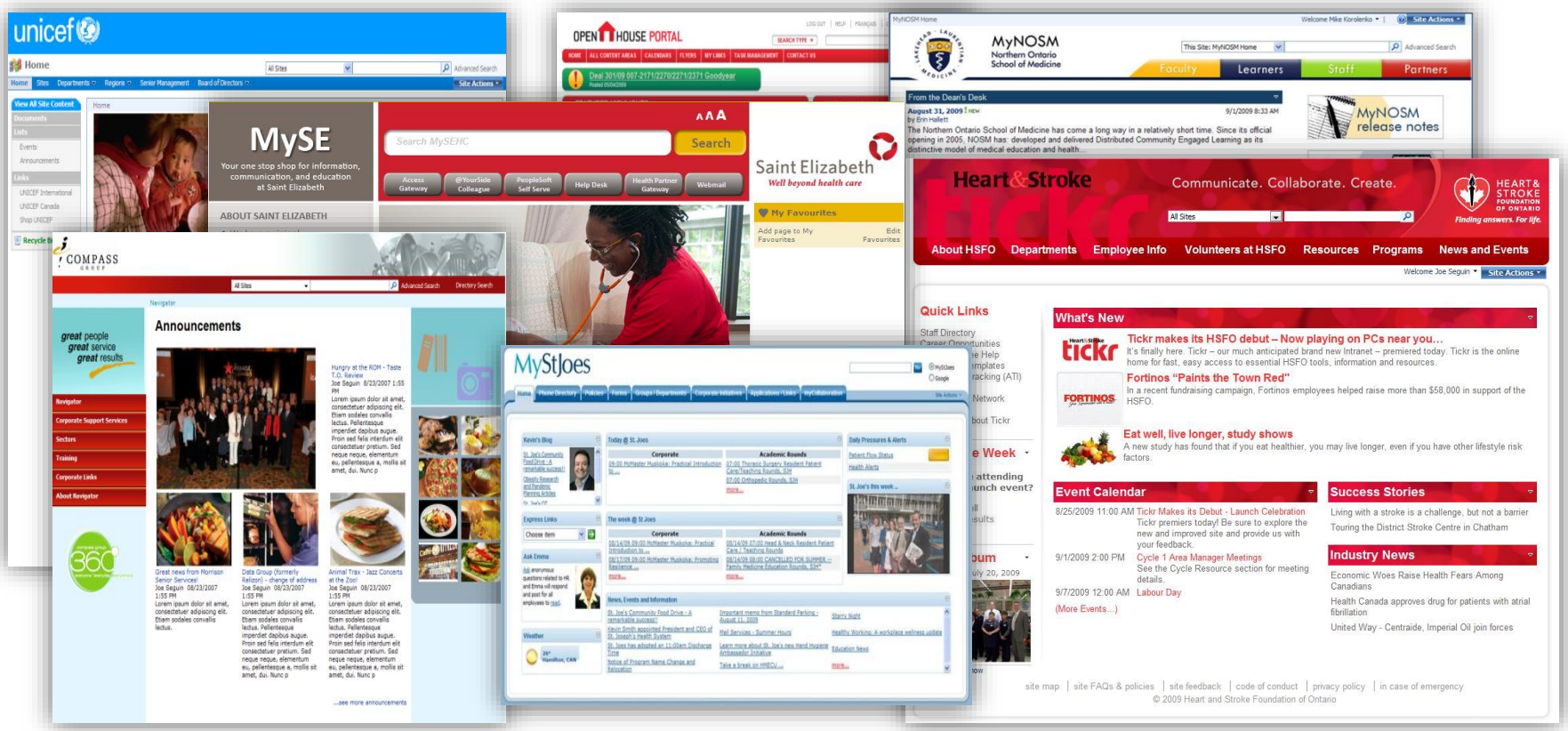
Extranets

Envision IT has a wealth of experience building Corporate Extranets that allow you to securely connect with customers and partners



Intranets

Our Intranet Sites connect people to information, expertise and key business applications, and SharePoint provides a broad set of Enterprise Content Management features



Products

Envision IT Extranet User Manager for SharePoint

Envision IT Digital Marketing Suite for SharePoint

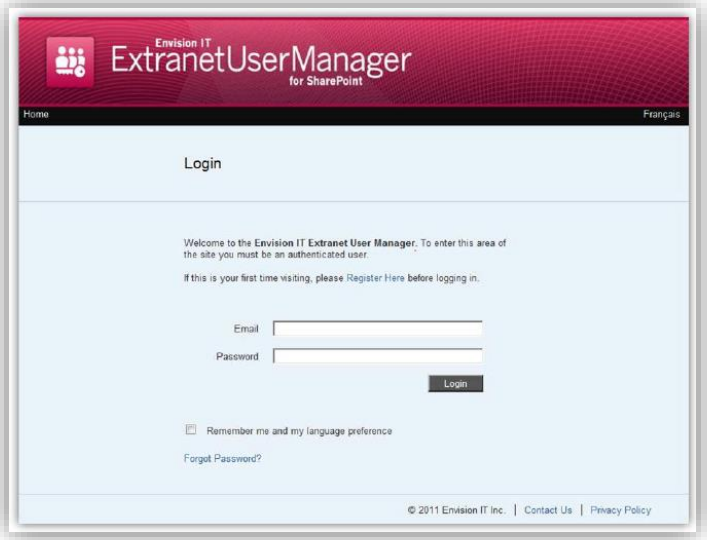
Envision IT Video Player for SharePoint

Envision IT Image Rotator for SharePoint

Envision IT Photo Viewer for SharePoint

Envision IT Custom 404 for SharePoint

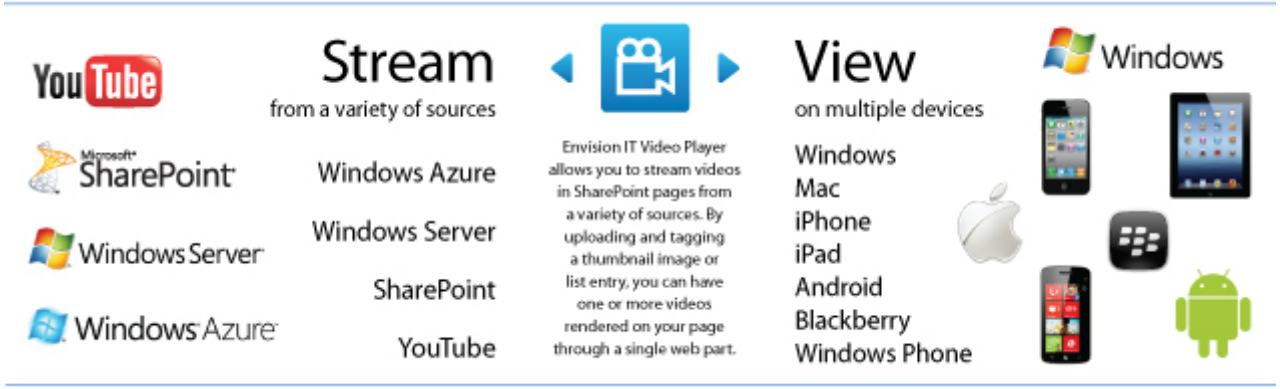
Envision IT ExtranetUserManager for SharePoint



