AvePoint Compliance Guardian

Technical Overview

# AvePoint Perimeter

## for Microsoft SharePoint

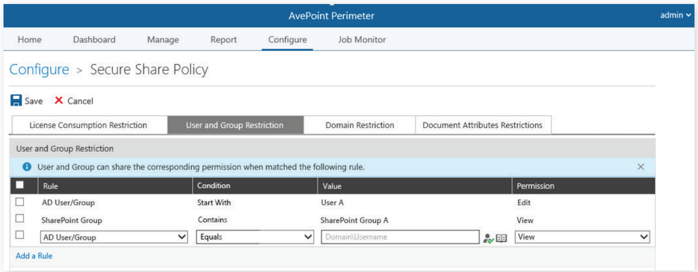
## On Point. Out-of-the Box

Make your Microsoft® SharePoint® environment like Dropbox, Google Drive, and Microsoft 365 by enabling two-way collaboration and external sharing without exiting SharePoint.

## External Sharing Features

### Controlled Sharing Options

- Share content directly from SharePoint and Microsoft 365 with internal and external users, whether the recipient is an individual or an AD group, by using an embedded 'secure share' button.
- Users can upload files directly to Perimeter's "My Drive" to share with external parties. Perfect for those seeking a secure, on-premises alternative to cloud-based file sharing solutions.
- Share recipients can view, edit, delete or download shared content based on prescribed permission rights.
- Allow remote or external collaborators to edit or comment on shared content within Microsoft 365 on mobile devices and desktop browsers, all without exposing on-premises and online SharePoint to the internet.
- Create and manage user- and group-based rules to restrict external sharing options for internal users, as well as define what permissions a user or group can grant when externally collaborating.
- Create rules that enable or disable external sharing based on document metadata such as file name, file type, and tags for all Perimeter-enabled libraries.
- Prevent external users from copying, editing, or sharing content through the AvePoint Perimeter secure document viewer with controlled sharing options.
- Users can set an expiration date for content they share.
- Secure document viewer, accessible from a mobile application or browser, is fully audited and can enforce access limitation based on user location.



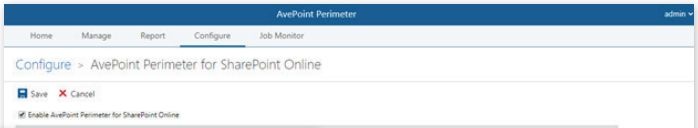
Configure > Secure Share Policy

User and Group Restriction

User and Group can share the corresponding permission when matched the following rule.

| | Rule | Condition | Value | Permission |
|---|---|---|---|---|
| □ | AD User/Group | Start With | User A | Edit |
| □ | SharePoint Group | Contains | SharePoint Group A | View |
| □ | AD User/Group | Equals | Domain\Username | View |

User/Group-based external sharing control for internal users



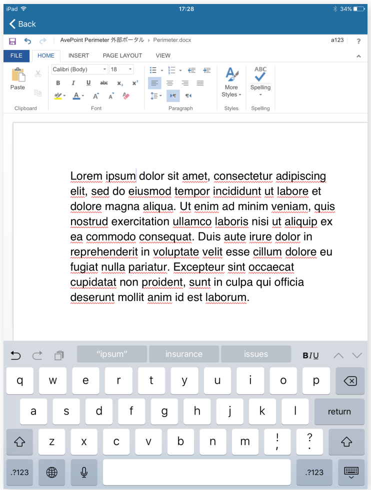
Configure > AvePoint Perimeter for SharePoint Online

☑ Enable AvePoint Perimeter for SharePoint Online

Successfully created the app.

