# Enterprise Security and Policy Manager

**CionSystems Enterprise Security and Policy Manager**

Leverages Claims based on the trusted user attributes and file metadata to ensure right people have right access to right information. The solution enables organizations to:

- Safely store and manage data that may be distributed across many file servers and locations
- Automate File Share and SharePoint security
- Ensure consistent and strong data governance
- Audit trail

**System Requirements**

CionSystems' Enterprise Security and Policy Manager for SharePoint supports Microsoft SharePoint 2010 and 2013 (Server and Foundation), Windows 2012 file shares.

**CionSystems Products**

- Active Directory Manager Pro
- Active Directory Change Monitor and Reporter
- Active Directory Self -Service
- Self -service and Multifactor Authentication for applications
- Group Policy Manager
- Active Directory Backup and Recovery

**Enterprise Security and Policy Manager** is a must-have for IT organizations seeking to simplify access management. The easy to use interface, powerful and flexible access policies and audit capabilities streamlines managing permission. Leveraging claims based access control, Enterprise Security and Policy Manager allows data owners to control who has what rights and greatly reduces provisioning and de-provisioning overhead. It eliminates bloat in the number of groups and group members, and provides real time, dynamic access control.
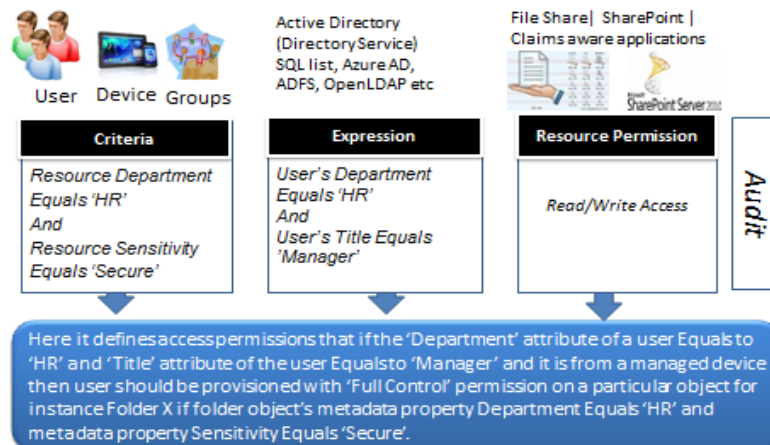
Security groups have traditionally modulated permissions when accessing documents, files and file shares. Users acquire or lose permissions based on the security group membership. This method, though workable, has several short comings. Administrators often must manually add users to the correct security groups. Most enterprises struggle with compliance and data leakage issues caused by group memberships not being updated when access is no longer required. This process is error prone when there are a large number of groups, and the groups are often used to manage access to multiple resources.

**Claims based access allows expression-based access policies based on the classification of files, metadata, user and device attributes, file types and documents.** SharePoint 2010 (and later) and Windows server 2012 file shares, claims based Dynamic Access Control (DAC) eliminates the need to manually define access rights for individual documents and content types. DAC enables applying a rule - based engine to automate permission management and access control.

CionSystems' Enterprise Security and Policy Manager include the components needed to harness Claims Based Access Control in Windows Server 2012 and Microsoft SharePoint. Enterprise Security and Policy Manager ensure that the right people have the right access to the right information. Using dynamic claims, as opposed to relying on group membership, means that access is adjusted in real time. Enterprise Security and Policy Manager support defining policies via intuitive interfaces. A comprehensive audit trail, tracking permission changes, is also generated. Creating policies replaces provisioning and de-provisioning groups to manage access permissions. Define the policy once, instead of maintaining groups forever.

Policies are based on claims – user attributes or file metadata, such as user department, user role, security clearance, project code, document classification, etc. Custom metadata properties or user attributes can be created, as needed. This approach simplifies the management of even the most complex information access rules. This allows organizations to safely store sensitive content alongside less sensitive material. The process of revoking permissions occurs automatically. When users' attributes change, the user automatically gains new permissions and loses the old permissions.

User attributes and access rules are the central component of expression based policies. For example, attributes, such as Title, Department, Country, Role can be used to create a simple access rule:

# Enterprise Security and Policy Manager

| Key Features | Benefits |
|---|---|

**For more information on any of our products or services please visit us on the Web at: www.CionSystems.com**

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| Key Features | Benefits |
|---|---|
| Claims Based Access | Access control based on trusted user and managed devices attributes (claims) such as email address, security clearance, or department, title, location, manage vs unmanaged devices etc.,. These claims / attributes are from the Active Directory, SQL list, or any other Trusted Identity Provider, including OpenLDAP, Active Directory Federation Services or other federation authentication solutions. |
| Expression Based Access Policies | Powerful, easy and flexible expression-based access policies based on the classification of files, file types, documents, file and document metadata and trusted user attributes.  . |
| Dynamic Access Policies and Control | Goes beyond basic permission management via ACL's and security groups. Makes Dynamic groups simple and on demand and allows for expression based dynamic access groups. Simplifies granting and denying access to individuals Even though the security group may itself have access. |
| De-provisioning Access | Automatic and instantaneous when a user's status changes, such as employee role change, location change, department change, resignations or terminations. |
| Security for All SharePoint and File share Views | Policies are enforced for any method of access of files and SharePoint documents as the policy is based on claims and meta data. |
| Centralized Administration | Provides powerful central administration options for both SharePoint and File shares. |
| Compliance and Governance | Audit trail and easy reports for who, what, when and why |

## Take the next step

Active Directory management is critical to your organization's productivity. Make sure you are in control of your network. CionSystems products can help you achieve maximum productivity and streamline your processes. Contact us today for an in-depth analysis of your Active Directory and security needs, or visit us at www.CionSystems.com for more info.