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Leveraging the SharePoint Investment (Thinking beyond file storage)

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Agenda

- Overview of Enterprise Collaboration Services (ECS)
- High level architectural designs of Sandia's SharePoint Infrastructure.
- Leveraging SharePoint Social Tools for Internal / External Collaboration
 - Community Sites – Collaboration Made Easy
 - Enterprise Search – Securely Finding What You Need
 - MySites – Social for the Enterprise
 - OneDrive for Business – Your Internal Cloud Storage
- SharePoint Application Development
 - Forms / Workflows
 - Branding
 - App Store
- Questions

Overview of ECS

Unified Messaging – Email & Voicemail

Exchange – SMTP Transport – SPAM / Malware – Distribution Lists – Room Calendars – Public Folders

SharePoint Products and Technologies

Business Intelligence – MySites and Social – Communities – Enterprise Search – TFS - Project

Real Time Collaboration – Skype for Business

Instant Messaging & Presence – Screen Sharing – A/V Conferencing – LYNC Room Systems – Telephony Integration – Legacy Room Integration

Advanced SharePoint Development & Support

Site Branding – Workflow & Form Development – Web Application Development – Development Farms

Mobility Support

Active Sync – Skype Access - MDM

Digital Media

Live Events – Media Archive Encoding

Managed File Transfer

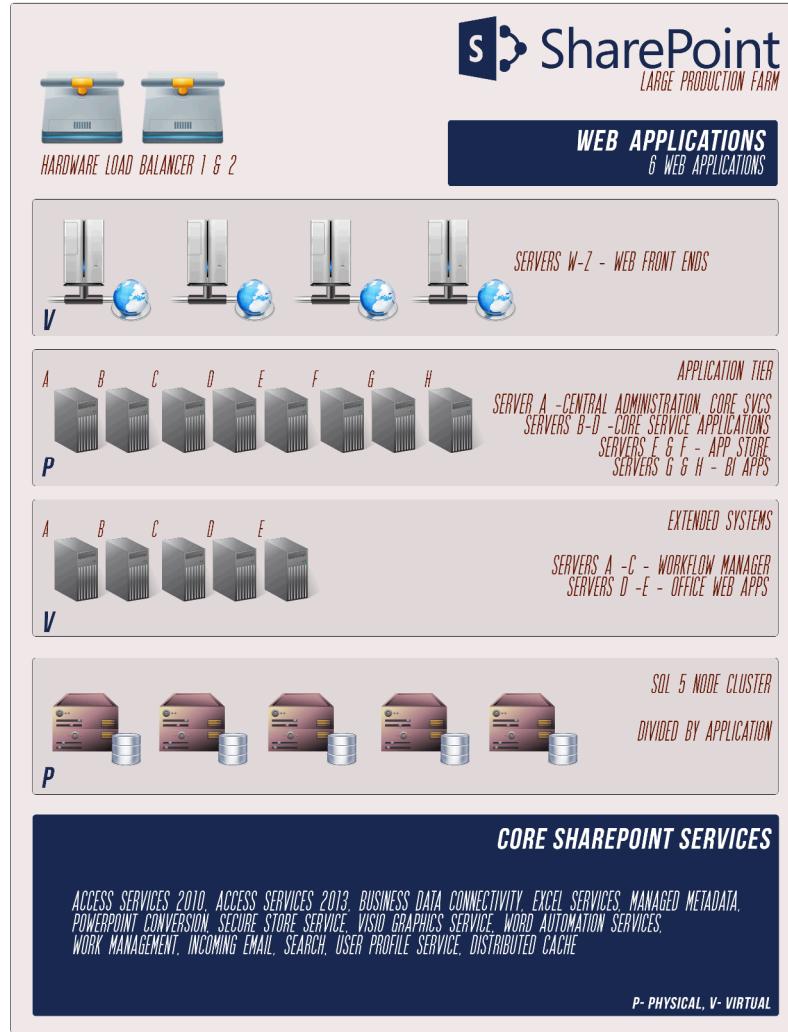
Active Sync – Skype Access - MDM

Custom Applications

Web Applications, Services and Scripts

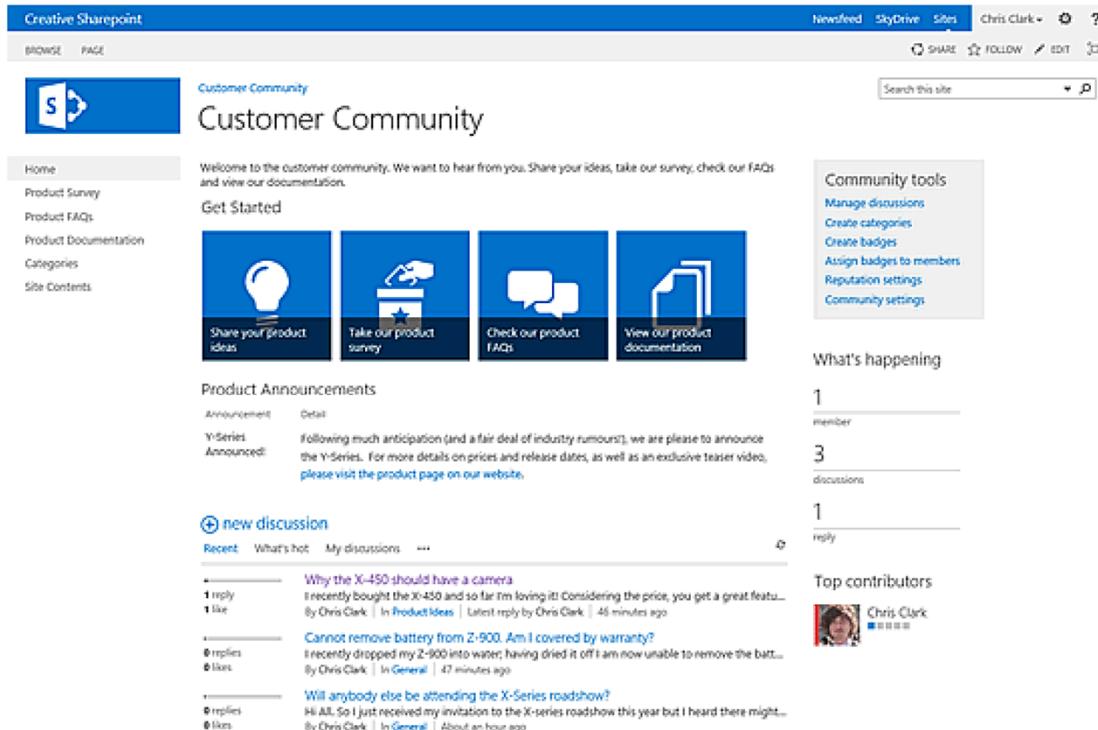
- Enterprise Collaboration Services
 - Managed by Scott Rogers, Lead by Scott Stephens
 - 14 ECS team members - *Design, implement and maintain agile, secure, scalable and Highly Available Enterprise Class Information Systems*
- Bryan Lopez
 - SharePoint Lead Architect for Enterprise Collaboration Services

High level architectural designs of Sandia's SharePoint Implementation



- 6 Farms Total
- Over 10 TB of Data
 - Over 6k Top level Sites
 - Over 60k Sites
- RBS for Large Sites
- Services are resilient
 - Automatic fail over if one server goes completely down
 - SharePoint services can be individually restarted with no impact
 - SQL Instances are divided by web application or service
- All frontend servers have a hardware load balancer sitting in front of them