M365x582112.onmicrosoft.com

Secure External Share Settings for SharePoint Online



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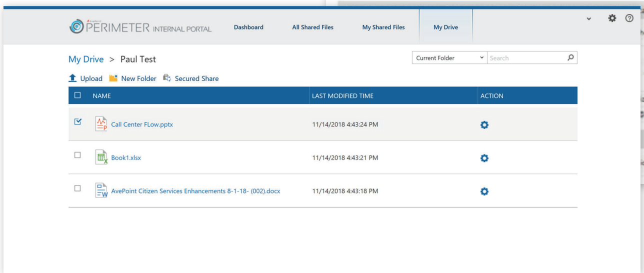
Mobile editing of shared content



My Drive > Paul Test

| | NAME | LAST MODIFIED TIME | ACTION |
|---|---|---|---|
| ☑ | Call Center FLow.pptx | 11/14/2018 4:43:24 PM | ⚙ |
| □ | Book1.xlsx | 11/14/2018 4:43:21 PM | ⚙ |
| □ | AvePoint Citizen Services Enhancements 8-1-18- (002).docx | 11/14/2018 4:43:18 PM | ⚙ |

My Drive for Internal Users

- Domain restriction allows administrators to whitelist specific domains such as partners or vendors, and blacklist unauthorized domains to prevent data leakage.
- Multiple options for sharing files including anonymous access, one-time passcode or requiring registration and sign-in.

### Secure Container for Shared Document Access Portal

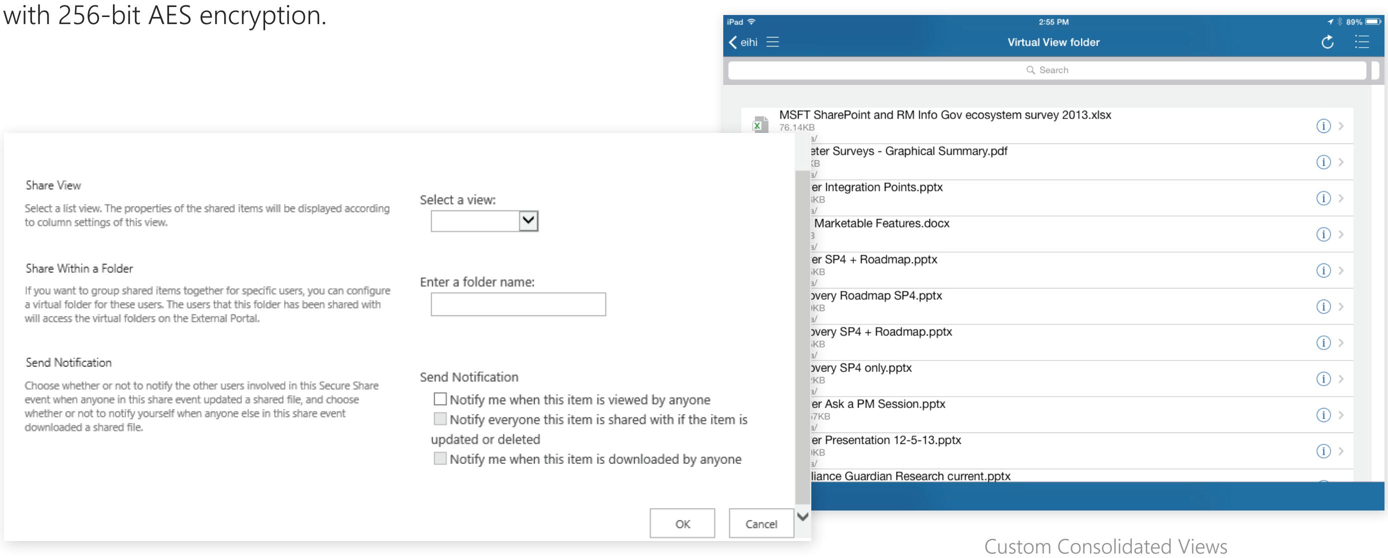
- Provide external users a secure, permission-based point of access to view, download, and edit documents shared with them.
- Protect downloaded or cached documents on iOS devices with 256-bit AES encryption.