- Easy delegation of user management to business
- Self-registration, approvals, forgotten password reset
- Single URL and sign-on for AD

Envision IT VideoPlayer for SharePoint

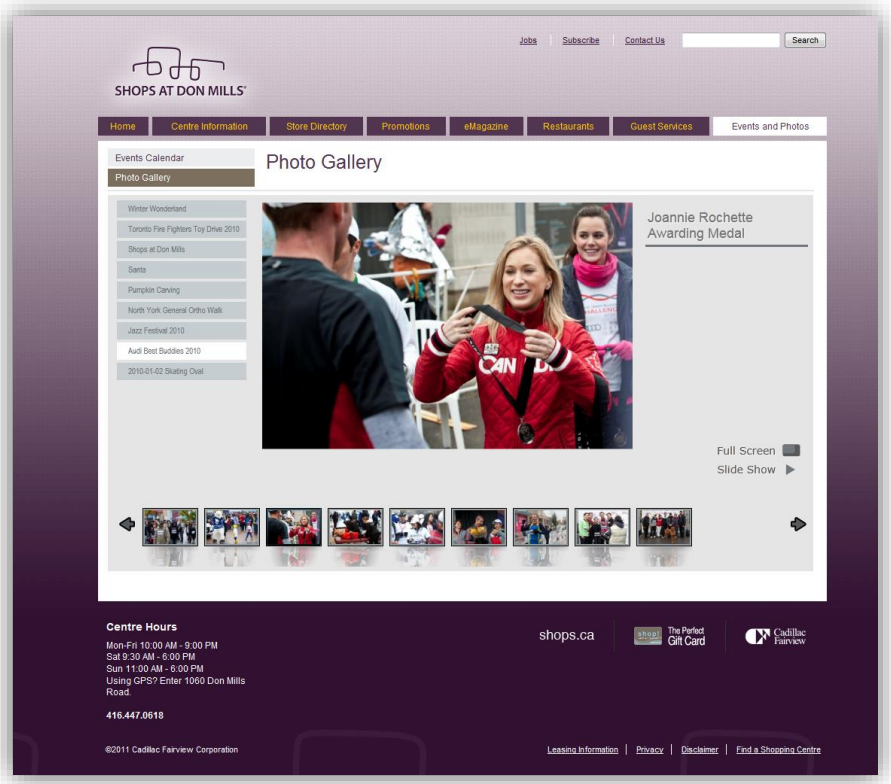
- Stream video smoothly from a variety of sources
- Simplifies embedding videos in SharePoint web content



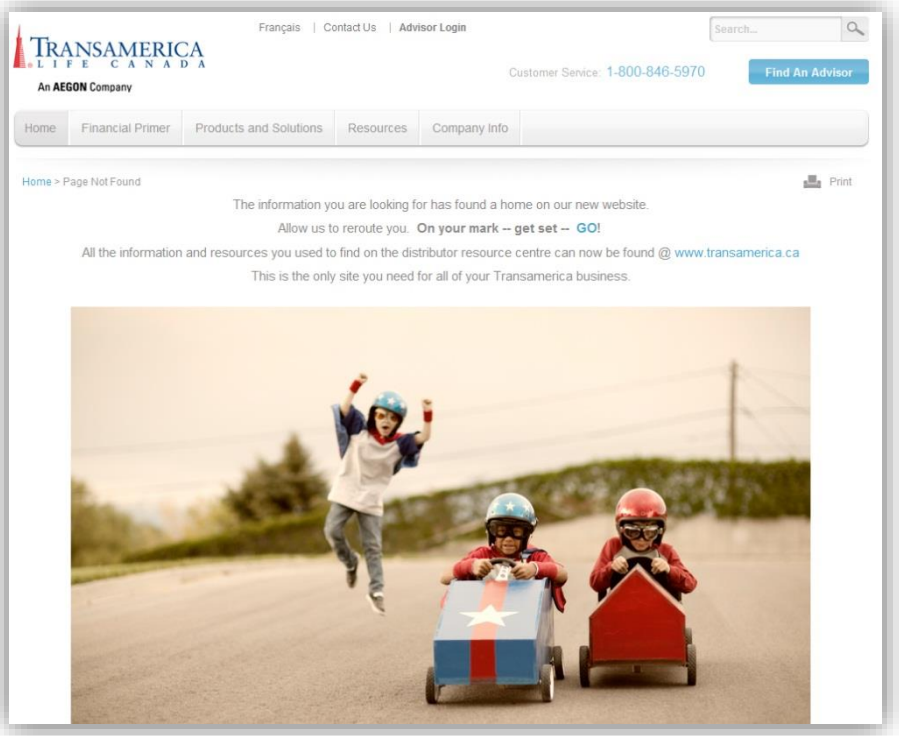
Envision IT ImageRotator for SharePoint

- Web part to support rotating banners
- Supported on iPad and mobile devices
- Easy for content authors to update

- Rich display of photographs on a web page
- Easy for content authors to update



- Eliminate ugly page not found errors
- Make sure external links still work on your new site



Microsoft SharePoint

Poll 1

Which Version of SharePoint are you currently using?

- SharePoint Server 2010
- Microsoft Office SharePoint Server 2007
- Windows SharePoint Services 3
- SharePoint Foundation 2010
- I’m not sure

SharePoint 2013 Licensing Changes

- The SharePoint For Internet sites (FIS) license is no longer needed for public web sites or Extranets
- This can save significant licensing dollars
- This applies to on-premise, Azure, or third-party hosting options
- Pricing to be finalized on the December 1 price list next week

SharePoint On Premise Licensing Scenarios

Extranet	
Current (2010)	New (2013)
SharePoint Server plus CALs for both internal and external users. **OR** SharePoint for Internet Sites (Standard, Enterprise)	SharePoint Server 2013 plus CALs for internal users only

Internet Sites	
Current (2010)	New (2013)
SharePoint for Internet Sites (Standard, Enterprise)	SharePoint Server 2013

- Extranet scenario licensed through SharePoint Server. No CALs required for external users, internal users need CALs
- Internet Sites scenario licensed through SharePoint Server
- *External users means users that are not either your or your affiliates' employees, or your or your affiliates' onsite contractors or onsite agents*
- No change in Windows server and SQL Server licensing pre-requisites

SharePoint Licensing– 2010 vs 2013

2010	Intranet	Extranet	Internet Sites
Internal Users	SharePoint Server + CAL	SharePoint Server + CAL Or SharePoint for Internet Sites (FIS)	SharePoint for Internet Sites (FIS)
External Users*	N/A		

2013	Intranet	Extranet	Internet Sites
Internal Users	SharePoint Server + CAL	SharePoint Server + CAL	SharePoint Server
External Users*	N/A	SharePoint Server	

Note*: External users means users that are not either your or your affiliates' employees, or your or your affiliates' onsite contractors or onsite agents

Office 2013 On Premise Web Apps

- I have internal users who want to access Office documents via Office Web Apps, what licenses do I need to be compliant?