Community Sites – Collaboration Made Easy



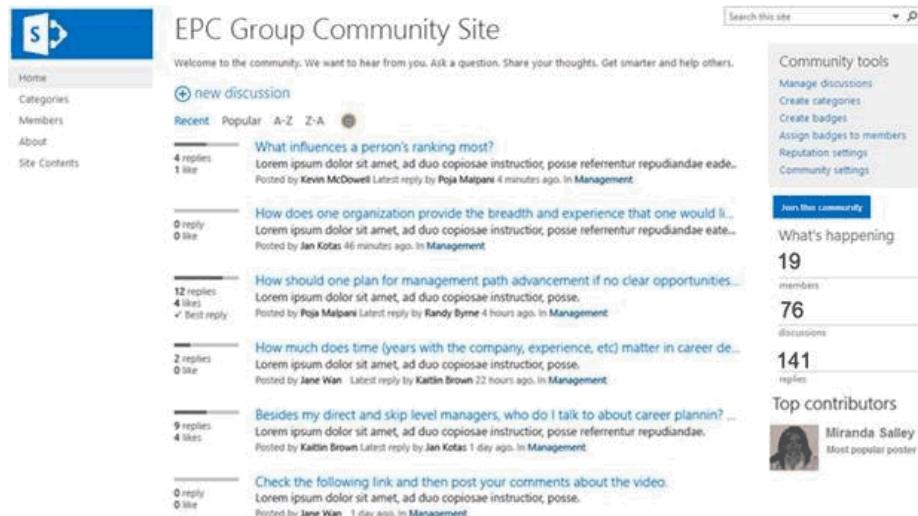
The screenshot shows a SharePoint Customer Community site. The top navigation bar includes 'Newsfeed', 'SkyDrive', 'Sites', 'Chris Clark', and 'Edit'. The main content area features a 'Customer Community' title, a 'Get Started' section with four buttons: 'Share your product ideas', 'Take our product survey', 'Check our product FAQs', and 'View our product documentation'. Below this is a 'Product Announcements' section with a single item: 'Y-Series Announced' - 'Following much anticipation (and a fair deal of industry rumours), we are pleased to announce the Y-Series. For more details on prices and release dates, as well as an exclusive teaser video, please visit the product page on our website.' The 'Community tools' sidebar lists: 'Manage discussions', 'Create categories', 'Create badges', 'Assign badges to members', 'Reputation settings', and 'Community settings'. The 'What's happening' section shows 1 member, 3 discussions, and 1 reply. The 'Top contributors' section shows a profile for 'Chris Clark' with 5 contributions. The 'Recent' discussions list includes: 'Why the X-450 should have a camera' (1 reply, 1 like), 'Cannot remove battery from Z-900. Am I covered by warranty?' (0 replies, 0 likes), and 'Will anybody else be attending the X-Series roadshow?' (0 replies, 0 likes).

- Forum Like Discussions
- Browse Relevant Threads by Category
- Gamification – Earn badges
- Social Integration
 - Hashtags
 - Likes
 - Mentions
 - Replies
- Searchable
- Best Answers

