

# Introducing MachPanel v.7

## MACHPANEL®



## MachPanel Automation Module for Microsoft Exchange

- Datasheet – MachPanel Automation Module for Microsoft Exchange
- MachSol Inc.

Revision: 1.0

[www.MachSol.com](http://www.MachSol.com)

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# 1. About This Document

This document focuses on MachPanel Automation Module for Microsoft Exchange. An overview of MachPanel Provisioning System along with Cloud/Enterprise hosting is presented. The document highlights how MachPanel employs Cloud/Enterprise hosting and offers exchange service through MachPanel Automation Module for Microsoft Exchange. Finally, the document concludes to decide MachPanel's supremacy over other products in case of Cloud/Enterprise hosting.

## 2. Fundamental Concepts

Before proceeding further, let's start with the fundamental concepts which will help you better understand the solution according to your need. Fundamental concepts include:

- MachPanel Provisioning System
- MachPanel Shared/Traditional Hosting (Web Hosting)
- Cloud Hosting through MachPanel (Enterprise Products)

## 3. MachPanel Provisioning System

MachPanel Provisioning System is an **ALL-in-ONE** complete business automation solution for Windows. It includes everything a web hosting company needs to run its day-to-day business operations. It helps to run a profitable, extensible and successful web hosting business using latest tools and cutting edge technology.

It caters the need of **Traditional** as well as **Enterprise hosting** supporting wide range of features including **Billing, Management, Help Desk** automations and **Network Monitoring**. In addition to automation, it provides broad 3rd party integrations with popular platforms.

**Note:** MachPanel offers highly useful tools to manage and provision the services.

## 4. Cloud Hosting through MachPanel

In addition to Traditional Hosting, Cloud hosting is a vital and powerful feature that MachPanel possesses. It allows various Enterprise solutions for broad Cloud Hosting Services that include:

- a. MachPanel Automation Module for Microsoft Exchange
- b. MachPanel Automation Module for Microsoft Skype for Business
- c. MachPanel Automation Module for Microsoft SharePoint
- d. MachPanel Automation Module for Microsoft CRM
- e. MachPanel Automation Module for Microsoft Hyper-V
- f. MachPanel Automation Module for Microsoft CSP
- g. MachPanel Automation Module for Windows Work Folders
- h. MachPanel Automation Module for Microsoft RDS



Over the years, there has been a gradual paradigm shift from shared web hosting to Cloud hosting. MachPanel caters both.

**Important:** MachPanel Provisioning System is **NOT** only a traditional web hosting Control Panel but it deals with a broad range of **Cloud** services along with **Traditional** Hosting services.

**Note:** MachPanel extends its functionality to provide an **end to end centralized automation** using multiple hosted environments.

## 5. MachPanel Core Features

### 5.1 [High Performance and Scalability](#)

- ✓ High Performance Windows Based Control Server

### 5.2 [Load Balancing](#)

- ✓ High Availability solution encompassing Load Balancing and fault tolerance
- ✓ Fully Load Balanced Control Panel via NLB or any other load balancer

### 5.3 [Multilevel Management & Multitenancy](#)

- ✓ Multi-level Management i.e. Service Provider, Reseller and Self-Service Customer Control Panel
- ✓ Support for Commission based Reseller model, and Subscription Based Reseller Model
- ✓ Subscribe Existing Organization and Users to CRM, Skype for Business and SharePoint Services

### 5.4 [Integration & Management](#)

- ✓ Ability to Manage Multiple Active Directory Domains
- ✓ Ability to Integrate & Manage different Providers for Exchange and other Services.

## 5.5 Authentication & Security

- ✓ IP Lock-Down policy for system/staff users.
- ✓ SSL Protection and Encryption of Control Panel Communication
- ✓ Secure Encrypted Information exchange between Remote and Control Server
- ✓ Single Sign-On for all Enterprise Extensions
- ✓ 3rd Party Authentication for Control Panel
- ✓ Two factor Authentication (2FA) for all types of Users
- ✓ Login with ADFS functionality added <sup>New!</sup>

## 5.6 E-Commerce & Pricing

- ✓ Complete Billing, Helpdesk and E-Commerce Center
- ✓ Automatic Setup & Billing Email Notification Manager
- ✓ Built in E-Commerce Store with Fraud Control & Prevention
- ✓ WHMCS Integration and support for all Modules
- ✓ Support for various payment gateways for automatic payment processing.
- ✓ PCI Compliance integration for Authorize.Net CIM and PayPal Pro Payflow Edition.
- ✓ Safer Pay integration added. <sup>New!</sup>