Scenario	Internal User
Read Office documents via Office Web Apps	Free, no Office client required
Edit Office documents via Office Web Apps	Requires Office 2013 Standard or Professional Plus

- Our company users (who are licensed for Office Client) are working with external users on projects, what licensing do those external users need to access Office documents via Office Web Apps?

Scenario	External User*
Read Office documents via Office Web Apps	Free, no Office client required
Edit Office documents via Office Web Apps	Free, no Office client required

***External Users:** defined as users that are not either your or your affiliates' employees, or your or your affiliates' onsite contractors or onsite agents.

Hosting Options

Site Type	On-Premise	Office 365	Azure	Third-Party
Public Web Site	Yes	Very simple	Yes	Yes
Extranet	Yes	Yes	Yes	Yes
Combined	Yes	No	Yes	Yes

Office 365 Notes

- Only very simple public web sites can be hosted in Office 365
- Microsoft currently provides up to 10,000 external clients with Windows Live ID access to an Extranet with no additional subscription costs
- A combined public web site and Extranet in a single site cannot be delivered in Office 365
- Not all SharePoint features are provided in Office 365

Sample Architecture

SharePoint Web Front Ends

Office Web Apps Servers

SharePoint Application Servers

Active Directory

Clustered or Always On
SQL Server

Public Web Sites and Extranets on SharePoint

- Public web sites are pure anonymous sites
- Extranets are sites that allow external users to authenticate to consume or contribute content securely
- These can be combined in a single site
- SharePoint is ideal for all of the above

Extranet Business Goals

- Reduce supply chain inefficiencies
- Interact with your loyal customer base
- Extend customer self service strategies
- Share business resources with partners
- Enable mobile capabilities
- Extend remote employee access

Extranet Scenarios

- Collaboration or Publishing Portal
- Internet Web Site Members Only Area
- Board of Directors' Portal

Collaboration or Publishing Portal

- Team sites for collaboration
- Publishing sites for private web content publishing

Internet Web Site Members Only Area

- Public web site with a private members area
- Forms-based authentication typically used to provide a rich login experience
- Self-registration with approvals typically provided

Board of Directors Portal

- Corporate or public sector board of directors portal
- Small set of users that are typically already part of the internal corporate domain
- SSL publishing of portal externally

Poll 2

How do you use SharePoint today?

- Internal collaboration
- Internal web publishing
- Extranets
- Public facing website

Identity Management, Authentication, and Authorization

Identity Management

- Process for managing the entire life cycle of digital identities, including the profiles of people, systems, and services
- For our purposes we are focused just on people
- Who creates and manages identities? The Extranet owner or the external users themselves?
- Are identities part of the Extranet or external to it?

Authentication and Authorization

- *Authentication* is the mechanism whereby systems may securely identify their users
- Authentication systems provide an answers to the questions:
  - Who is the user?
  - Is the user really who he/she represents himself to be?
- *Authorization* is the mechanism by which a system determines what level of access a particular authenticated user should have
  - Is user X authorized to access resource R?

Identity Options

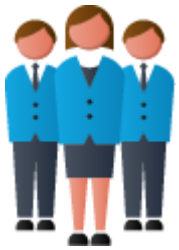
Site Owned

- Active Directory
  - Corporate
  - DMZ
- SQL

External

- Public Identities
  - Windows Live ID
  - Google
  - Yahoo
  - Facebook
  - LinkedIn
- Active Directory Federation Services
- Azure Directory Services