Community Sites – Collaboration Made Easy

Sandia Use Cases

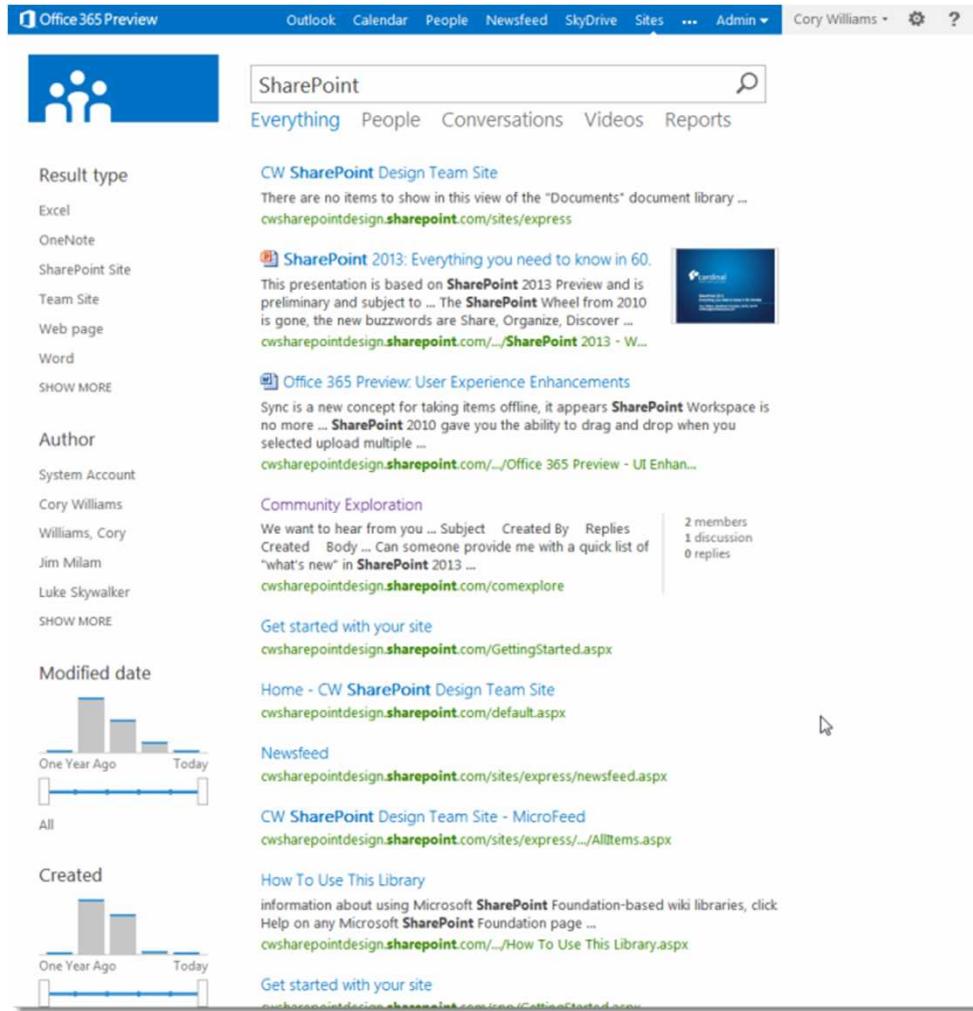
- Technical Forums
- Project Collaboration
- Event Collaboration
- Product Dialogue
- Hobby Collaboration



The screenshot shows a community site interface with the following elements:

- Header:** EPC Group Community Site, Search this site.
- Left Sidebar:** Home, Categories, Members, About, Site Contents.
- Recent Posts:**
 - What influences a person's ranking most? (4 replies, 1 like)
 - How does one organization provide the breadth and experience that one would li... (0 reply, 0 like)
 - How should one plan for management path advancement if no clear opportunities... (12 replies, 4 likes, ✓ Best reply)
 - How much does time (years with the company, experience, etc) matter in career de... (2 replies, 0 like)
 - Besides my direct and skip level managers, who do I talk to about career plannin... (9 replies, 4 likes)
 - Check the following link and then post your comments about the video. (0 reply, 0 like)
- Community Tools:** Manage discussions, Create categories, Create badge!, Assign badges to members, Reputation settings, Community settings.
- Community Metrics:** 19 members, 76 discussions, 141 replies.
- Top Contributors:** Miranda Salley (Most popular poster).

