

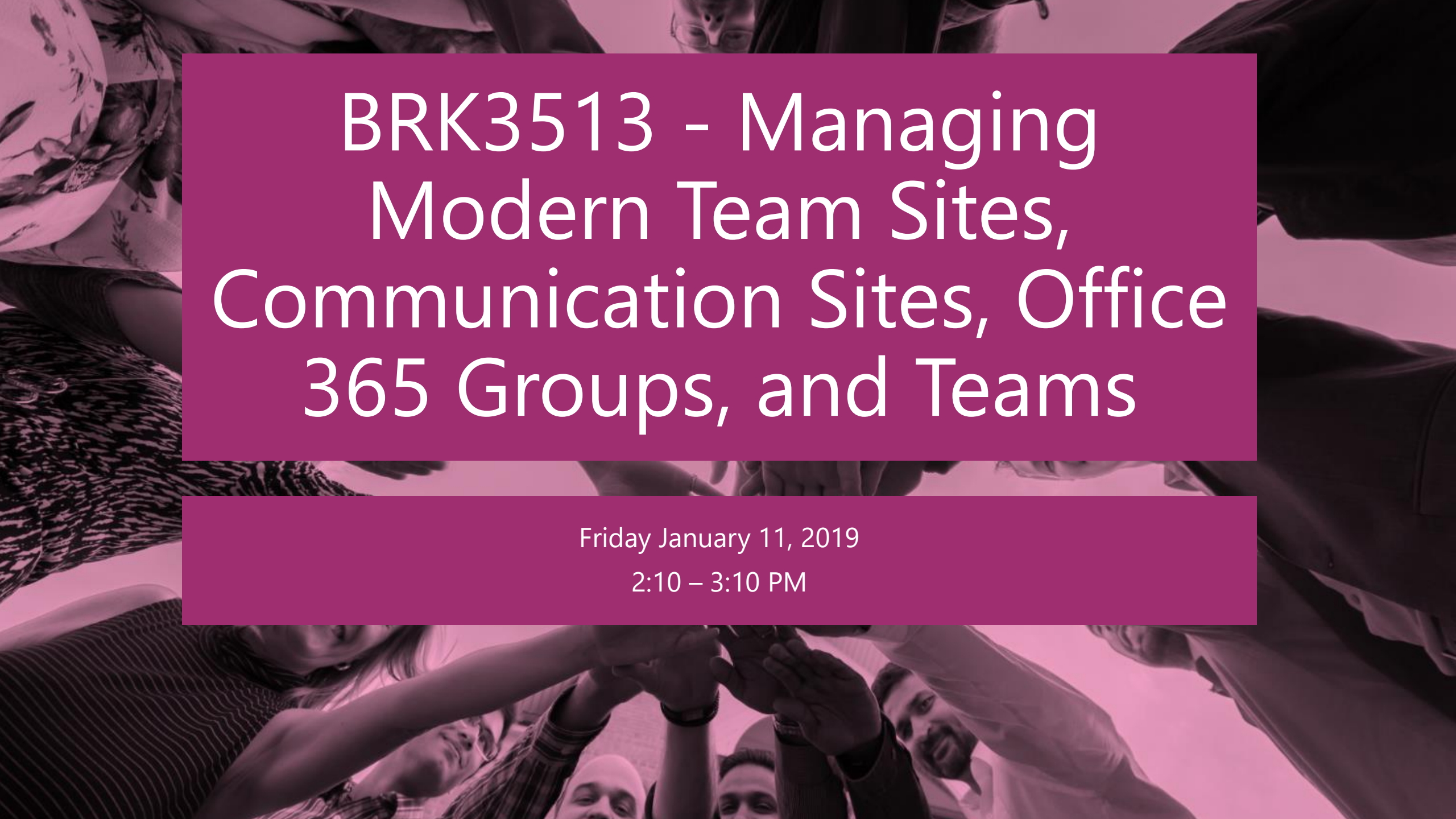


# Microsoft Ignite The Tour

Learn. Explore. Connect.

Toronto, Ontario



A low-angle, upward-looking photograph of a diverse group of people in a huddle, with their hands raised and touching in the center. The image is tinted with a magenta/purple color. A large, semi-transparent magenta rectangle is overlaid on the upper half of the image, containing the title text in white. A smaller, solid magenta rectangle is overlaid on the lower half, containing the date and time in white.

# BRK3513 - Managing Modern Team Sites, Communication Sites, Office 365 Groups, and Teams

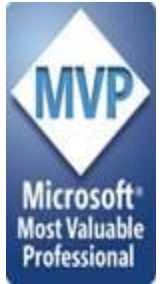
Friday January 11, 2019

2:10 – 3:10 PM

# Peter Carson



- President, Extranet User Manager
- SharePoint MVP
- Partner Seller, Microsoft Canada
- [peter.carson@extranetusermanager.com](mailto:peter.carson@extranetusermanager.com)
- <http://blog.petercarson.ca>
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- Twitter @carsonpeter
- VP Toronto SharePoint User Group



