

# **FISMA Compliance**

with M365 Manager Plus



#### About FISMA

The Federal Information Security Management Act (FISMA) is a United States federal law passed in 2002 that made it a requirement for federal agencies to develop, document, and implement an information security and protection program. FISMA is part of the larger E-Government Act of 2002 introduced to improve the management of electronic government services and processes.

FISMA is one of the most important regulations for federal data security standards and guidelines. It was introduced to reduce the security risk to federal information and data while managing federal spending on information security. To achieve these aims, FISMA established a set of guidelines and security standards that federal agencies have to meet. The scope of FISMA has since increased to include state agencies administering federal programs like Medicare. FISMA requirements also apply to any private businesses that are involved in a contractual relationship with the government.

Please note that the efforts and procedures required to establish compliance in each section may vary in different organizations depending on their systems configuration, internal procedures, nature of business, and other factors.

Usage of the below mentioned reports may not guarantee complete organizational compliance. This document can be used as a reference guide for complying with FISMA industrial mandate.

#### FISMA compliance with M365 Manager Plus

To comply with industrial mandates various control methods have to implemented. For management simplicity we have mapped the compliance requirements with the required control methods. You can find the reports required to complete the control methods subsequently. Though mentioned separately, all the control methods are interlinked and often required by most of the regulations.

**Account Management** 

**User Management** 

**Integrity Monitoring** 

**Access Control** 

**Data Governance** 

**Configuration Management** 

**Audit Trail** 

Requirement	Control Method	
Access Control		
AC-1 Access Control Policy and Procedures	Access Control	
AC-2 Account Management	Account Management	
AC-3 Access Enforcement	Access Control	
AC-5 Separation of Duties	Access Control  Account Management	

	Access Control
AC-6 Least Privilege	Account Management
	Ziecean Management
AC-7 Unsuccessful Logon Attempts	Access Control
AC-8 System Use Notification	Integrity Monitoring
AC-9 Previous Logon (Access) Notification	Access Control
AC-11 Session Lock And	
AC-12 Session Termination	Access Control
AC-14 Permitted Actions without Identification or Authentication	Access Control
AC-17 Remote Access	Access Control
AC-21 Information Sharing	Access Control
AC-22 Publicly Accessible Content	Data Governance
AC-23 Data Mining Protection	Access Control
Audit and Accountability	
AU-1 Audit and Accountability Policy and Procedures	Audit Trail
AU-2 Audit Events	Audit Trail
AU-3 Content of Audit Records	Audit Trail
AU-4 Audit Storage Capacity	Audit Trail
AU-5 Response to Audit Processing Failures	Audit Trail
Al-6 Audit Review, Analysis, and Reporting	Audit Trail
AU-7 Audit Reduction and Report Generation	Audit Trail
AU-8 Time Stamps	Audit Trail
AU-9 Protection of Audit Information	Audit Trail

Audit Trail
Audit Trail
Audit Trail
Integrity Monitoring
Access Control
Audit Trail
Configuration Management
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Integrity Monitoring
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Integrity Monitoring
Access Control
Configuration Management
Integrity Monitoring
User Management
Access Control
Configuration Management
Configuration Management
Configuration Management
Audit Trail

CM-9 Configuration Management Plan	Configuration Management
CM-10 Software Usage Restrictions	Configuration Management
CM-11 User-Installed Softwa	Configuration Management
Contingency Planning	
CP-4 Contingency Plan Testing	Audit Trail Integrity Monitoring
CP-6 Alternate Storage Site	Audit Trail
CP-7 Alternate Processing Site	
CP-10 Information System Recovery and Reconstitution	Configuration Management
CP-12 Safe Mod	Audit Trail
Identification And Authentication	
	Access Control
IA-2 Identification and Authentication (Organizational Users)	Account Management
	<u>User Management</u>
IA-4 Identifier Management	
IA-5 Authenticator Management	Access Control
IA-6 Authenticator Feedback	Account Management
IA-8 Identification And Authentication (Nonorganizational Users)	Credentials Management
IR-4 Incident Handling	Audit Trail
IR-5 Incident Monitoring	Integrity Monitoring
IR-6 Incident Reporting	Audit Trail
IR-9 Information Spillage Respon	Data Governance
Maintenance	