## 5.7 API & Customizations

- ✓ MachPanel Store API to facilitate providers to completely customize the online web store.
- ✓ MachPanel REST API Configuration <sup>New!</sup>
- ✓ Multi-language and Localization Support
- ✓ Fully Private Labeled for Provider, Reseller and End Customer Control Panel
- ✓ Terms and conditions Providers/Resellers
- ✓ Ability to customize Skin. Add Custom title on Dashboard. <sup>New!</sup>

## 5.8 Backup & Synchronization

- ✓ One click backup of MachPanel database from Control Panel Configuration Studio
- ✓ ADSync feature to programmatically allow automatic Active Directory Synchronization

## 5.9 Automization & Logging

- ✓ Work flows for various operations
- ✓ Detailed Audit Logs to maintain history of all operation performed via control panel

## 5.10 Notifications & Mailing

- ✓ Notifications on control Panel.
- ✓ Supports MailChimp for Mailling Lists

# 6. MachPanel Automation Module for Microsoft Exchange 2019 & legacy versions?

MachPanel provides complete functionality of **Microsoft Exchange 2019 & legacy versions** and caters each and every aspect (mail domains, mailboxes, contacts, public folders, distribution lists, exchange organizations, wireless, group actions, provisioning). This enables an enterprise that is offering exchange services, to run its day-

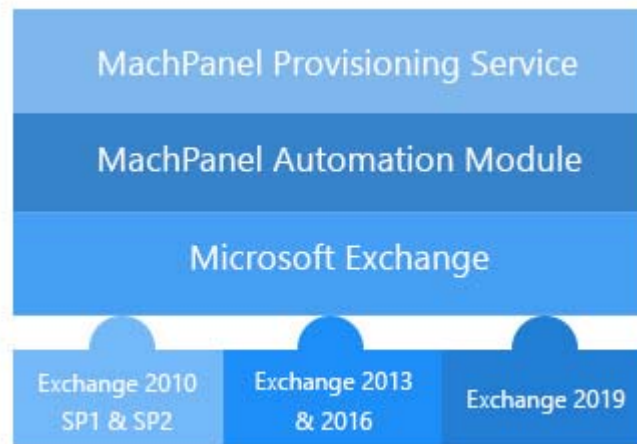
to-day business operations at much ease and convenience. Furthermore, it facilitates to run a profitable, extensible and successful web hosting business in well-managed way.

## 6.1 Service Architecture

MachPanel support the following versions of Exchange:

1. Microsoft Exchange 2007.
2. Microsoft Exchange 2010 (SP1 & SP2).
3. Microsoft Exchange 2013.
4. Microsoft Exchange 2016.
5. Microsoft Exchange 2019. <sup>New!</sup>

**Note:** Pay as you grow. You have immense scalability options available by starting small and increasing your business later on.



## 6.2 Support of Exchange 2019 & Legacy Version

We are glad to announce that we are one of the first Control Panel supporting **MS Exchange 2019** and we are Microsoft Validated Solution Vendor. MachPanel Module for Microsoft Exchange is a complete **automation solution** and **provisioning system** for **Microsoft Exchange Server 2019**.

It is tightly integrated with Microsoft Exchange Server to deliver all the features service providers are required to deploy and manage Exchange Hosting.

For providing convenience to our customers, MachSol Inc. has developed an Exchange Segregation Utility to “**Prepare & Secure Exchange for Multitenant Hosting**”. The utility has been integrated with MachPanel Provisioning System and MachPanel Remote Server installation. This intelligent utility checks automatically on provisioning of an OU, whether the AD is segregated or not and in case of segregation, it automates configuration of segregated hosted exchange organization following set of guidelines from Microsoft.

Few of the main highlights include:

- Provisioning for Exchange 2019 Server Groups. <sup>New!</sup>

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- MachPanel provides user-friendly interface that allows hosts to create and manage:
  - Basic, Standard, Standard plus, Enterprise & Enterprise plus mailboxes through service plan management.
  - Upgrade from Basic to Standard, standard plus, Enterprise & Enterprise plus mailboxes via Add-on's.
  - Fix Security Permission for All organizations, Sync data from Backend for all Organization, Enable Litigation Hold.
  - Add, Remove User/Linked/Shared/Room/Equipment Mailboxes, Add bulk User and Linked Mailboxes via CSV.
  - Add/Remove Mail Contacts one by one or in Bulk.
  - Add/Remove & Manage Distribution Lists one by one or in Bulk.
  - Add/Remove & Manage Public Folders.
  - Auto Generated SPLA reports (Basic , Standard, standard Plus, Enterprise & Enterprise Plus) .
  - Detailed Usage Report on Organization or Mailboxes level. It shows the number of user/Linked Mailboxes, Number of Resource Mailboxes, Number of /shared Mailboxes.
  - Download profile to configure outlook.
  - Detailed Mailbox Management, Email forwarding, Permissions etc.
  - Graph to show Mailbox Quota Usage.
  - Personal Archiving, Calendar Permissions, Unified Messaging, Mobile devices etc.
  - Application Impersonation, Compliance Management
  - HTML based Company Disclaimer
  - Group actions that allow you to perform actions on selected mailboxes.
  - Group Operations for Distribution Lists.
  - As a provider/reseller and End customer "Member of" equivalent functionality is available so that in mailbox properties one can see listing of distribution list(s) that a mailbox belongs to.
  - Support for Exchange 2019 Archiving.
  - Support for multiple mailbox databases.
  - SPAM Filters
- Intelligent segregation through automated configuration of segregation steps.
- Interfaces included for Exchange 2016 & 2019 Integration and Management.

## 7. Detailed Feature List

MachPanel offers a wide range of functionality including provisioning features for Its Exchange Module. It completely supports **Microsoft Exchange 2019 & legacy versions** and caters its entire functions.

### 7.1 Supported Exchange 2019 Features

| Features                           |  | Supported |
|------------------------------------|--|-----------|
| <b>Active Directory Management</b> | <ul style="list-style-type: none"> <li>➤ Active Directory Management</li> <li>➤ Add/Remove AD Organizations</li> <li>➤ Add/Remove AD Users</li> <li>➤ Add user details while adding AD user</li> </ul> | ✓         |

|  |  |   |
|--|--|---|
|  | <ul style="list-style-type: none"> <li>➤ Option to Change Password and Unlock the AD User</li> <li>➤ Add/Remove Security Groups</li> <li>➤ Give AD Users Membership to Security Groups</li> <li>➤ Activate Exchange on AD Users Created via MachPanel</li> <li>➤ Provider/Reseller has an ability to edit AD user from MachPanel AD interface</li> </ul>   |   |
| <b>Service Offering Options</b>        | <ul style="list-style-type: none"> <li>➤ Group Exchange Mailbox Servers under Server Group <ul style="list-style-type: none"> <li>○ Add/remove Server</li> <li>○ PST Export</li> <li>○ Unified Messaging Policy</li> </ul> </li> <li>➤ Create Server Groups from various supported provider versions</li> <li>➤ Numerous optional fields per server group to assist in automatic Mailbox Setup</li> <li>➤ Ability to Provision Services using Separate Service Account</li> <li>➤ Selling of Services Based on Server Groups</li> <li>➤ Offer Service via Service Plans</li> <li>➤ Intuitive Service Plan Wizard</li> <li>➤ Clone Service Plans</li> <li>➤ Selling on Per Mailbox Basis or in Bulk</li> <li>➤ Choose from List of Resources and Make them Billable</li> <li>➤ Bundle all Exchange Resources in a Single Service Plan Offering</li> <li>➤ Create Edu-discount packages</li> <li>➤ Choose from Microsoft SPLA Types (Basic, Standard and Standard Plus) while creating Service Plans</li> <li>➤ Set limits for Personal Archive Settings</li> <li>➤ Offer Same Plan in multiple billing cycles and multiple currencies</li> <li>➤ Set Setup Price and Discounts on Service Plans</li> <li>➤ Ability to Upgrade/Downgrade Service Plans</li> <li>➤ Ability to enhance Services and Quotas via Add-ons</li> <li>➤ Associating Add-ons with Service Plan</li> <li>➤ Ability to provision Exchange Add-on containing mailboxes with unlimited quota as a Provider/Reseller</li> <li>➤ Ability to manage Shared Mailboxes for Exchange 2013 and later.</li> <li>➤ Easy add-on creation/update using Mailbox templates</li> <li>➤ WorkFlows for sync from backend operation <span style="color: red;">New!</span></li> </ul> | ✓ |
| <b>DNS Handling</b>                    | <ul style="list-style-type: none"> <li>➤ Ability to integrate Multiple DNS Servers as Primary &amp; Secondary</li> <li>➤ Auto Generated DNS Records for Exchange Domains</li> </ul>  | ✓ |
| <b>Load Balancing &amp; Redundancy</b> | <ul style="list-style-type: none"> <li>➤ Supports Mailbox Creation Load Balancing on Per Server Basis</li> <li>➤ Supports Redundancy with Exchange CCR and DAG Support</li> <li>➤ Set/Fix Mailbox Database, Personal Archive Database.</li> <li>➤ Set/Fix OAB Distribution Method on Per Server Basis</li> </ul>   | ✓ |