### Custom Consolidated Views

- Present unorganized SharePoint content in a single, consolidated view that is specific to end-user needs.
- Utilize SharePoint metadata values–created and assigned–to display designated content only to external users.
- Enable internal users to  group disparate files into a virtual folder for specific external users.

### SharePoint Metadata Share

- Choose which SharePoint metadata is displayed as part of the share.



Share View

Select a list view. The properties of the shared items will be displayed according to column settings of this view.

Select a view:

Share Within a Folder

If you want to group shared items together for specific users, you can configure a virtual folder for these users. The users that this folder has been shared with will access the virtual folders on the External Portal.

Enter a folder name:

Send Notification

Choose whether or not to notify the other users involved in this Secure Share event when anyone in this share event updated a shared file, and choose whether or not to notify yourself when anyone else in this share event downloaded a shared file.

Send Notification

☐ Notify me when this item is viewed by anyone
☐ Notify everyone this item is shared with if the item is updated or deleted
☐ Notify me when this item is downloaded by anyone

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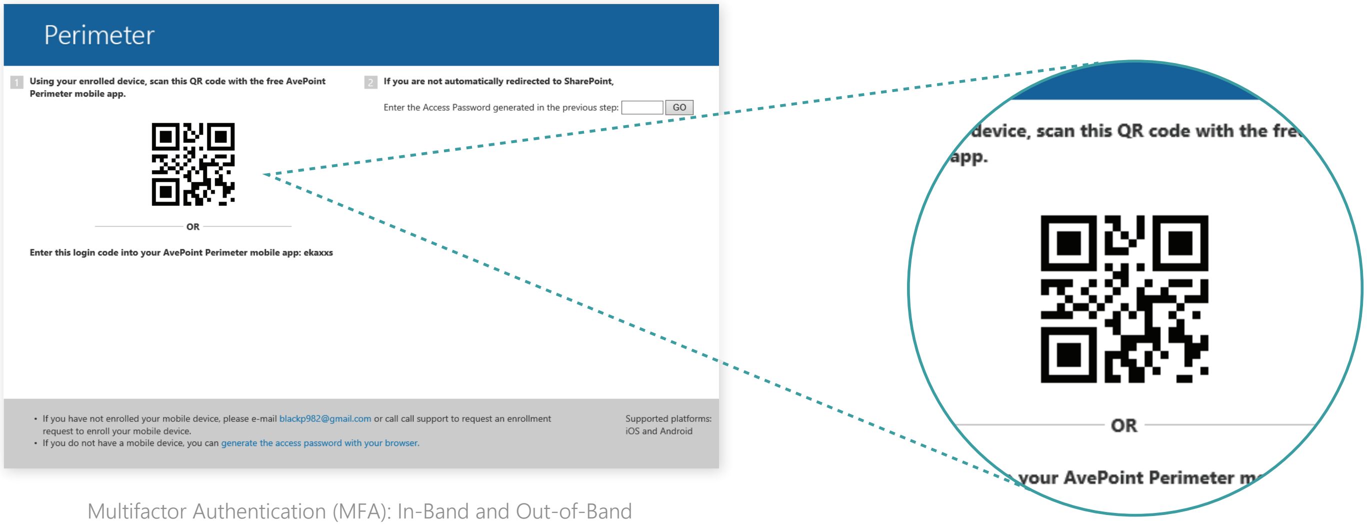
Custom Consolidated Views

## SharePoint Access Management Controls

### Multifactor Authentication (MFA): In-Band and Out-of-Band

- Force or block remote, in-band SharePoint access by the end user's browser, device, and operating system type.
- Add an additional in-band authentication factor by restricting access to remote SharePoint content through the AvePoint Perimeter application.
- Authenticate out-of-band users with a single use, limited time access passcode, or by scanning a QR code with the AvePoint Perimeter application.
- Enhance security by configuring two-factor authentication for external users.



