

# IQProtector Data Interceptor for SharePoint



## Ensuring sensitive data security within SharePoint on-premises and SharePoint online

Microsoft SharePoint has become a critical document-management platform for thousands of enterprises, large and small, necessitating the safeguard of vast volumes of sensitive content. The flexibility and granularity to set access permissions within SharePoint allows controlling information stored inside this file store. However, security officers and data owners look to meet additional, vital security requirements especially when information leaves the closed environment. They also require a hermetic scheme for handling the segregation of duties between information owners and SharePoint administrators.

Secure Islands' breakthrough persistent, active, data-immunization technology delivers the complete solution for data protection within SharePoint on-premises and SharePoint online. IQProtector Data Interceptor for SharePoint focuses on the data itself rather than on controlling users, channels or storage. Embedding persistent classification and protection within the data at the moment of creation or initial access, IQProtector ensures that information is protected wherever it goes.

## Complete data security for all data sources

Secure Islands IQProtector Data Interceptor for SharePoint, enhances SharePoint security, on-premises and online, by immunizing files at the moment of content creation for all of the many ways information is uploaded or checked into SharePoint – synchronized folders on PCs, via the Web portal, through applications for smartphones, tablets etc. IQProtector Data Interceptor for SharePoint resides inline on the SharePoint platform itself where it can automatically inspect every file that is checked in regardless of the file type or source. Whenever new content is checked into SharePoint, IQProtector automatically applies classification, metadata tagging and encryption of sensitive content based on a centrally managed policy. Classification and protection are applied according to content and contextual information such as data owner, file type, destination location or document library, content and more.

## Highlights

IQProtector Data Interceptor for SharePoint embeds information protection and control in any file checked into SharePoint enabling separation of duties, data protection from power users and secure collaboration with external parties within the SharePoint environment and beyond.

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## Separation of duties and secure access

IQProtector Data Interceptor for SharePoint leverages SharePoint's Access Control List (ACL) to protect information and allow file access only to those users who are authorized to view the SharePoint folder/site. This is an improvement over SharePoint's native ACL since it ensures that SharePoint administrators are restricted from accessing protected data even after a file is checked out and throughout its entire lifecycle.

## Security within and beyond the enterprise

Enterprises are wary of exposing confidential data to third parties beyond their control. With SharePoint alone, permitted users can check out a file, collaborate, modify, and then check the file back in for storage and archiving. However, once the file leaves the secure SharePoint environment, there is no control over who accesses or modifies it. Data can easily be mishandled, even by trusted users, or leaked by malicious ones.

To leverage SharePoint as a platform for collaboration with external parties, users must protect files so that they don't get lost or mishandled. With IQProtector, when the creator of a file uploads it to SharePoint, the solution automatically classifies and sets protection levels to users who have permission to check out the file. If a permitted user checks out a file and sends it to an unauthorized recipient, within or beyond the enterprise, the encrypted information in the file remains inaccessible.

Beyond the perimeter, there may be permitted parties who do not have an IQProtector client installed and thus cannot access non-MS Office files that are encrypted. IQProtector solves this problem by simply converting such files to a "PFILE format" automatically allowing authenticated users to access the data from any device.

## Security driven by classification enhances business productivity

IQProtector Data Interceptor for SharePoint fits seamlessly into the enterprise and speeds up work processes with a full range of information-classification options. 100% accurate classification and protection are applied at the moment of creation based on document content and context such as user, file type, data source and destination – including SharePoint document libraries and SharePoint columns – all automatically, without hindering user productivity or platform functionality.

Interoperability with SharePoint provides end users with a simple view of any file's classification through a SharePoint "classification" column in their site or folder.

## Key Features

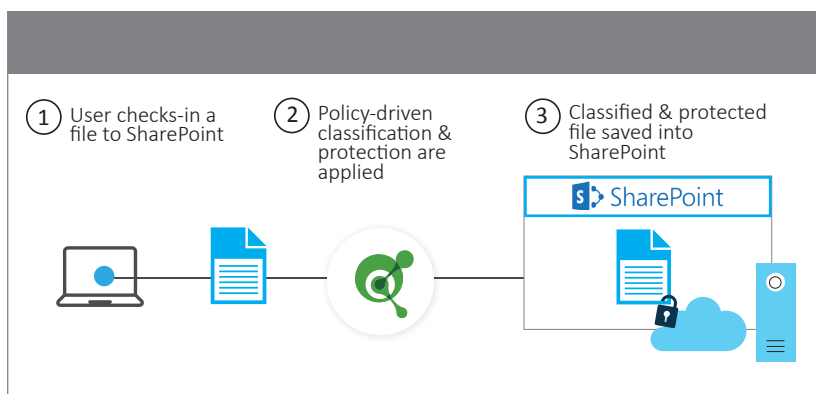
- Interception of all data uploaded to SharePoint, agnostic to the user or device using the files
- 100% accurate classification based on automatic classification, system recommendation or manual user classification
- Classification based on information content and context: user, SharePoint site and folder, SharePoint columns and more
- Persistent protection of sensitive content in all file types inside the SharePoint environment based on ACL and RMS templates from the moment of file check-in and throughout the entire data lifecycle
- Interoperability with SharePoint to display file-classification attributes and to classify and protect information based on SharePoint columns
- File encryption and rights-management enforcement based on Microsoft RMS
- Persistent protection and enforcement of usage rights for files in native applications
- Central, Web-based management for policy distribution
- Real-time event logs and analytics reveal where information is created and who is accessing it
- Usable with other IQProtector products

# IQProtector Data Interceptor for SharePoint

## Central management, comprehensive reporting and analytics

IQProtector Data Interceptor for SharePoint can be deployed on any supported SharePoint platform, on premises or in the cloud. SharePoint's policy is managed centrally via the IQProtector Management Console. Unified management ensures that a single classification and protection policy is enforced throughout the enterprise. Real-time event logs created by IQProtector Data Interceptor for SharePoint are sent to the Management Console and provide security experts with real-time clarity and visibility over all sensitive information across and beyond the enterprise. The Management Console additionally provides predefined and customizable reports on data creation, storage, usage and sharing trends.

For on-prem installations, IQProtector Data Interceptor for SharePoint works seamlessly with the IQProtector Bridge enabling the SharePoint indexer to automatically index even protected (encrypted) files.



## Benefits

- Classification and protection for all content uploaded to SharePoint on-premises and SharePoint online environments
- Enforced separation of duties, protecting data from power users, SharePoint administrators, and from users who are not authorized to access SharePoint sites
- Secure collaboration with business partners, leveraging the SharePoint infrastructure rather than dedicated virtual rooms and other secure collaboration solutions
- Easy assimilation and implementation into organizational business processes
- Accurate mapping of all information assets and pinpointing of risk – where information is created, used, stored and with whom it is shared
- Establishment, management and control of information-protection policy via a central management console
- Comprehensive auditing and forensics capabilities to detect anomalies and analyze threats

## ABOUT SECURE ISLANDS

Secure Islands develops and markets advanced Information Protection and Control (IPC) solutions for the borderless enterprise. Our policy-driven technology immunizes data at the point of creation, applying classification and protection that persist throughout the entire data lifecycle.