**<http://eum.co/events>**

# SharePoint Online

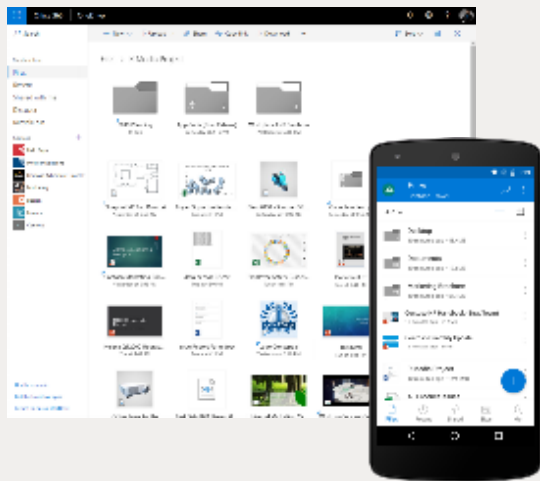


- **Communicate and Collaborate**
- **Corporate Intranet**
- **Team Sites**
- **Forms and Workflows**



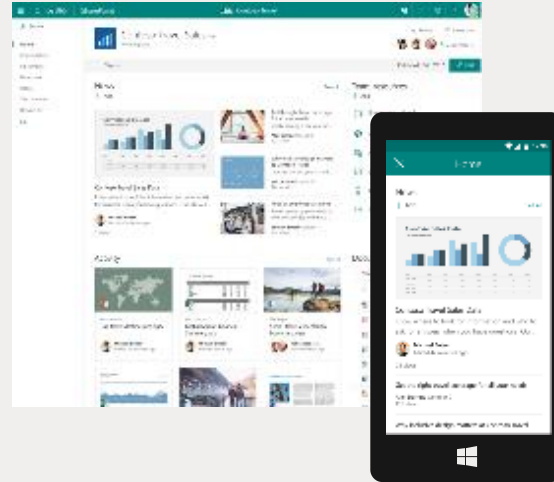
# Three places to work

## Personal files



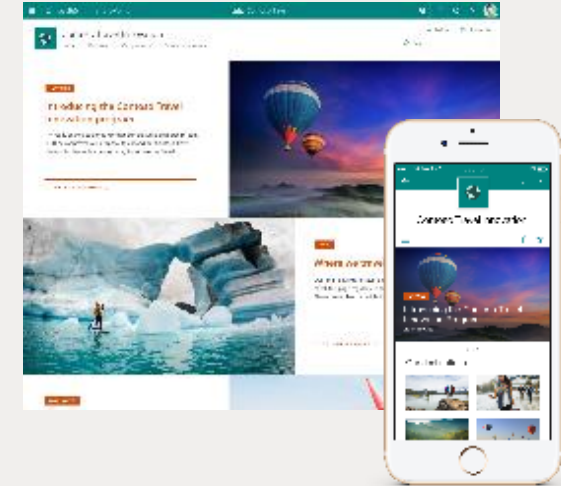
Private by  
default

## Team sites



Share content  
with your group

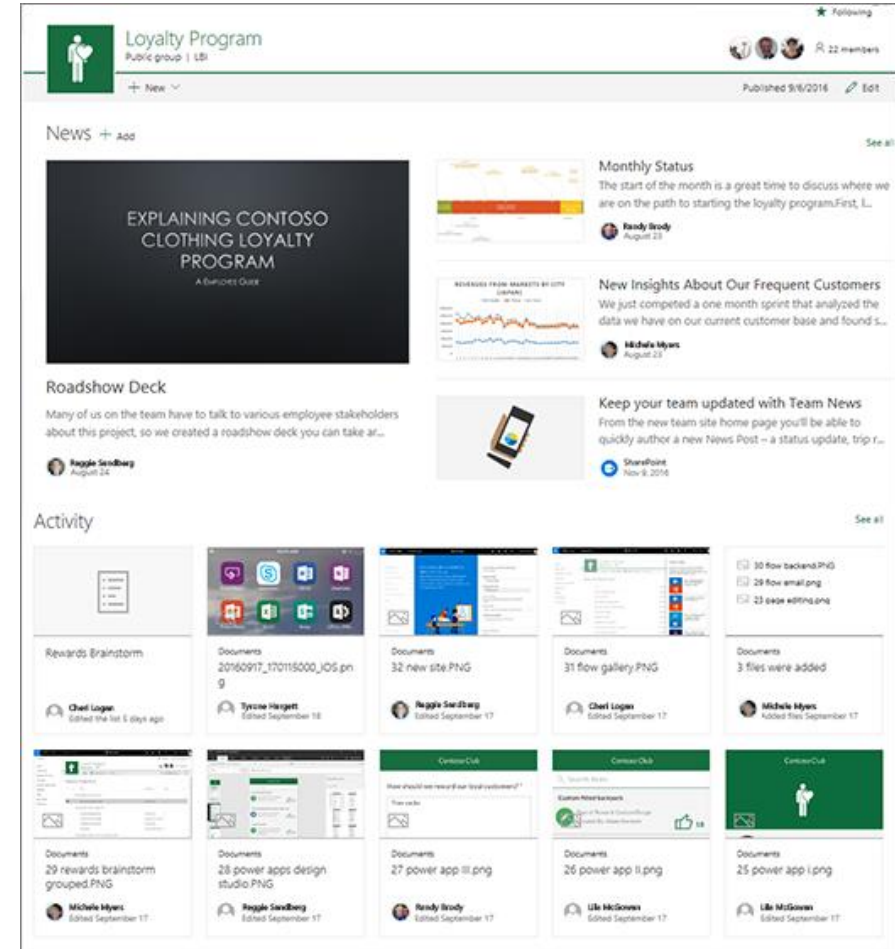
## Communication sites



Inform and engage a  
broader audience

# SharePoint – Team Sites

- By default, all members are content authors
- Department, Committee, or Project Collaboration
- External Sharing with Clients, Vendors, or Partners
- Collaboration-focused