Enterprise Search – Securely Finding What You Need



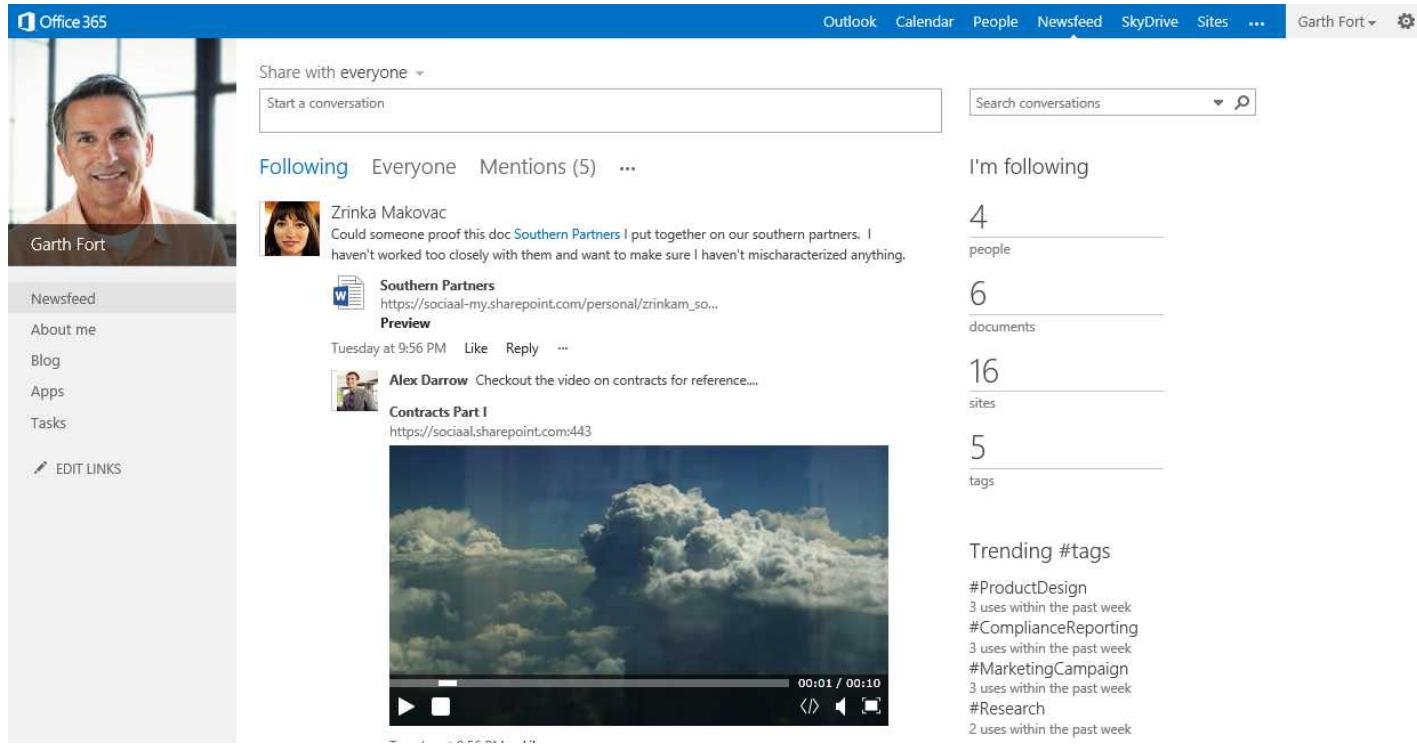
The screenshot shows the SharePoint search interface with the search term 'SharePoint' entered. The results list includes:

- CW SharePoint Design Team Site**
There are no items to show in this view of the "Documents" document library ...
cwsharepointdesign.sharepoint.com/sites/express
- SharePoint 2013: Everything you need to know in 60.**
This presentation is based on [SharePoint 2013 Preview](#) and is preliminary and subject to ... The [SharePoint](#) Wheel from 2010 is gone, the new buzzwords are Share, Organize, Discover ...
[cwsharepointdesign.sharepoint.com/.../SharePoint 13 - W...](http://cwsharepointdesign.sharepoint.com/.../SharePoint%2013%20-%20W...)
- Office 365 Preview: User Experience Enhancements**
Sync is a new concept for taking items offline, it appears [SharePoint](#) Workspace is no more ... [SharePoint](#) 2010 gave you the ability to drag and drop when you selected upload multiple ...
[cwsharepointdesign.sharepoint.com/.../Office 365 Preview - UI Enhanc...](http://cwsharepointdesign.sharepoint.com/.../Office%20365%20Preview%20-%20UI%20Enhanc...)
- Community Exploration**
We want to hear from you ... Subject Created By Replies
Created Body ... Can someone provide me with a quick list of "what's new" in [SharePoint](#) 2013 ...
cwsharepointdesign.sharepoint.com/comexplore
- Get started with your site**
cwsharepointdesign.sharepoint.com/GettingStarted.aspx
- Home - CW SharePoint Design Team Site**
cwsharepointdesign.sharepoint.com/default.aspx
- Newsfeed**
cwsharepointdesign.sharepoint.com/sites/express/newsfeed.aspx
- CW SharePoint Design Team Site - MicroFeed**
cwsharepointdesign.sharepoint.com/sites/express/.../AllItems.aspx
- How To Use This Library**
information about using Microsoft [SharePoint](#) Foundation-based wiki libraries, click Help on any Microsoft [SharePoint](#) Foundation page ...
[cwsharepointdesign.sharepoint.com/.../How To Use This Library.aspx](http://cwsharepointdesign.sharepoint.com/.../How%20To%20Use%20This%20Library.aspx)
- Get started with your site**
cwsharepointdesign.sharepoint.com/sites/express/GettingStarted.aspx