Four Categories of Users



Internal Users

Managed AD Users

Managed SQL Users

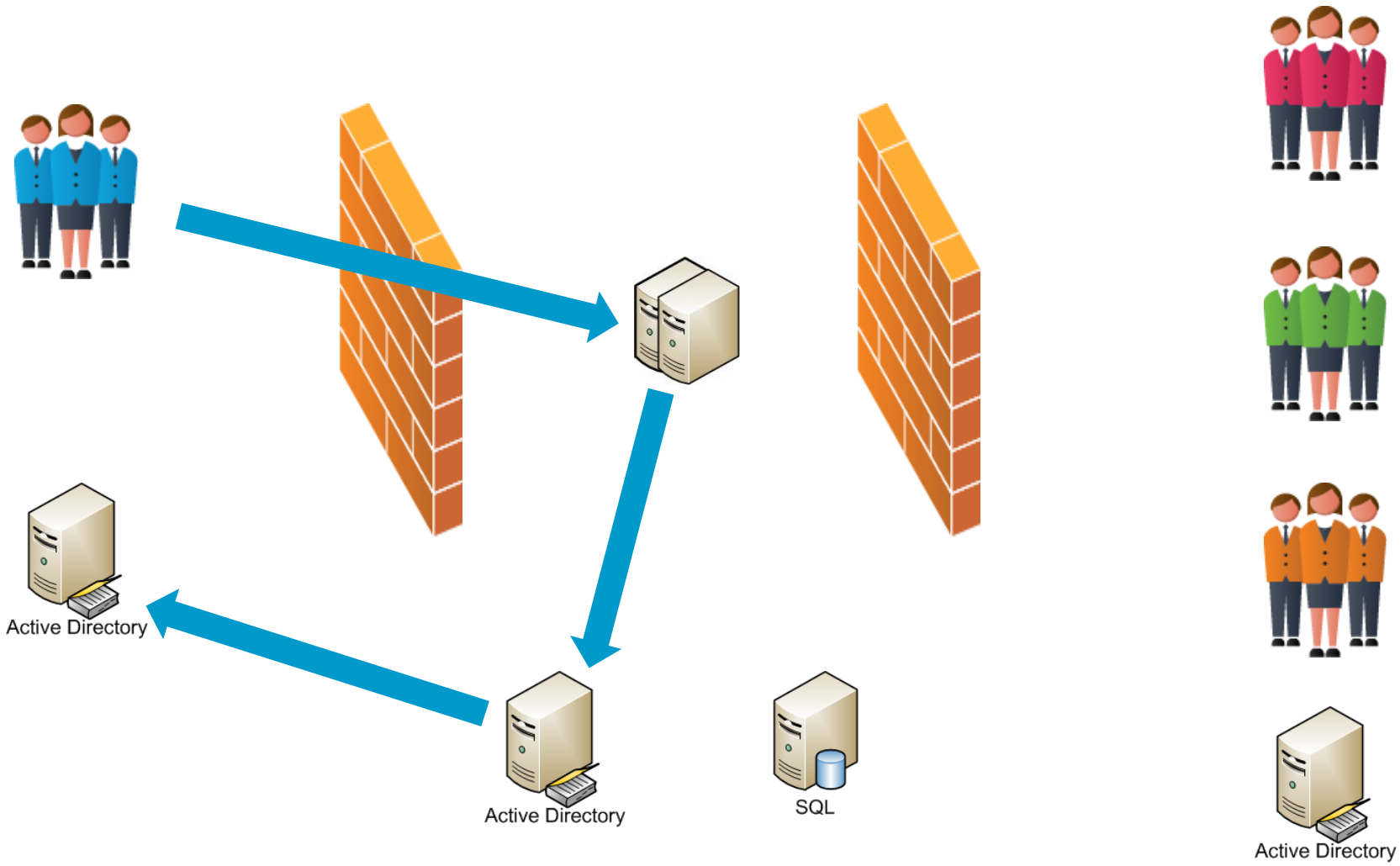
Federated Users

Active Directory

Active Directory

SQL

Active Directory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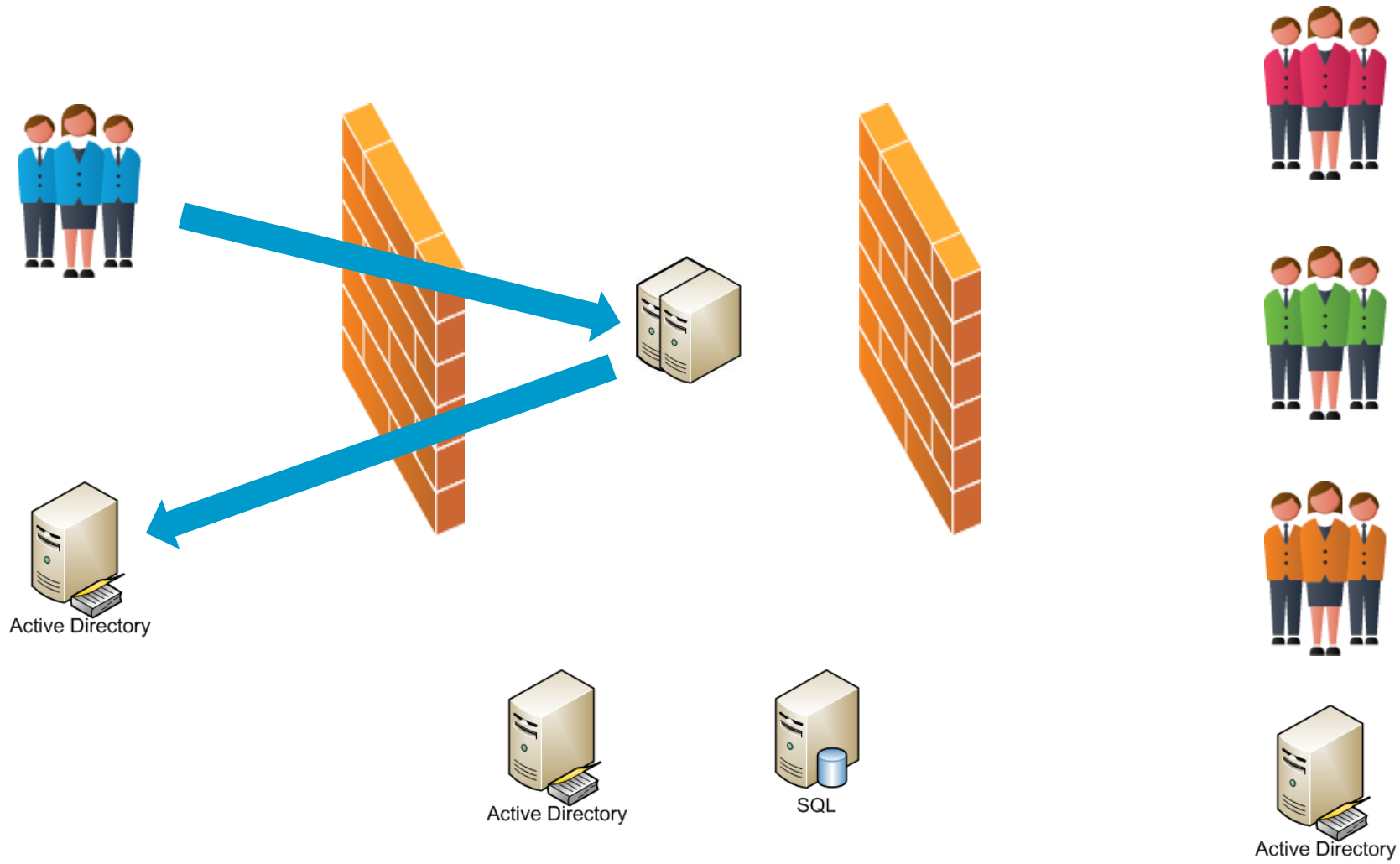
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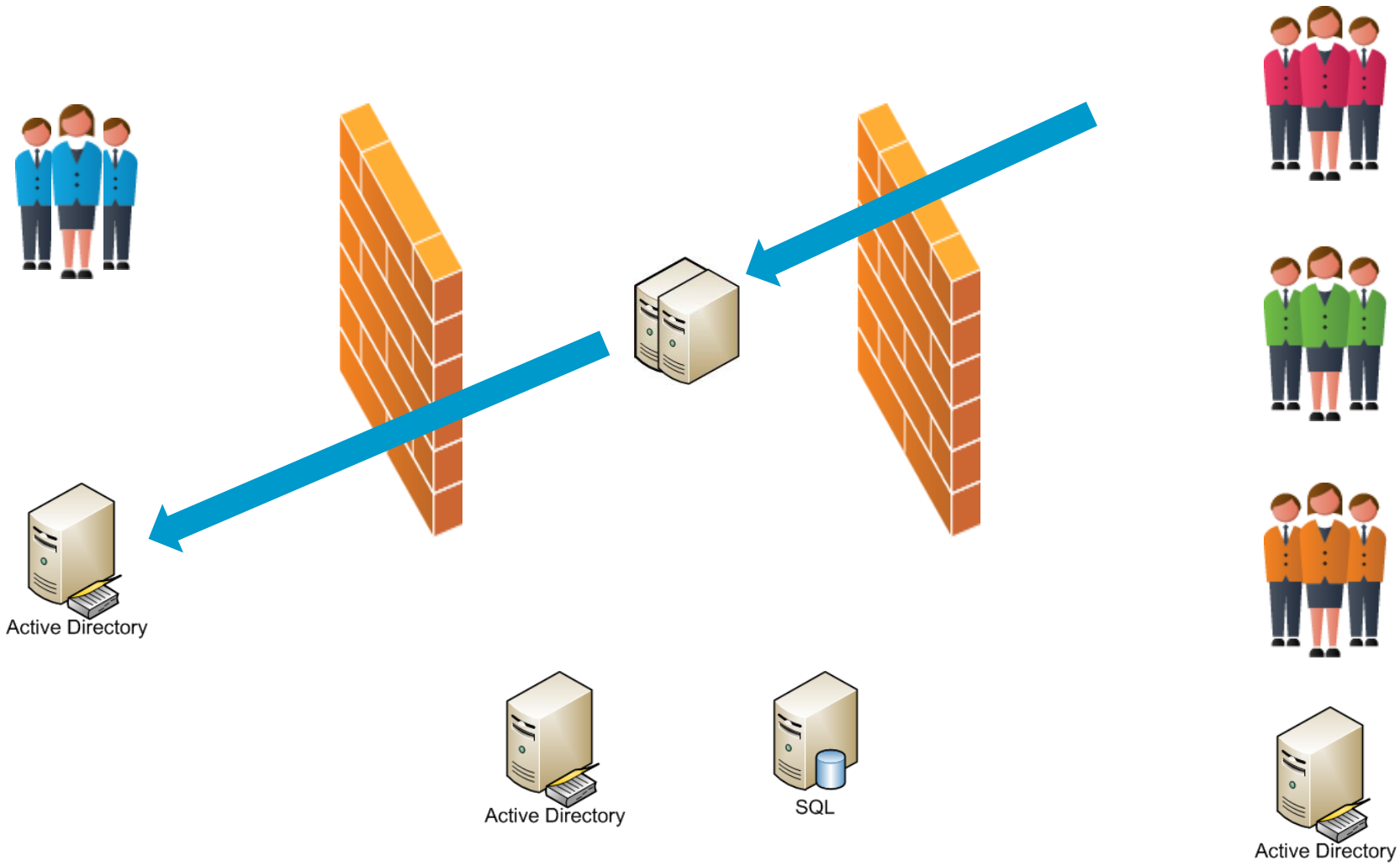