	,	
	Audit Trail	
MA-2 Controlled Maintenance	<u>User Management</u>	
	Configuration Management	
	Access Control	
MA-4 Non local Maintenance	Configuration Management	
	Somigaration Managoment	
Media Protection		
MP-2 Media Access and	Data Governance	
MP-7 Media	<u>Data Governance</u>	
Personnel Security		
PS-4 Personnel Termination	Account Management	
PS-5 Personnel Transfer	Account Management	
PS-8 Personnel Sancti	Audit Trail	
Risk Assessment		
RA-3 Risk Assessment and		
RA-5 Vulnerability Scann	Integrity Monitoring	
System And Services Acquisition		
SA-9 External Information System Services and	Integrity Monitoring	
SA-10 Developer Configuration Management and	Access Control	
SA-10 Developer Configuration Management and SA-11 Developer Security Testing And Evaluati	Configuration Management	
	Audit Trail	
System And Communications Protection		
SC-2 Application Partitioning and	Access Control	
SC-3 Security Function Isolation	Configuration Management	

	<u>User Management</u>
SC-4 Information in Shared Resources	Data Governance
SC-5 Denial of Service Protection	Integrity Monitoring
	Access Control
SC-6 Resource Availability	Access Control
·	Audit Trail
System And Information Integrity	
	Integrity Monitoring
SI-4 Information System Monitoring	Access Control
	<u>User Management</u>
SI-5 Security Alerts, Advisories, and Directives	Audit Trail
SI-6 Security Function Verification	Audit Trail
	Configuration Management
SI-7 Software, Firmware, and Information Integrity	Integrity Monitoring
SI-12 Information Handling and Retention	Data Governance

## **Control methods and M365 Manager Plus reports**

The following section will map the control methods and M365 Manager Plus reports that help to implement them.

#### **Access Control**

Microsoft 365 Service	M365 Manager Plus Reports
Exchange Online	Exchange Admin Activity
	Exchange User Activity
	Non-Owner Mailbox Access
	Recently Added Members to Groups

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	Recently Removed members from groups
	Group Members
	Distribution List Members
	Active Directory
	Reset User Password
	Disabled Exchange Users
	Send-As Permission
	Send-on-Behalf Permission
	Mailbox Permissions Changes
	Permissions Changes
	Unified Messaging Mailbox Policy
	User Rights Assignment Policy Changes
	DLP Policy Matches
	OWA Logon by Users
	OWA Logon by OS
	OWA Logon by Browsers
	Public Folder Activity
Active Directory	Recently Enabled Accounts
	User Account Status Changes
	User Logon Activity
	Temporary User Accounts
	Never Expiring Passwords
	All Users
	Password Expired Users
	Azure Locked Users
	Group Modification Report
	Group Settings Modification Report
	Azure Admin Activity,
	Azure Admin Activity, Recently modified users
	Azure Admin Activity, Recently modified users Multi Factor Authentication Status
	Azure Admin Activity, Recently modified users Multi Factor Authentication Status Reset User Password
	Azure Admin Activity, Recently modified users Multi Factor Authentication Status Reset User Password Change User Password
	Azure Admin Activity, Recently modified users Multi Factor Authentication Status Reset User Password Change User Password Update User Credentials
	Azure Admin Activity, Recently modified users Multi Factor Authentication Status Reset User Password Change User Password Update User Credentials User Activity(based on Business Hours)
	Azure Admin Activity, Recently modified users Multi Factor Authentication Status Reset User Password Change User Password Update User Credentials
OneDrive for Business	Azure Admin Activity, Recently modified users Multi Factor Authentication Status Reset User Password Change User Password Update User Credentials User Activity(based on Business Hours)
OneDrive for Business	Azure Admin Activity, Recently modified users Multi Factor Authentication Status Reset User Password Change User Password Update User Credentials User Activity(based on Business Hours) User Logon Activity
OneDrive for Business	Azure Admin Activity, Recently modified users Multi Factor Authentication Status Reset User Password Change User Password Update User Credentials User Activity(based on Business Hours) User Logon Activity OneDrive Events Log