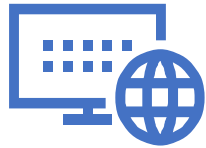
# Universal Toolkit for Teamwork

Outlook



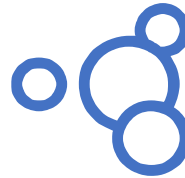
Email & Calendar

SharePoint



Intranets &  
Content Management

Yammer



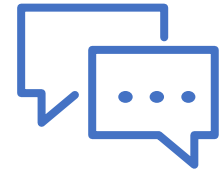
Connect Across  
the Organization

Office Apps



Co-Author

Teams



Hub for Teamwork

## Office 365 Groups

Single team membership  
across apps and services

## Microsoft Graph

Suite-wide intelligence  
connecting people and content

## Security and Compliance

Centralized policy management



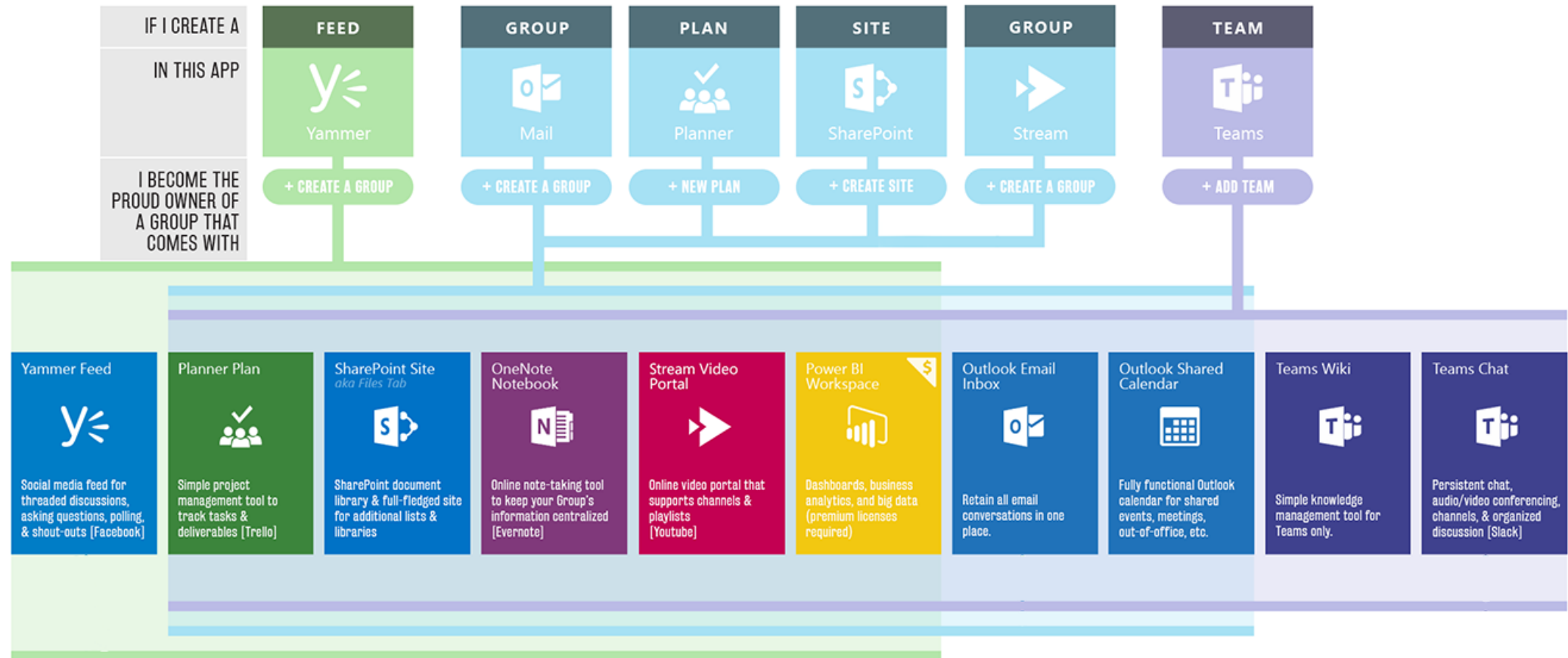
# Project Sites

# Project Management Site Wish List circa 2015

- **Exchange email and calendar support**
- **OneNote for ad-hoc note taking**
- **Full SharePoint document libraries**
- **Custom lists**
  - Tasks, Issues, Risks, Decisions
  - Top level Client and Project lists
- **Sharing with External Users**
- **External systems**
  - Financial, time tracking, bug tracking