Perimeter

1 Using your enrolled device, scan this QR code with the free AvePoint Perimeter mobile app.

OR

Enter this login code into your AvePoint Perimeter mobile app: ekaxxs

2 If you are not automatically redirected to SharePoint,

Enter the Access Password generated in the previous step:

- If you have not enrolled your mobile device, please e-mail blackp982@gmail.com or call call support to request an enrollment request to enroll your mobile device.
- If you do not have a mobile device, you can generate the access password with your browser.

Supported platforms: iOS and Android

device, scan this QR code with the fre
app.
OR
your AvePoint Perimeter m

Multifactor Authentication (MFA): In-Band and Out-of-Band

### Location-Based Access Controls

- Centralize control for AvePoint Perimeter administrators in order to define where and how sensitive documents are viewed or accessed.
- Control access based on a user's geographic location, allowing corporate content to be viewed in predefined locations.
- Group multiple locations based on political boundaries or a fixed radius around specific points in order to apply rules and policies governing user access.

### Active Directory Federation Services (ADFS) & Forms-Based Authentication

- Add additional access controls and enhance security to any ADFS-capable application–including Microsoft® Office 365™, Microsoft® Dynamics CRM Online, Microsoft® Dynamics ERP Online, Microsoft® Project Server Online as well as the Windows Azure management console–by deploying AvePoint Perimeter as part of an ADFS installation.

### Web Services Access Controls

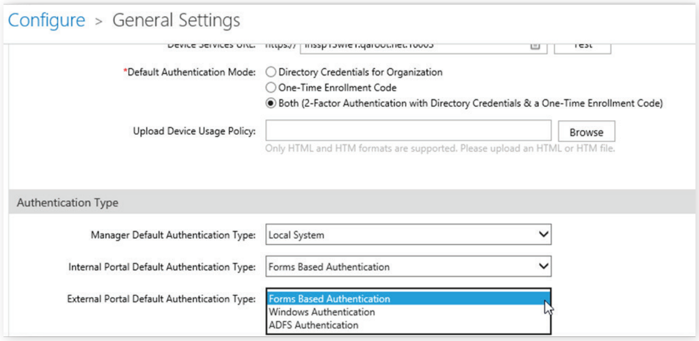
- Manage and control mobile content on a service-by-service basis by blocking or allowing web services access to Microsoft® SharePoint® based on user agent.

### Cached Document Storage on Mobile Devices

- Remotely access file storage from mobile devices to view documents, online and offline.

### Password Policy Management for External Users

- Manage external user accounts and define password requirements for external users accessing the external portal within AvePoint Perimeter Manager.



Configure > General Settings

Device Services URL: https:// [illegible] Test

*Default Authentication Mode: ○ Directory Credentials for Organization
○ One-Time Enrollment Code
● Both (2-Factor Authentication with Directory Credentials & a One-Time Enrollment Code)

Upload Device Usage Policy: Browse
Only HTML and HTM formats are supported. Please upload an HTML or HTM file.

Authentication Type

Manager Default Authentication Type: Local System

Internal Portal Default Authentication Type: Forms Based Authentication

External Portal Default Authentication Type: Forms Based Authentication
Windows Authentication
ADFS Authentication