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	OneDrive Files Renamed
	OneDrive Files Movement
	OneDrive File Operation
	OneDrive Downloads
	OneDrive File Uploads
	OneDrive Deleted Files
	OneDrive Download Sync
	OneDrive Upload Sync
Microsoft Teams	Added Channel
	Created Team
	Deleted Team
	Users Signed in to Teams
	Changed Setting (legacy)
	Changed Organizational Settings
	Changed Team Settings
	Changed Channel Settings
Power BI	Created Dashboard
	Viewed Dashboard
	Modified Dashboard
	Deleted Dashboard
	Printed Dashboard
	Shared Dashboard
	Created Groups
	Added Group members
	Started Pro-trial Subscriptions
	Created Reports
	Viewed Reports
	Modified Reports
	Deleted Reports
	Shared Reports
	Printed Reports
	Downloaded Reports
	Published Reports
	Exported Dashboard Tile
	Exported Reports
	Started Extended Trial
	Admin Portal Activities

Viewed Usage Metrics
Analyzed Dataset
Created Organizational Content Pack
Deleted Dataset Objects

## **Account Management**

Microsoft 365 Service	M365 Manager Plus Reports
Exchange Online	Non-Owner Mailbox Access
	Contact Audit Log
	Added Member to Group
	Removed Member from Group
	Group Members
	Users Not in Group
	Groups with Disabled Users
	Account Policy Changes
	User Configuration Changes
	Role Assignment policy
	Unified Messaging Mailbox Policy
	User Rights Assignment Policy Changes
	DLP Policy Matches
Azure Active Directory	Recently Enabled Accounts
	Recently Created User Account
	Recently Modified User Account
	Recently Deleted User Account
	Password change Report
	Accounts with Most Logon Activity (In All Logon Activities Report)
	All Users
	Password Expired User Accounts

	Locked User Accounts
	Never Expiring Passwords
	Azure Locked Users
	Azure User Activities
	Recent Logon Failure
	Recent Successful Logon
	User Logon Activtiy
	Exchange User Activity
Micorosft Teams	Added Channel
	Created Team
	Deleted Team
	Users Signed in to Teams
	Changed Setting (legacy)
	Changed Organizational Settings
	Changed Team Settings
	Changed Channel Settings
Power BI	Started Pro-trial Subscriptions
	Started Extended Trial
	Admin Portal Activities
	Viewed Usage Metrics
	Analyzed Dataset
	Created Organizational Content Pack
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#### **Credentials Management**

Microsoft 365 Service	M365 Manager Plus Reports
Azure Active Directory	Password Change
	Never Expiring Passwords
	Soon to Expire Users
	Password Changed Users
	Password Unchanged Users
	Multi Factor Authentication Status
	Recently Password Reset Users
	Forced Password Change
	Updated User Credentials
Microsoft Teams	Users Signed in to Teams

#### **User Management**

Microsoft 365 Service	M365 Manager Plus Reports
Exchange Online	Exchange User Activity
	Mailbox Features
	Mailbox with ForwardTo
	Mailbox Auto Reply Configuration
	Group Members
	Recently Added Users to Groups
	Recently Deleted Users from Groups
	Distribution List Members
	Dynamic Distribution Group Members
	Mailbox Permissions Changes
	Created and deleted Malware Filter Policy
	Created, Modified, and Deleted Phishing Rules
	Created, Modified, and Deleted Role Assignments
	Created, Modified, and Deleted Safe Attachment Policies
	Created, Modified, and Deleted Safe Link Policies
	OWA Logon by Users
	OWA Logon by OS
	OWA Logon by Browsers
Azure Active Directory	Added Users
	Updated Users
	Deleted Users
	Cloud users
	Synced Users
	Never Expiring Passwords
	User Logon Activity
	Added Users to Admin Role
	Recent Logon Failure
	Recent Successful Logon
	User Activity(based on Business Hours)
	User Logon Activity

OneDrive for Business	OneDrive Events Log
	OneDrive Files Accessed
	OneDrive File Modifications
	OneDrive Files Renamed
	OneDrive Files Movement
	OneDrive File Operation
	OneDrive Downloads
	OneDrive File Uploads
	OneDrive Deleted Files
	OneDrive Download Sync
	OneDrive Upload Sync
Microsoft Teams	Added Channel
	Created Team
	Deleted Team
	Users Signed in to Teams
	Changed Setting (legacy)
	Changed Organizational Settings
	Changed Team Settings
	Changed Channel Settings