- Conversation Search
- Refiners
- OWA
- Site Previews (Per Web App)
- Customizable Interface
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MySites – Social for the Enterprise

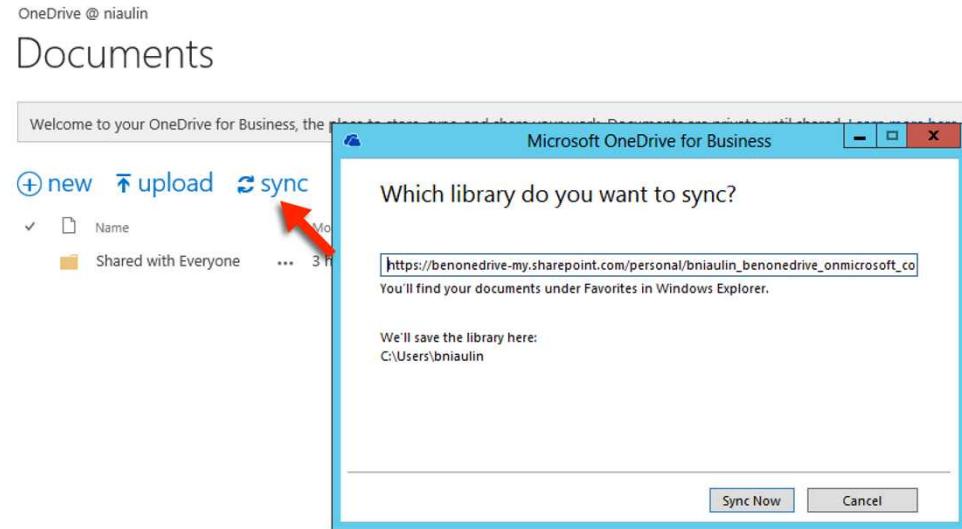
- Newsfeeds – Social (FaceBook like) Timelines
- Blog
- App Store
- Tasks
- Quick Links
- Hashtags
- Social
- Mentoring
- Skills
- Rich Data



The screenshot shows a Microsoft Office 365 MySites interface. The top navigation bar includes 'Office 365', 'Outlook', 'Calendar', 'People', 'Newsfeed', 'SkyDrive', 'Sites', and a 'Garth Fort' dropdown. The main content area features a profile picture of 'Garth Fort' and a 'Newsfeed' sidebar with links to 'About me', 'Blog', 'Apps', and 'Tasks', and a 'EDIT LINKS' button. The main timeline shows a post from 'Zrinka Makovac' with a link to 'Southern Partners' and a preview image. Another post from 'Alex Darrow' with a link to 'Contracts Part I' and a preview image of clouds. On the right, there are statistics for 'I'm following': 4 people, 6 documents, 16 sites, and 5 tags. Below that is a 'Trending #tags' section with links to '#ProductDesign', '#ComplianceReporting', '#MarketingCampaign', '#Research', and '#Research'.

OneDrive for Business

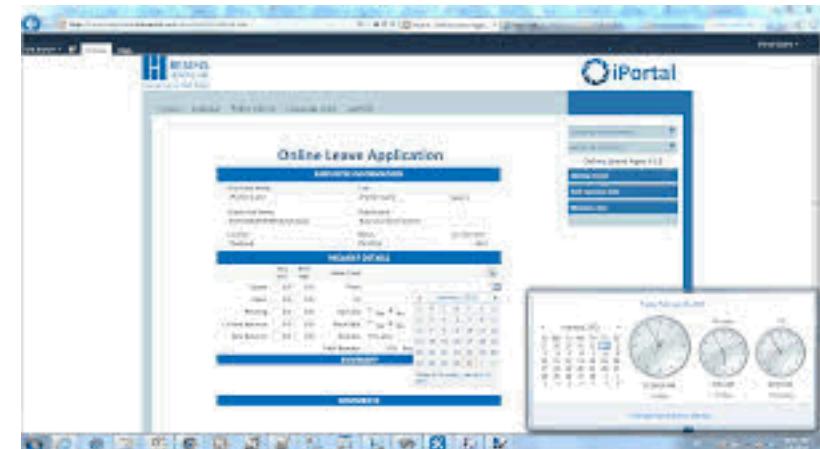
- **Three Flavors of OneDrive**
 - **On Prem, o365 and Personal**
- **On Prem Features**
 - **Multiple Clients**
 - **Web (Drag and Drop)**
 - **Windows Client / SYNC**
 - **iOS Client / SYNC & Cache**
 - **Mac OSX – Coming Soon**
 - **SharePoint Features**
 - **Versions, Metadata, View Options Recycle Bin, Backups**
 - **Search**
 - **Collaboration**
 - **Workflow**
 - **OWA**
 - **Reverse Proxy Access**
 - **Secure**