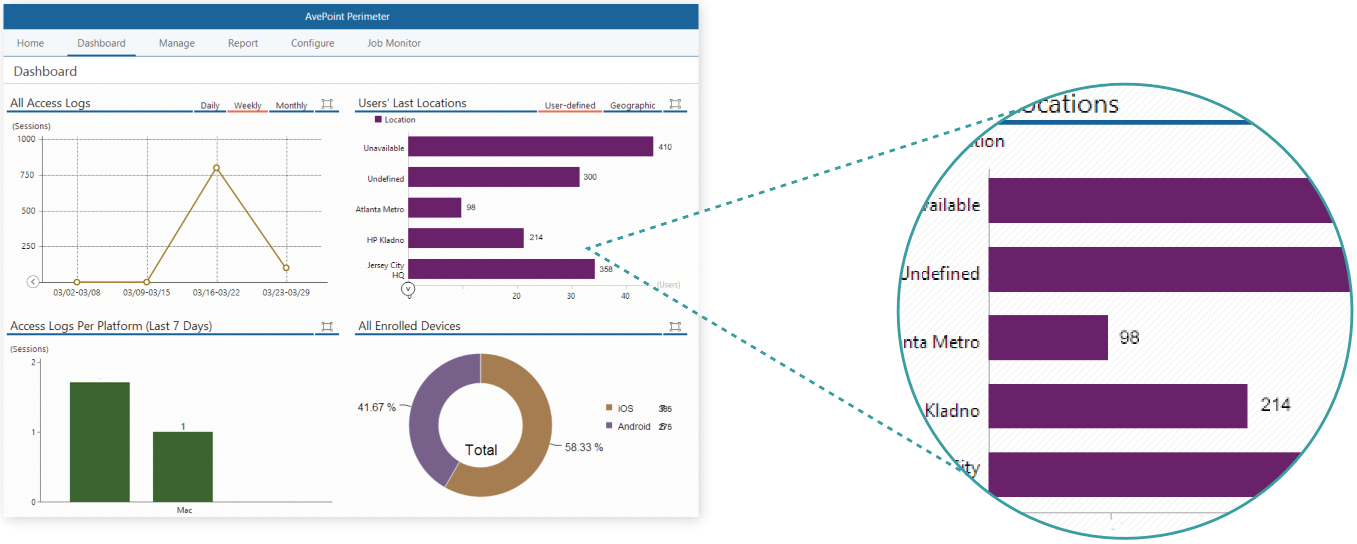
## Administrative Features

### Detailed Dashboards and Reporting Over Content Access

- Track, monitor, report, and audit all remote SharePoint content access, user activity, enrolled devices, and geographic locations.

### Burglar Alarm

- Monitor, record, and proactively react to users engaging in suspicious activities with configurable Burglar Alarm tracking and alerts focused on core Perimeter activities, including authentication, file sharing, unauthorized location log-ins, and content downloads.



Detailed Dashboards and Reporting Over Content Access

### Share Expiration Policy Management

- Enforce mandatory expiration and the maximum duration of a share.

### Daily User Audit Tracking

- Access an exportable, unified view of the activity across devices of a single user within both Perimeter portals and your greater SharePoint environment, reporting on all behaviors during a specified duration.

### Permissions Management

- Manage configurations, permissions, and access settings for users, devices, and locations in one central administrator portal with AvePoint Perimeter's user-friendly wizard.

### Enterprise Wipe Capabilities

- Remotely wipe all stored or cached documents and data – as well as all user activity performed within the application – in the event of a breach, loss of device, or employee turnover.

### Bulk Enrollment of Users and Devices

- Enroll multiple users and devices simultaneously by uploading a formatted CSV file.

## Supported Technologies

### Platforms & Applications

- Supports on-premises and online platforms including
  - Microsoft SharePoint 2019
  - Microsoft SharePoint 2016
  - Microsoft SharePoint 2013
  - Microsoft SharePoint 2010
  - Microsoft Project 2013
  - Microsoft Project 2010
  - Microsoft SharePoint Online
  - OneDrive for Business
- Supports all Active Directory Federation Services (ADFS) enabled applications including:
  - Microsoft 365
  - Microsoft Dynamics CRM Online
  - Microsoft Dynamics ERP Online
  - Microsoft Project Server Online
  - Windows Azure management console.
- Remotely access SharePoint® through the following supported browsers: Internet Explorer® , Edge, Chrome™ , Firefox®, and Safari.
- Remotely access SharePoint® through the following supported mobile devices: iPad, iPhone, and iPod Touch (iOS 5 and newer versions) .
- Remote access to shared documents through mobile devices on Android™ platform  (Gingerbread 2.3 and newer versions).
- Two-factor authentication supported on Windows Phone, iOS, and Android devices. .

## How to Buy AvePoint Products

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Start your free trial today:
www.avepointonlineservices.com

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