# Office 365 Groups



Matt Wade - <http://icansharepoint.com/everyday-guide-office-365-groups/>

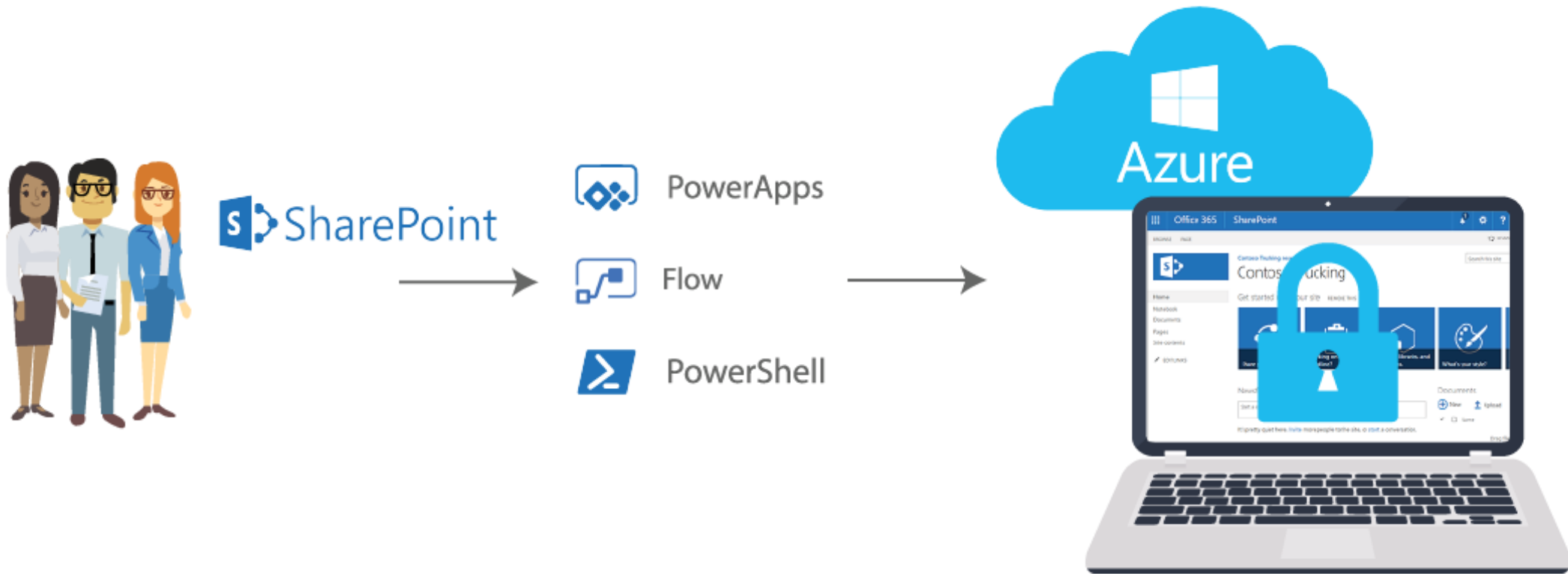
# Site Provisioning

# Solution Requirements

- **Self service form for end users**
- **Approvals if required**
- **Easily extensible and customizable for each organization's requirements**
- **Leverage out of the box and customized site templates**
- **Support for Modern sites and Office 365 Groups**
- **No Visual Studio or compiled code needed. PowerShell and configuration that IT Pros can get their heads around**



# Supporting Technologies



# Project Documentation

- **Source code is available on GitHub at**  
<https://github.com/petercarson/eum-sites>
- **Series of articles are being posted on**  
[www.extranetusermanager.com/resources/articles](http://www.extranetusermanager.com/resources/articles)
- **Full consolidated e-Book with step by step instructions will also be published**
  - Draft will be sent to all webinar attendees as a follow-up
- **Associated Engineering case studies also available**
  - [www.extranetusermanager.com/resources/case-studies/associated-engineering-manages-projects-with-office-365-and-azure-ad-b2b](http://www.extranetusermanager.com/resources/case-studies/associated-engineering-manages-projects-with-office-365-and-azure-ad-b2b)
  - [www.envisionit.com/solutions/case-studies/associated-engineering-manages-projects-with-office-365-and-azure-ad-b2b](http://www.envisionit.com/solutions/case-studies/associated-engineering-manages-projects-with-office-365-and-azure-ad-b2b)

# Solution Overview

- **SharePoint list is used to track existing sites and new site requests**
- **Site requests can be entered directly into the list, or a PowerApps or other form can be used as a front-end**
- **Microsoft Flow is triggered when new requests are added**
- **Approval workflow can be part of this**
- **Azure Function App is used to wrapper and host the PowerShell scripts**