#### **Integrity Monitoring**

Microsoft365 Service	M365 Manager Plus Reports
Exchange Online	OWA Logon by Users
	OWA Logon by OS
	OWA Logon by Browsers
Azure Active Directory	Recent Logon Failure
	Recent Successful Logon
	User Activity(based on Business Hours)
	User Logon Activity
OneDrive for Business	OneDrive Files Accessed OneDrive File Modifications OneDrive File Renaming OneDrive File Movement OneDrive File Operations OneDrive Upload OneDrive Downloads OneDrive Deleted Files OneDrive Events Log

Microsoft Teams	Added Channel
	Created Team
	Deleted Team
	Users Signed in to Teams
	Changed Setting (legacy)
	Changed Organizational Settings
	Changed Team Settings
	Changed Channel Settings
Power BI	Created Dashboard
	Viewed Dashboard
	Modified Dashboard
	Deleted Dashboard
	Printed Dashboard
	Shared Dashboard
	Created Groups
	Added Group members
	Started Pro-trial Subscriptions
	Created Reports
	Viewed Reports
	Modified Reports
	Deleted Reports
	Shared Reports
	Printed Reports
	Downloaded Reports
	Published Reports
	Exported Dashboard Tile
	Exported Reports
	Started Extended Trial
	Admin Portal Activities
	Viewed Usage Metrics
	Analyzed Dataset
	Created Organizational Content Pack
	Deleted Dataset Objects

#### **Data Governance**

Microsoft 365 Service	M365 Manager Plus Reports
Exchange Online	Exchange Online Mailbox Permissions Changes
	Added and deleted folder level permissions
	Added and deleted send-as permissions
	Added and deleted mailbox permissions
	Configured permissions for folders within user mailbox
	Exchange Online Mailbox Policy Changes
	Created, modified, and deleted UM mailbox policies
	Transport rule matches
	Messages that triggered transport rules
	Folder Message Count and Size
	Attachment by File Size
	Message by Subject
	Mailbox Message Restrictions
	Mailbox Clutter Details
	OWA Attachment Policies
	OWA Attachment Policy by Users
OneDrive for Business	OneDrive Files Accessed
	OneDrive File Modifications
	OneDrive File Renaming
	OneDrive File Movement
	OneDrive File Operations
	OneDrive Upload
	OneDrive Downloads
	OneDrive Deleted Files
	OneDrive Events Log
	Checked-in and checked-out file
	Discarded file check-out

Power BI	Created Dashboard
	Viewed Dashboard
	Modified Dashboard
	Deleted Dashboard
	Printed Dashboard
	Shared Dashboard
	Created Groups
	Added Group members
	Created Reports
	Viewed Reports
	Modified Reports
	Deleted Reports
	Shared Reports
	Printed Reports
	Downloaded Reports
	Published Reports
	Exported Dashboard Tile
	Exported Reports
	Viewed Usage Metrics
	Analyzed Dataset
	Deleted Dataset Objects

## **Configuration Management**

Microsoft 365 Service	M365 Manager Plus Reports
Exchange Online	Created and deleted mailboxes
	Recovered soft deleted mailboxes
	Created, suspended, and resumed mailbox restore requests
	Configured mailbox settings
	Created mailboxes for existing users
	Disabled mailboxes of existing users
	Configured junk email rule for specific mailboxes
	Modified CAS settings in a mailbox
	Mailbox Sizes
	Mailbox Size Restrictions

	Current Mailbox Size vs Quota
	Archive Mailbox Sizes
	Mailbox Storage Information
	Mailbox Size Over Time
	Created management role assignments
	Modified management role assignments
	Deleted management role assignments
	Created and deleted management role groups
	Added and deleted management role group members
	Modified role groups
	Updated role groups
	Added and deleted folder level permissions
	Added and deleted send-as permissions
	Added and deleted mailbox permissions
	Configured permissions for folders within user mailbox
	Account Permissions
	Group Policy Object Delegation
	Email Address Policy Changes
	Exchange Online Mailbox Policy Changes
	New, rotated, and modified DKIM signing policies
Microsoft Teams	Changed Setting (legacy)
	Changed Organizational Settings
	Changed Team Settings
	Changed Channel Settings
Power BI	Started Pro-trial Subscriptions
	Started Extended Trial
	Admin Portal Activities
	Viewed Usage Metrics
	Analyzed Dataset
	Created Organizational Content Pack