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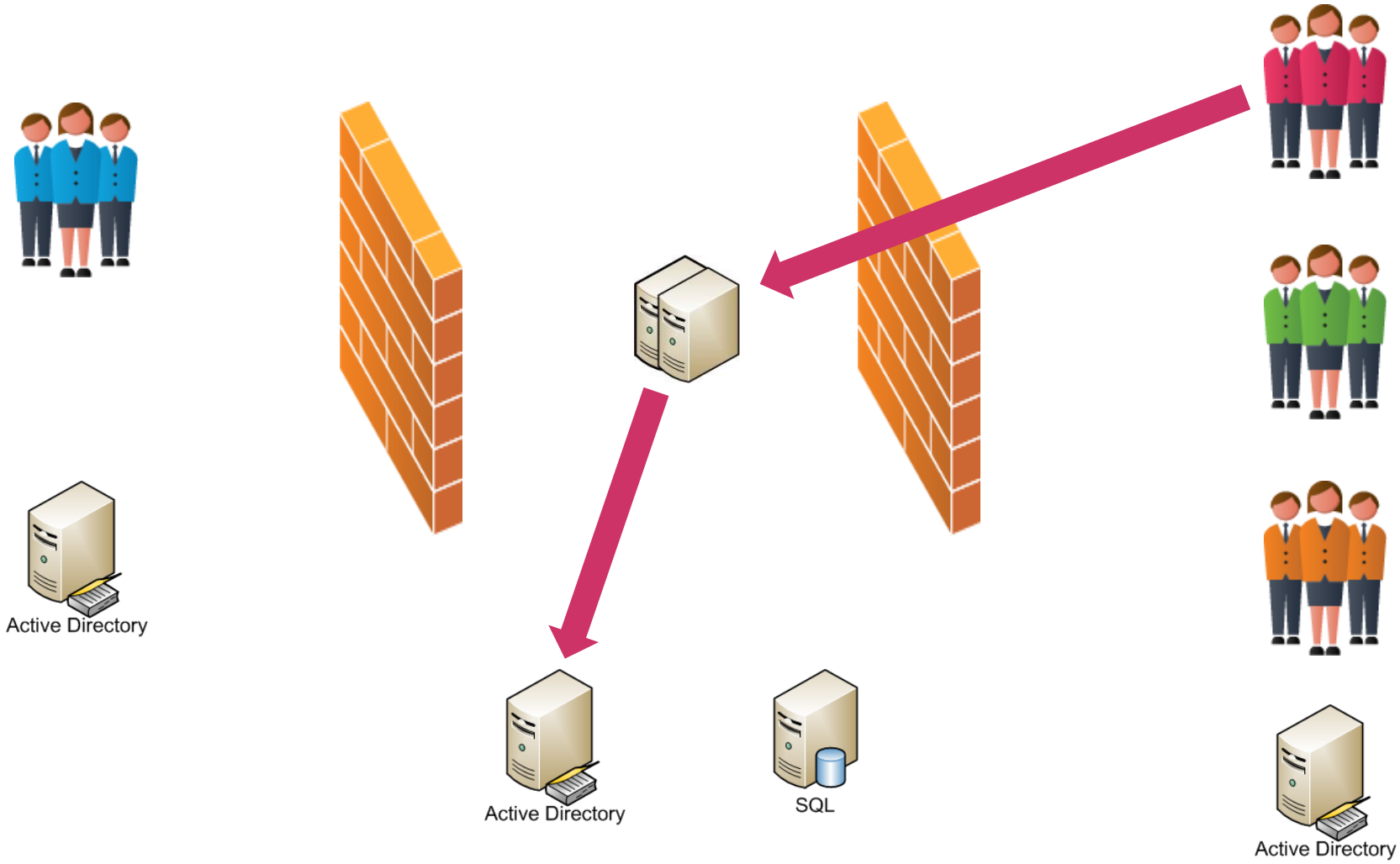
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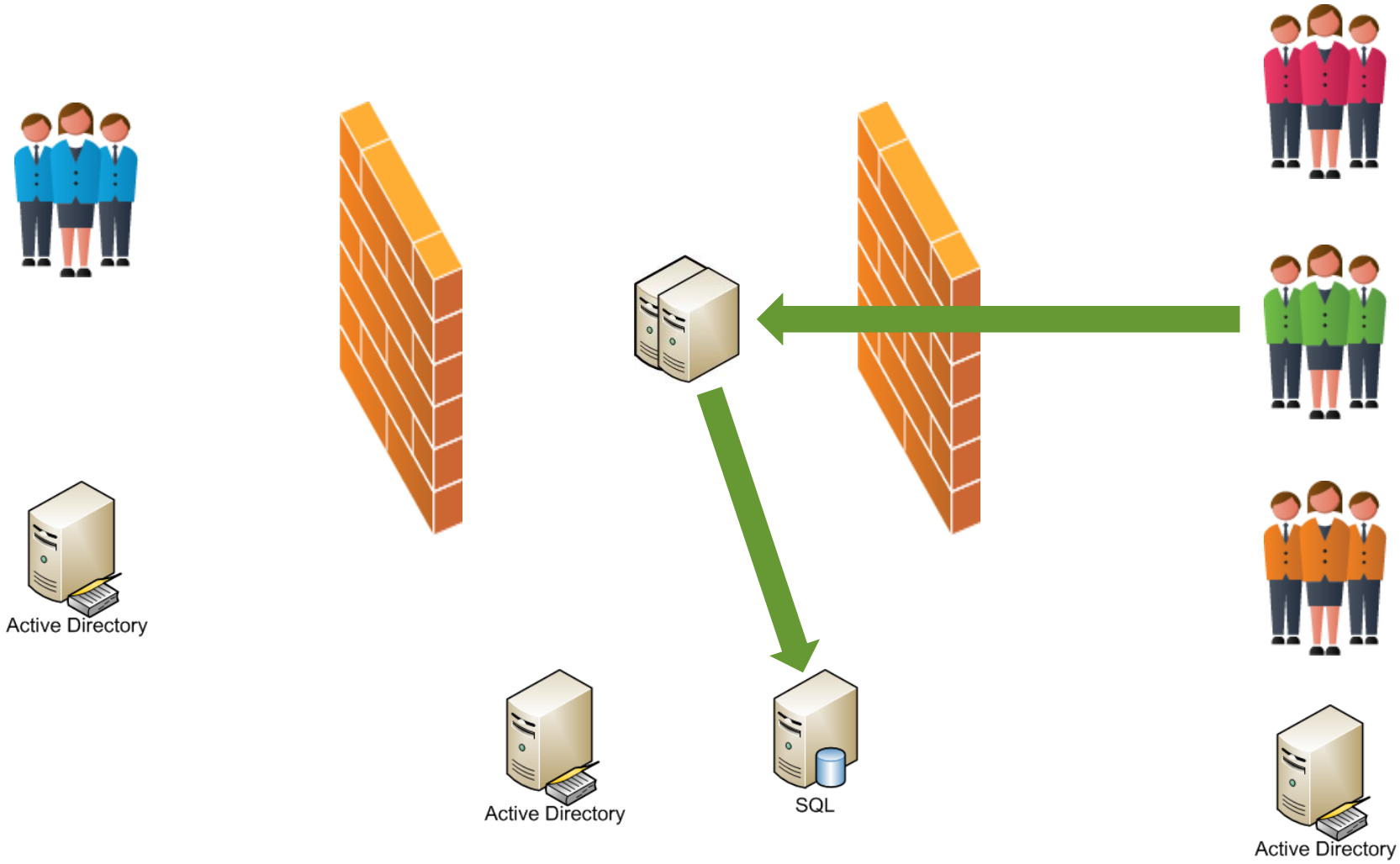
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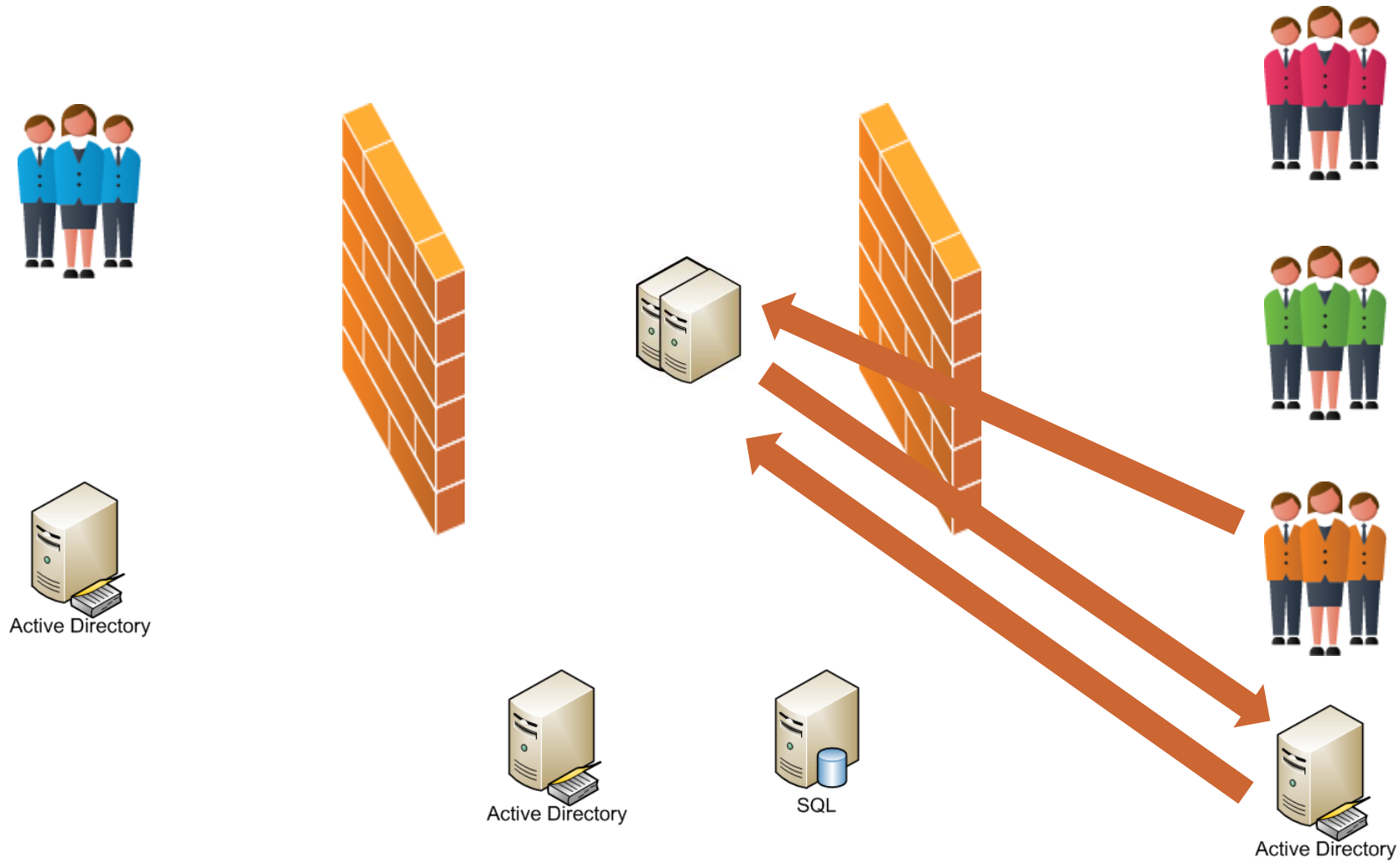
Active Directory
Active Directory
SQL
Active Directory