# Solution Demo

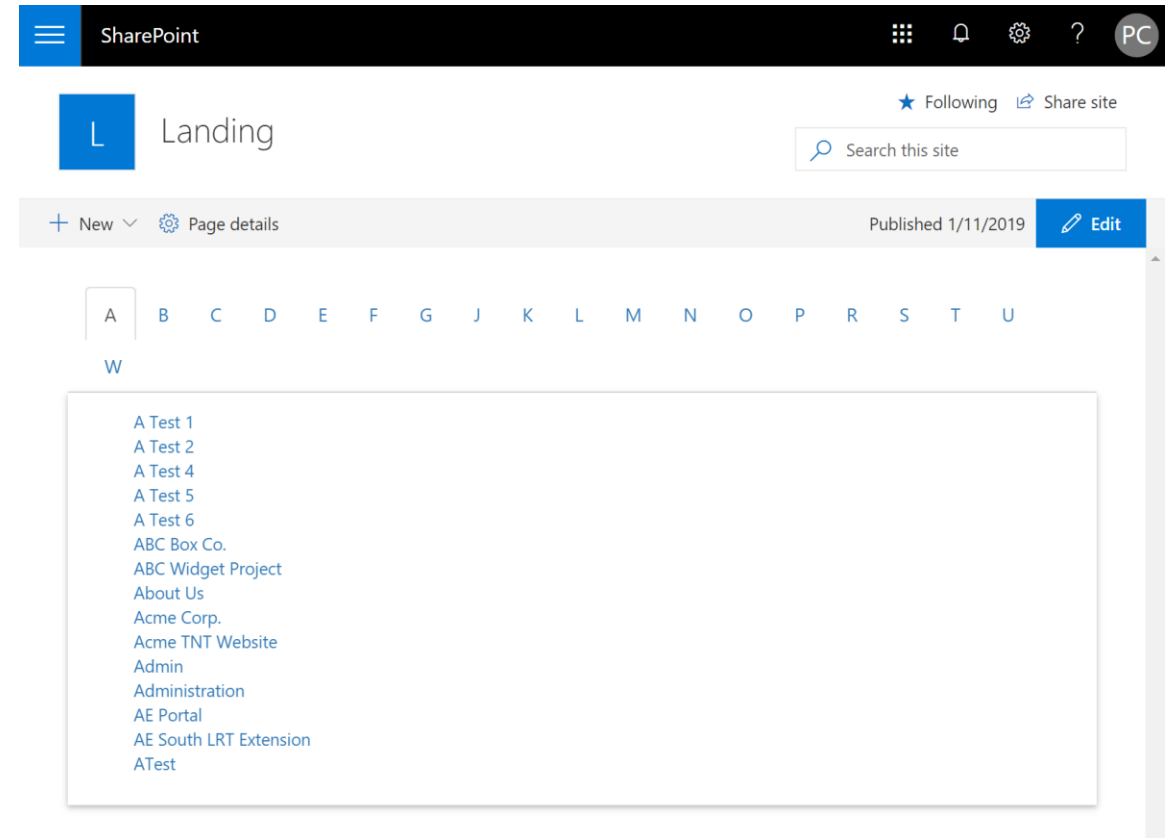
# Technical Deep Dive



# Extending the Solution

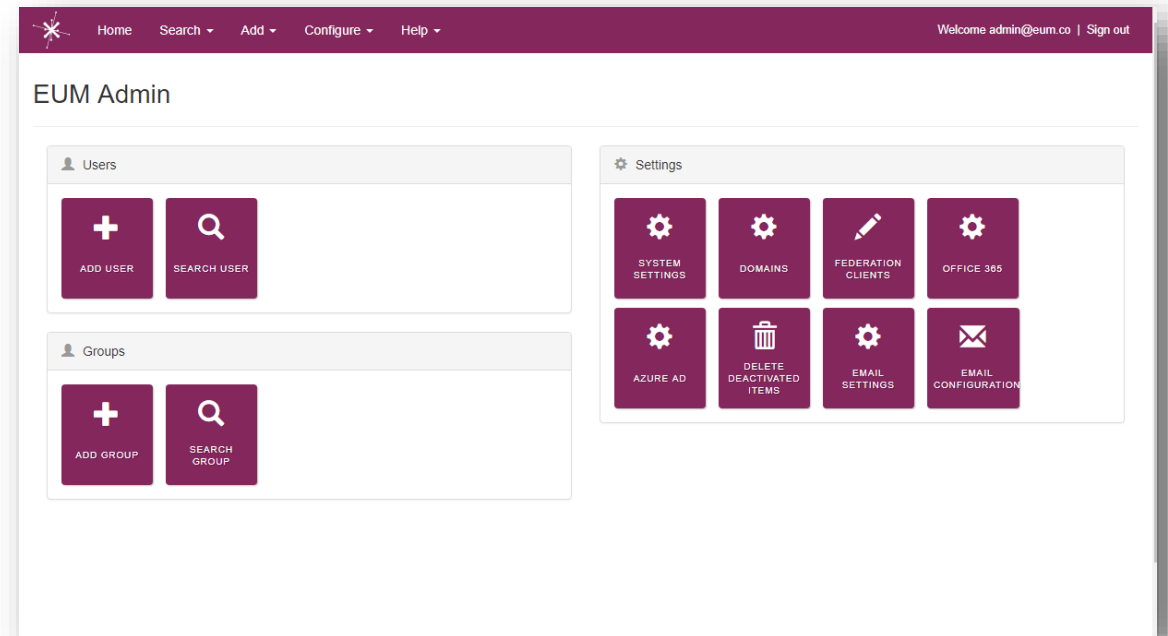
# SPFx A-Z Site Listing Web Part

- Displays a list of sites under a common parent URL
- Sites list is typically security trimmed
- Rendering depends on the number of sites
  - 0 sites – display a message
  - 1 site – auto redirect
  - 2-9 sites – display as a single list
  - 10+ sites – display in A-Z tabs