#### **Audit Trail**

Microsoft 365 Service	M365 Manager Plus Reports
Exchange Online	Created and deleted mailboxes
	Recovered soft deleted mailboxes
	Created, suspended, and resumed mailbox restore requests
	Configured mailbox settings
	Created mailboxes for existing users
	Disabled mailboxes of existing users
	Created, modified, and deleted Microsoft 365 groups
	Created, modified, and deleted dynamic distribution groups
	Created, modified, and deleted distribution groups
	Added and replaced distribution group members
	Deleted unified groups and unified group links
	Added members, owners, and subscribers to groups
	Created, modified, and deleted email users
	Modified user attributes
	Modified linked user account properties
	Purged messages from mailbox
	Deleted messages form Deleted Items folder
	Moved messages to Deleted Items folder
	Moved messages to another folder
	Created or received messages
	Sent messages using send-on behalf permission
	Copied message to another folder
	Users signed into mailbox
	Sent messages using SendAs permission
	Enabled or disabled focused inbox for mailboxes
	Enabled/disabled UM call answering rules
	Created, modified, and deleted call answering rules
	Created, modified and tested site mailboxes
	Synchronisation triggered site mailboxes
	Created and modified site mailbox provisioning policies

Added, modified, and deleted management role entry

Updated and deleted hybrid configurations

Configured message flow settings

Created, modified, and deleted OnPremisesOrganization objects

Enabled and disabled UM auto attendants

Created, modified, and deleted auto attendants

Transport rule matches

Messages that triggered transport rules

Created, modified and deleted malware filter rules

Created, modified, and deleted malware filter policies

Created, validated, and deleted inbound connectors

Created, validated, and deleted outbound connectors

Created, modified, and deleted intra organization connectors

Created, modified, and deleted UM dial plans

Created, modified, and deleted management role assignments

Created, modified, and deleted public folder migration requests

Resumed and suspended public folder migration requests

Resumed and suspended public folder mailbox migration requests

Enabled and disabled UM IP gateway

Created, modified, and deleted UM IP gateway configurations

Configured auto reply settings for a mailbox

Created mailbox folders

Configured publishing or sharing settings on a calendar folder

Messages with no delivery status

Messages undelivered or filtered as spam/malware

Messages yet to be delivered

Successfully delivered messages

Messages undelivered due to expanded group membership

Created, modified, and deleted role assignment policies

Modified transport configuration settings

Removed text messaging settings

Compared verification codes

Verification codes sent to users' mobile phone

Text messaging notifications configured

PINs reset for UM mailbox

Modified existing accepted domains

Created, modified, and deleted sharing policies

Created, modified, Tested, and deleted organization relationships

Created and deleted availability address space objects

Modified access level for free/busy information

Created, and deleted availability configurations

Created, modified, and deleted OWA mailbox policies

Modified mailbox message configuration

Modified mailbox message configuration

Modified wen spelling checker options

Calendar settings applied for users using OWA calendars

Modified S/MIME configuration

New and deleted hotmail, POP or IMAP subscriptions

Created and modified POP subscriptions

Created, and modified IMAP subscriptions

Created and modified hotmail subscriptions

Created, modified, and deleted contact integration subscription

Activity alerts in Security & Compliance center

Created, modified, and deleted safe link policies

Enabled and disabled safe link policies

Created, modified, and deleted safe attachment rules

Enabled and disabled safe attachment rules

Created, and deleted safe attachment policies

New phish filter policy configured

Imported and exported UM prompts

Messages marked as malware

Spam filtered by advanced filters

Messaged filtered as bulk mail

Messages filtered based on content

Messages filtered by transport rule

Messages from blocked users

Messages filtered by content, rules or other configuration

Messages addressed to an unknown recipient

Messages blocked based on SMTP

Messages blocked based on sender IP

Created and deleted public folder sync

Created, modified, and deleted partner app configurations

Tested OAuth authentication

Modified, and deleted user photos

Enabled and disabled UM for mailboxes

Modified UM mailbox properties

Imported contacts to Exchange Online mailboxes

Created email messages

Tested MAPI connectivity

Enabled and disabled apps for a specific user

Created and deleted apps

Modified availability of organization apps