Active Directory

- Generally recommended that a separate AD forest is setup for the Extranet users
- May already exist in the DMZ to support the SharePoint farm
- Richer account policy control and audit capabilities

SQL

- No additional AD is required
- Standard Microsoft ASPNETDB database stores the credentials
- Encrypted passwords

Windows Authentication

- Supports Classic mode sites
- An advanced web gateway such as Microsoft Forefront TMG or UAG is recommended
  - Friendly web form is still presented
  - Can be customized
  - Single sign on can happen across multiple systems

Forms Based Authentication

- Users can be stored in either SQL or AD
- Friendly, customizable web form for login
- Login with email address, even for AD users
- Requires a Claims mode site

FBA Claims Limitations

- Search Alerts
- SharePoint Server 2010 Explorer View
- Claims to Windows Token Service (C2WTS)
- InfoPath Forms Services
- Power Pivot
- Search crawling

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ExtranetUserManager

for SharePoint

Home | Français

Login

Welcome to the **Envision IT Extranet User Manager**. To enter this area of the site you must be an authenticated user.

If this is your first time visiting, please Register Here before logging in.

Email

Password

Login

Forgot Password?

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Microsoft® Forefront® Threat Management Gateway 2010

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Security (show explanation)

This is a public or shared computer

This is a private computer

Warning: By selecting this option you acknowledge that the computer complies with your organization's security policy.