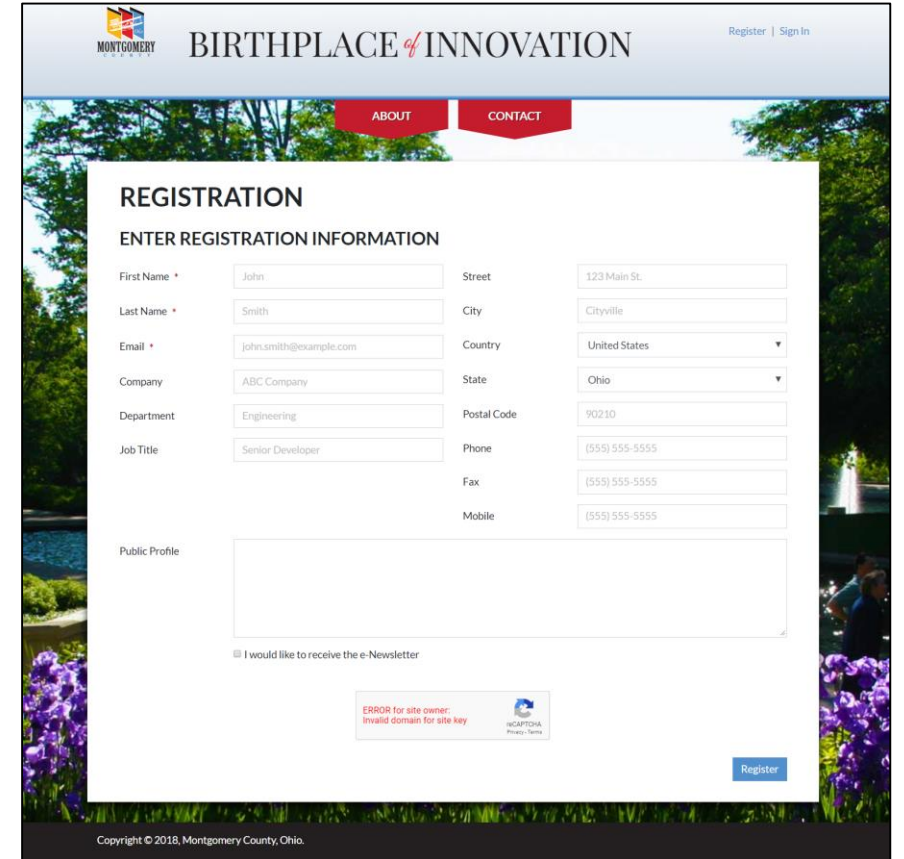
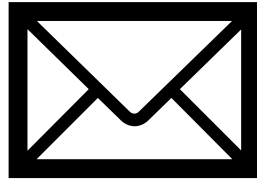
# Extranet User Manager

- [www.extranetusermanager.com](http://www.extranetusermanager.com)
- Provisioning script can create one or more EUM groups (AAD under the hood)
- Permissions can be assigned to the SharePoint site
- Don't need to be full members of the Office 365 Group
- Full REST API provides easy integration to PowerShell, Flow, and PowerApps



# Extranet User Manager Registration Options

- Invitation only
- Private registration link
- Public registration
- Registration approvals



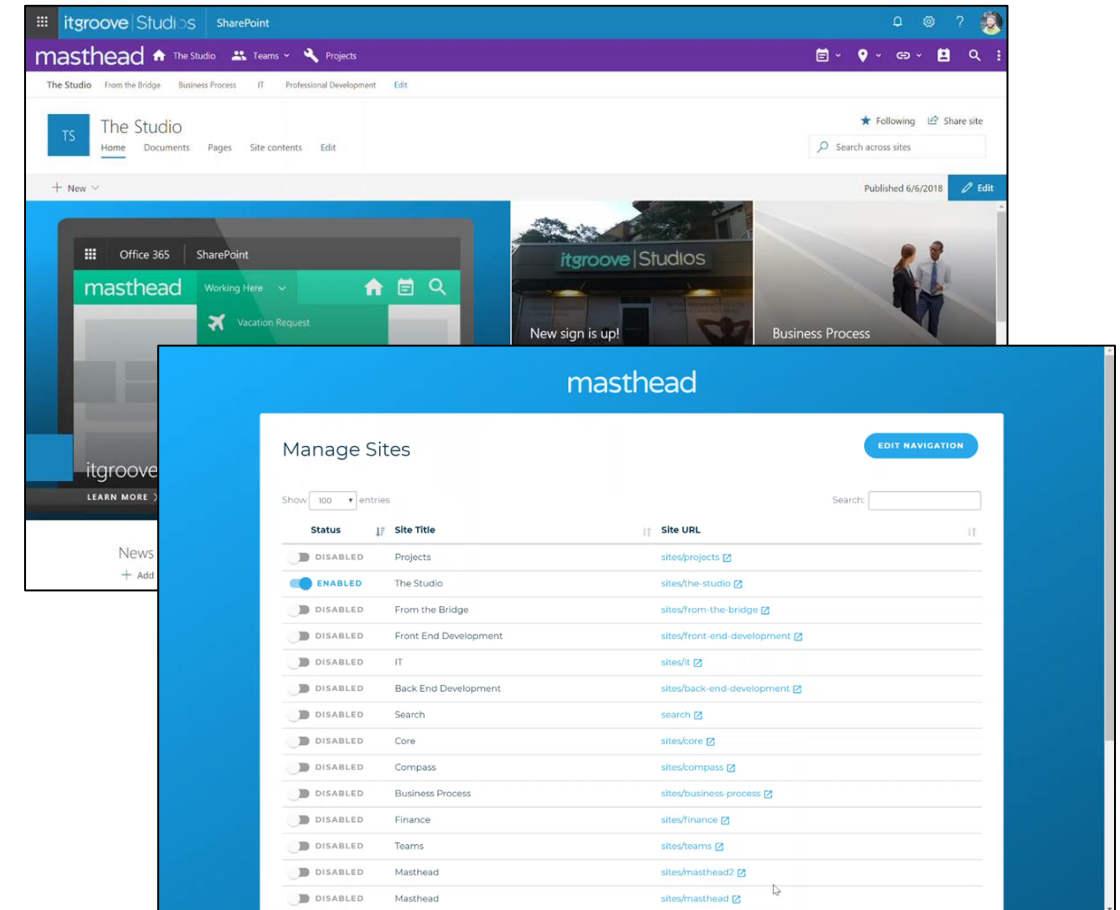
The screenshot shows a web registration form for "BIRTHPLACE of INNOVATION". The form is titled "REGISTRATION" and "ENTER REGISTRATION INFORMATION". It contains several input fields for user information:

Field	Value	Field	Value
First Name *	John	Street	123 Main St.
Last Name *	Smith	City	Cityville
Email *	john.smith@example.com	Country	United States
Company	ABC Company	State	Ohio
Department	Engineering	Postal Code	90210
Job Title	Senior Developer	Phone	(555) 555-5555
		Fax	(555) 555-5555
		Mobile	(555) 555-5555

Below the input fields is a "Public Profile" text area. At the bottom of the form, there is a checkbox labeled "I would like to receive the e-Newsletter" which is checked. A red error message is displayed: "ERROR for site owner: Invalid domain for site key". A "Register" button is located at the bottom right of the form. The website header includes the "MONTGOMERY" logo and the text "BIRTHPLACE of INNOVATION". Navigation links "ABOUT" and "CONTACT" are visible. The footer contains the copyright notice "Copyright © 2018, Montgomery County, Ohio."

# Masthead Global Navigation

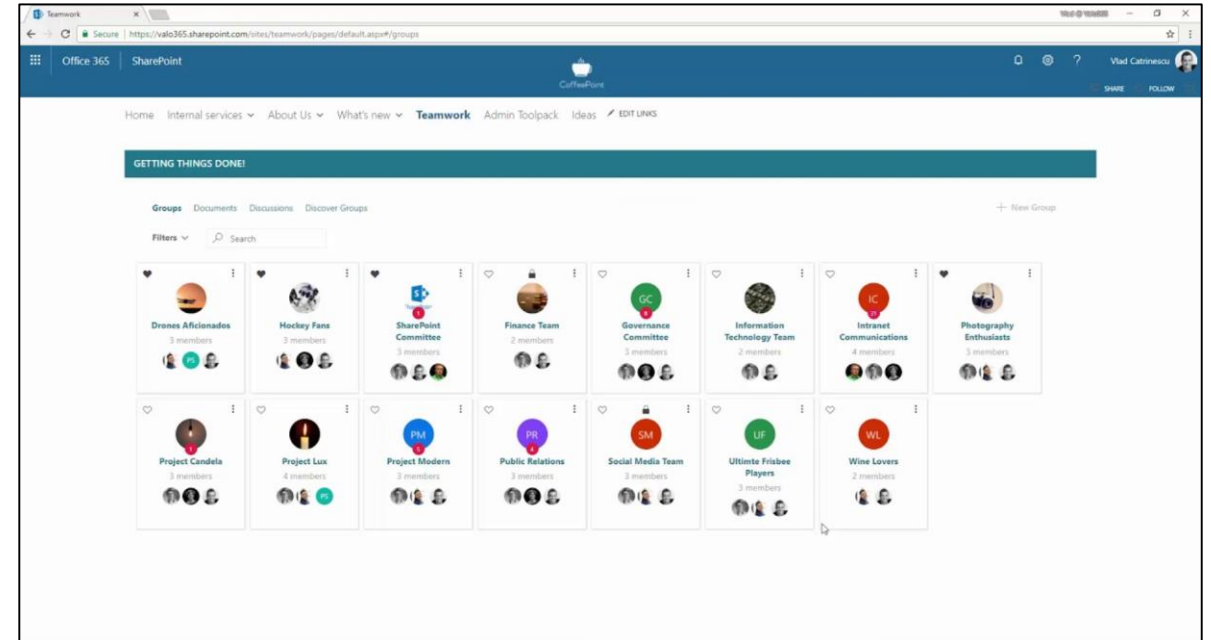
- Masthead ([www.masthead365.com](http://www.masthead365.com)) provides a consistent global nav across an entire Office 365 tenant
- PowerShell can be extended to add Masthead to new sites





# Valo Teamwork

- [www.valointranet.com/teamwork](http://www.valointranet.com/teamwork)
- Brings together all your collaboration tools and makes working with multiple teams easy