Modified mailbox plans

Exchange organisation settings configured

Enabled organization customization

Modified gateway server IP addresses

Created and deleted remote domains

Connections configured for a remote domain

Configured text message notification for calendar events

Modified calendar processing options for resource mailboxes

Created, modified, and deleted inbox rules

Enabled and disabled inbox rules

Configured junk email rule for specific mailboxes

Configured Exchange ActiveSync settings

Mobile device mailbox policy settings applied to server

Configured and deleted device access level for rules

Created and deleted active sync mailbox policies

Created and deleted active sync device access rule

Created, modified, and deleted mobile device mailbox policies

Deleted data from mobile device

Deleted mobile devices

Created, modified, and deleted UM mailbox policies

Added and deleted folder level permissions

Added and deleted send-as permissions

Added and deleted mailbox permissions

Configured permissions for folders within user mailbox

Modified CAS settings in a mailbox

Configured federated organization identifier

New federation trust set up

Created and deleted public folder

Hierarchy updated public folders

	Mail enbled and disabled public folders
	Added and deleted permissions to public folders
	Modified mail enabled public folders
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Security	Messages filtered by DLP rule
	Messages incorrectly filtered by DLP rule
	Messages that override one or more DLP rules
	Messages that triggered DLP rules and policy rules
	Created and deleted UM hunt group
	Created, modified, and deleted management scopes
	Created, modified, and deleted content filter policies
	Released quarantine messages
	Created, modified, and deleted connection filter policies
	Created, modified, and deleted content filter rules
	Enabled and disabled content filter rules
	Modified outbound spam filter policy
	New, rotated, and modified DKIM signing policies
	Created and deleted management role groups
	Added and deleted management role group members
	Modified role groups
	Updated role groups
	Created, modified, and deleted email contacts
	Configured clutter settings for mailboxes
	Created and deleted management roles
	Deleted migration users
	Tested migration server availability
	Exported migration reports
	Modified staged IMAP, and remote migrations
	Created and deleted migration endpoints
	Started and stopped batch migration process
	Created, finalized, and deleted migration batches
	Created, modified, resumed, suspended, and deleted move requests
	Updated migration requests
Azure Active Directory	Added, updated, and deleted user
	Updated and deleted group
	Created group settings
	Added and removed member from a group
	Set license properties
	Changed user license

	Added users to admin role
	Deleted users from member role
	Updated company contact information
	Sign-in using password
	Sign-in using cookies
	Successful and failed logins
	Added modified, and removed delegation entry
	Added and removed service principals
	Added and removed credentials of service principals
	Reset user password
	Changed user password
	Set property that forces user to change password
	Updated user credentials
OneDrive for Business	Allowed and blocked computers from syncing files
	Downloaded and uploaded files
	Downloaded and uploaded file changes
	Created, accepted and withdrawn sharing invitations
	Created, used, and deleted company-wide share links
	Shared and unshared file, folder or site
	Created, accepted and denied access requests
	Created, used, and deleted anonymous links
	Renamed file
	Moved file
	Modified file
	Uploaded and downloaded file
	Deleted file
	Restored file
	Checked-in and checked-out file
	Discarded file check-out
	Copied file
	Accessed file
Microsoft Teams	Added Channel
	Created Team
	Deleted Team
	Users Signed in to Teams
	Changed Setting (legacy)
	Changed Organizational Settings
	Changed Team Settings
	Changed Channel Settings

Power BI Created Dashboard Viewed Dashboard Modified Dashboard **Deleted Dashboard** Printed Dashboard Shared Dashboard **Created Groups** Added Group members Started Pro-trial Subscriptions Created Reports Viewed Reports Modified Reports **Deleted Reports Shared Reports Printed Reports Downloaded Reports Published Reports Exported Dashboard Tile Exported Reports** Started Extended Trial Admin Portal Activities Viewed Usage Metrics **Analyzed Dataset** Created Organizational Content Pack **Deleted Dataset Objects** 

# ManageEngine M365 Manager Plus

M365 Manager Plus is an extensive Microsoft 365 tool used for reporting, managing, monitoring, auditing, and creating alerts for critical incidents. With its user-friendly interface, you can easily manage Exchange Online, Azure Active Directory, Skype for Business, OneDrive for Business, Microsoft Teams, and other Microsoft 365 services from a single console.