I want to change my password after logging on

Domain\user name:

Password:

Log On

Click Here if you have forgotten your password.

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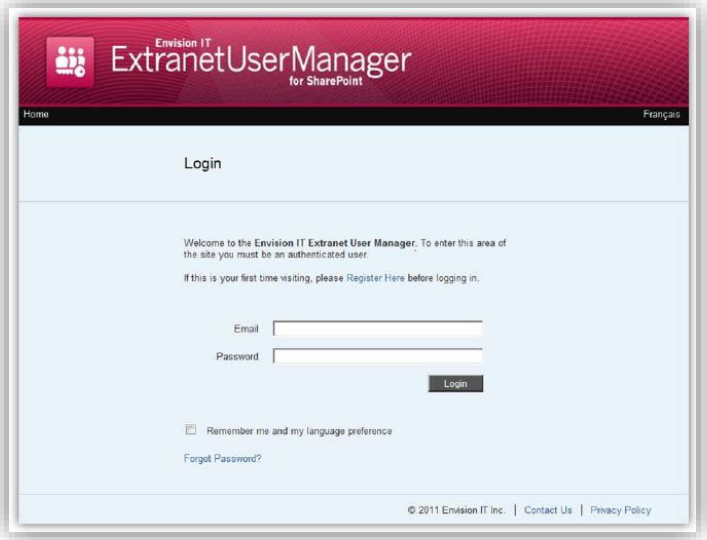
Envision IT
ExtranetUserManager
for SharePoint



- Easy delegation of user management to business
- Self-registration, approvals, forgotten password reset
- Single URL and sign-on for AD

Main Components

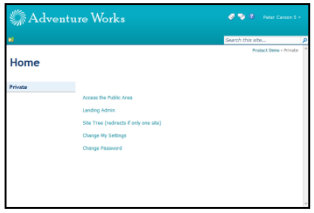
- Administration console
  - Used by IT to configure EUM
  - Used by the business to manage users and groups
- End User
  - Components that the Extranet users see
  - Login, disclaimer, change password, forgotten password
- Registration
  - Allow users to self-register
  - Support approval workflows

ExtranetUserManager
Forgot your password?

ExtranetUserManager
Login

ExtranetUserManager
Registration

ExtranetUserManager
Change Password


Adventure Works
Home

ExtranetUserManager

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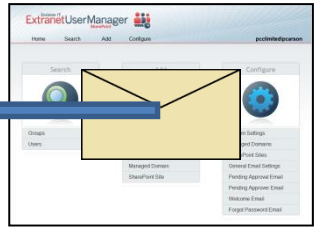
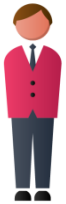
ExtranetUserManager
for SharePoint





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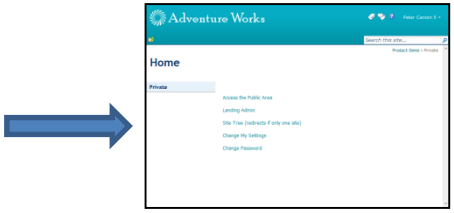

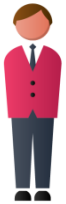

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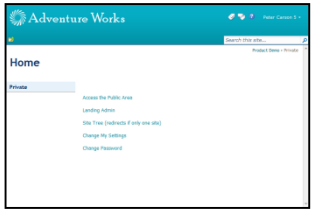
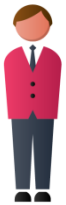
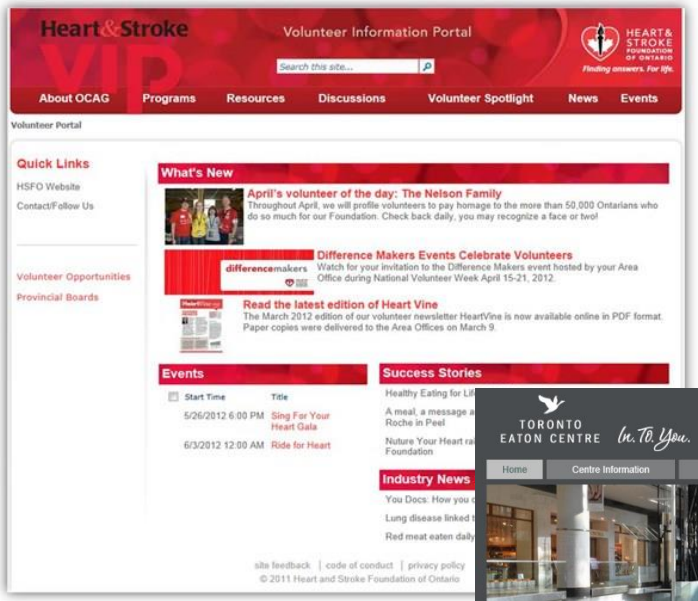
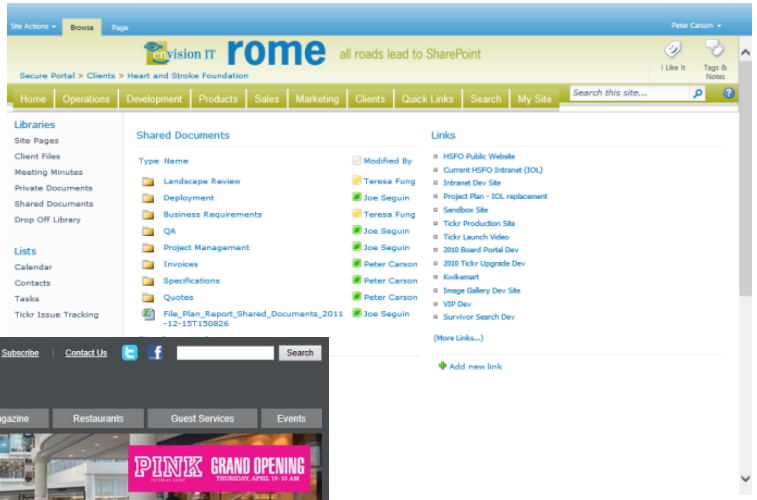