Forms / Workflows

■ Forms

- **Multiple Data Sources**
- **Conditions and Steps**
- **Drive Proper Behavior and Responses**
- **Example Sandia Password Pickup**
 - **Multiple Lists**
 - » **Events lists Managed by PWA**
 - » **Calendar**
 - » **Registration**
 - » **CAS (DB Lookup)**



■ Workflows

- **Actions – Emails, Looping, Update Items, Impersonate, Start Secondary WF**
- **Conditions and Steps**
- **Approval**

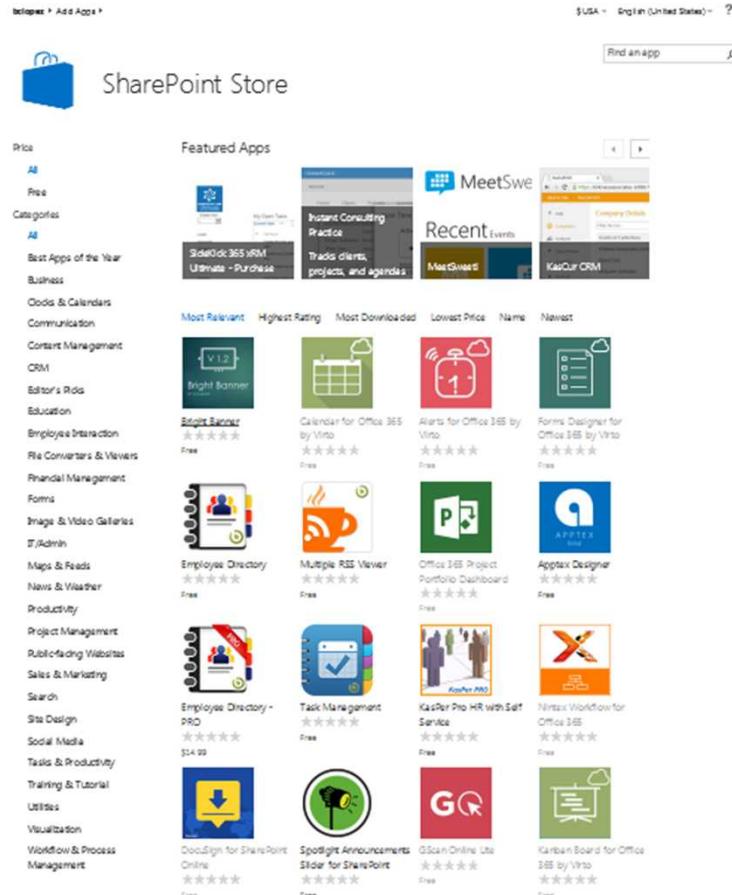
Branding

- **Self Service Templates**
 - Easy to Deploy
 - Hands off for Developers
 - Doesn't look like "SharePoint"
- **Custom Branding**
 - Done by Local Groups
 - Dedicated SharePoint Developers
 - Unique Designs
 - HTML5 & jQuery



App Store

- **No Code Required**
 - Forms
 - Tickers
 - Branding
 - Sliders
 - Widgets
- **Easy License Management**
- **Low Cost**
- **Quick Turn Around**
- **Localized To Site**
- **No Farm Solutions Installed**



QUESTIONS?

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