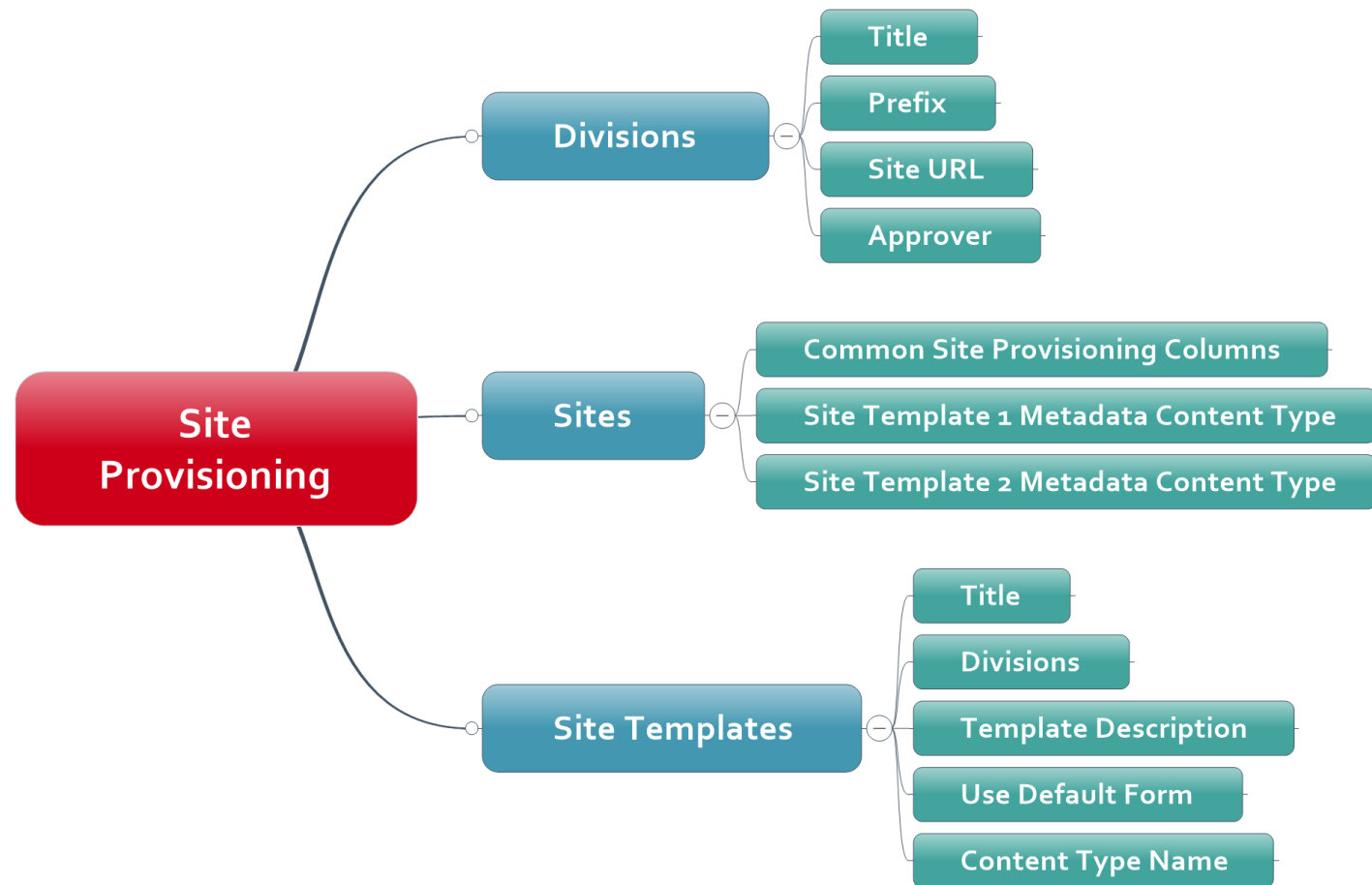
# Dynamic Site Request Forms

- Dynamically generated HTML form
- Different site templates can have different forms
- Based off SharePoint content types
- Currently built for a client for SharePoint 2013 and Nintex
- Refactoring into SPFx
- Integrate into A-Z Web Part

The screenshot shows a 'Site Request' form with the following fields and controls:

- Division \***: A dropdown menu with 'Environmental Services' selected. Below it is the text 'Please select a division.'
- Site Template \***: A dropdown menu with 'ES Project Template' selected. Below it is the text 'Create an Environmental Services project site'.
- Title \***: A text input field.
- Purpose \***: A large text area. Below it is the text 'Briefly describe the purpose of the site being requested.'
- Project Name**: A text input field.
- Project Manager**: A text input field.
- Project Number**: A text input field.
- Project Description**: A large text area.
- Project Location**: A text input field.
- Bid Date**: A date picker icon followed by a text input field.
- Design Engineer**: A text input field.
- Engineer's Estimate**: A currency input field with a '\$' icon and the value '0.00'.
- Surveyor Company**: A text input field.
- Close**: A button at the bottom right.

# Dynamic Site Request Forms



# Wrap-Up Points

- **Office 365 Groups are a great way to manage projects**
  - SharePoint, conversations, calendar, OneNote, Skype, Planner, Delve
- **You don't need to start with everything, choose what makes sense for your organization**
- **Be prepared for change, Office 365 is changing quickly**
- **Decide which conversation formats make sense for your teams**
  - Outlook, Yammer, Teams (persistent chat)
- **Put your governance in place**
- **What is your external user policy?**
- **Figure out your Information Architecture and site templates**
- **Build a provisioning process**

# Upcoming Events

## Extranet User Manager

Understanding Single Sign On and Authentication Protocols  
Jan 29, 2019

Valo Teamwork and Extranet User Manager  
Feb 21, 2019

Developing Custom Connectors for the Microsoft Power Platform  
Feb 28, 2019

[eum.co/events](http://eum.co/events)



May 21-23, 2019  
Las Vegas  
[www.sharepointna.com](http://www.sharepointna.com)



# Thank you!

## Questions?



**<http://eum.co/events>**