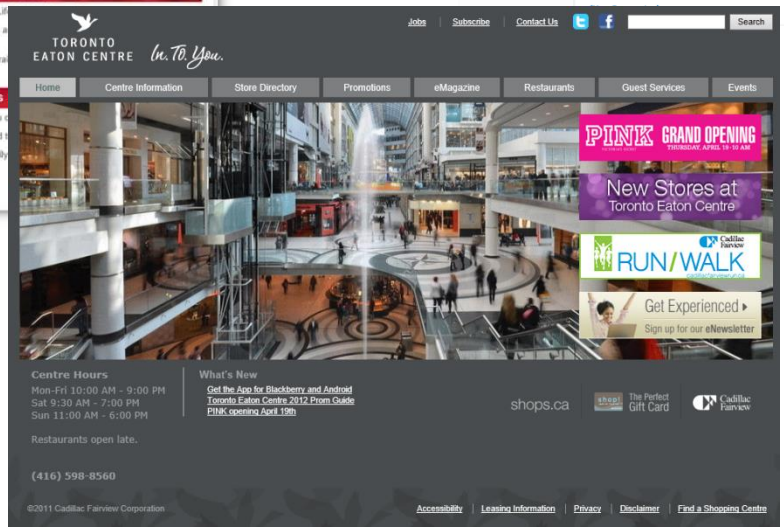


Case Studies

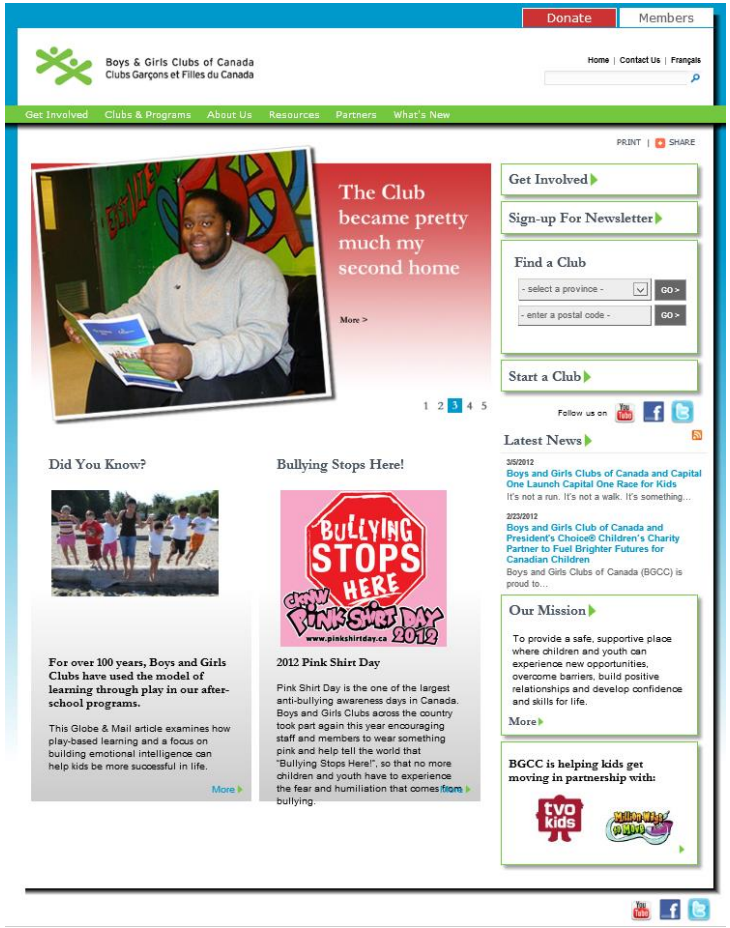
Collaboration or Publishing Portal

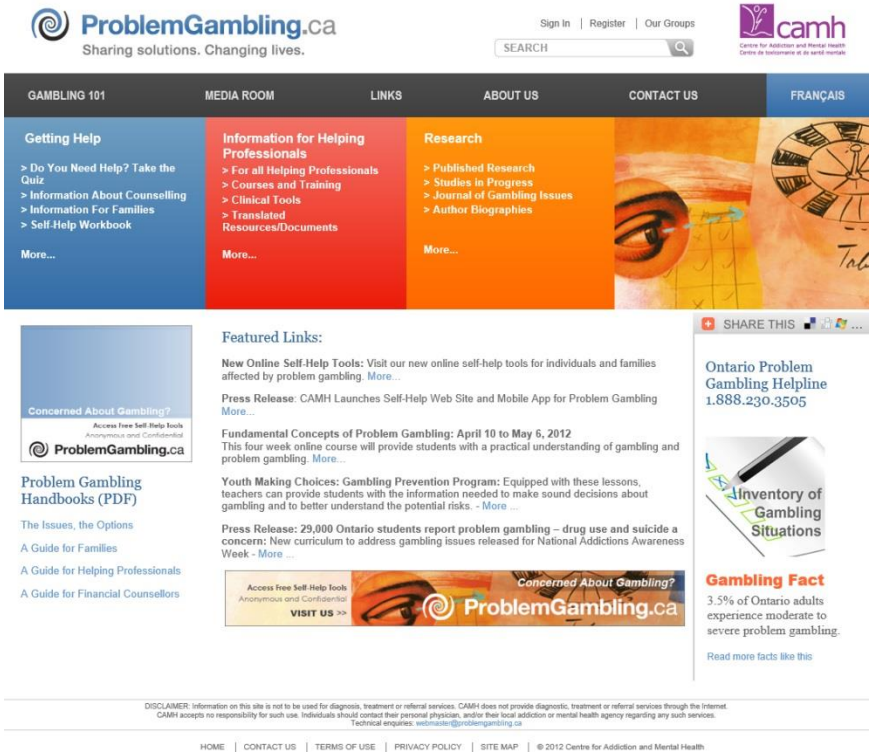




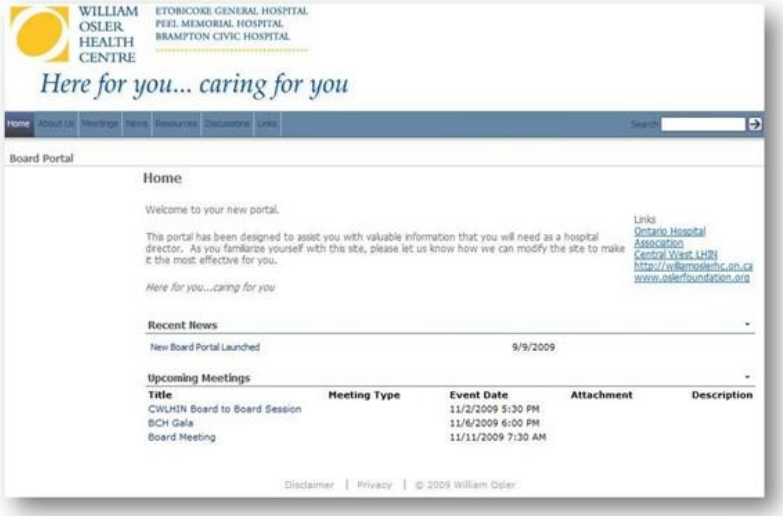


Internet Web Site Members Only Area





Board of Directors Portal



Pricing

- $8,000 per production SharePoint farm
- No limits on the number of web front ends
- 20% annual Software Assurance provides all product updates
- Dev and QA farm licenses provided as part of the production farm license

Poll 3

When would you like us to follow up?

- Immediately
- In a month
- In two months

Links

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

- www.envisionit.com/eum
- www.envisionit.com/extranet
- Boys and Girls Clubs of Canada Microsoft Case Study

- http://www.bgccan.com/EN/Pages/default.aspx
- http://www.transamerica.ca/en/Pages/Home.aspx
- http://www.problemgambling.ca/EN/Pages/default.aspx
- http://knowledgex.camh.net/Pages/default.aspx
- http://www.torontoeatoncentre.com/en/Pages/default.aspx

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

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Questions?