|                                      |   |          |
|--------------------------------------|---|----------|
| <p><b>Exchange Organizations</b></p> | <ul style="list-style-type: none"> <li>➤ Multiple Authoritative Domains for the exchange organization. Manage Mail Domains (“Add”, “Remove” and “Set as Default” SMTP Domains)</li> <li>➤ Add/Remove Authoritative Domains for the exchange organization. Choose from Authoritative, External and Internal Relay Type for Mail Domains</li> <li>➤ Change/Update exchange organization's storage policy.</li> <li>➤ Change/Update exchange organization's retention policy.</li> <li>➤ Quick Access to Service Management (Mailboxes, contacts, Distribution List, Public Folders, Disclaimer, Retention Settings, SPAM Experts, Mobile Device Mailbox Policy, Application Impersonation)</li> <li>➤ Put on Hold / Suspend Access to Panel for Customer/Administrator</li> <li>➤ Complete Migration Capabilities</li> <li>➤ Ability to synchronize Exchange Organization detail is added in Exchange Service management to sync backend details into MachPanel</li> <li>➤ Export Mailbox Permissions and Export Calendar permissions on Organization level.</li> </ul>   | <p>✓</p> |
| <p><b>Mailbox Management</b></p>     | <ul style="list-style-type: none"> <li>➤ Configure default exchange domain for resellers and customers.</li> <li>➤ Create/Delete mailboxes</li> <li>➤ Add Bulk Mailboxes</li> <li>➤ Enable/Disable mailboxes</li> <li>➤ Ability to Soft Delete User Mailboxes. <span style="color: red;">New!</span></li> <li>➤ Enable PST Export Option</li> <li>➤ Remove Mailbox and AD user</li> <li>➤ Mailboxes type supported are User, Room, Equipment, Shared Mailboxes &amp; Linked.</li> <li>➤ Mobile Devices Mailbox Policies</li> <li>➤ Update mailbox information (General settings, Personal Information)</li> <li>➤ Change display name in GAL</li> <li>➤ Enable/Disable Litigation Hold for mailbox</li> <li>➤ Modify Properties of Mailbox for Each Mailbox Individually</li> <li>➤ Perform Group Actions to modify mailbox properties of multiple mailboxes in a single go</li> <li>➤ Change Mailbox User and Display NameChange mailbox password</li> <li>➤ Hide mailbox from address book</li> <li>➤ Add/Remove Email Alias / Email Address</li> <li>➤ Create email alias using Last Name in Exchange Mailbox Group Actions <span style="color: red;">New!</span>.</li> <li>➤ Manage Mailbox Mail Flow Settings (Email Forwarding, Limits, Delete Item Retention, Restrictions)</li> <li>➤ Manage Mailbox Advanced Settings (Storage Quota, Mailbox Features)</li> </ul> | <p>✓</p> |

|                                   |  |          |
|-----------------------------------|--|----------|
|                                   | <ul style="list-style-type: none"> <li>➤ Choose Mailbox Features from Microsoft SPLA Types using drop down</li> <li>➤ Manage Mailbox Permissions (Send on Behalf, Send As, Full Access)</li> <li>➤ Set/Reset Mailbox Password (auto send password to specified email address)</li> <li>➤ Ability to Move Mailboxes from One Database to Other</li> <li>➤ Manage Personal Archive Settings (Chose Archive Database, Set Warning Quota and Quota)</li> <li>➤ Activate/Deactivate Wireless (Blackberry Service) on Mailbox</li> <li>➤ Activate/Deactivate Unified Messaging on Mailbox</li> <li>➤ Enable/Disable and Configure Automatic Replies for Mailbox</li> <li>➤ Move Mailboxes in bulk (from different organizations) from one mailbox database to another</li> <li>➤ Handling of Mailbox Locale Settings (ability to select mailbox locale while creating mailbox)</li> <li>➤ Support for converting user mailbox to link mailbox and otherwise</li> <li>➤ Support for creating/handling Dynamic Distribution list</li> <li>➤ AD Users are able to download outlook profile via 4th Level AD user interface</li> <li>➤ AD Users are able to download outlook client form link set by provider via 4th Level AD user interface</li> <li>➤ An option is available to "Set as Primary email", "Set Primary + UPN" while adding alias to change SMTP domain for users in Bulk</li> <li>➤ Enable existing AD users for Exchange services in bulk</li> <li>➤ Adding Linked Mailbox via bulk option.</li> <li>➤ Set accepted senders</li> <li>➤ Set rejected senders</li> <li>➤ Create and manage public folders</li> <li>➤ Enabled/Disable protocols (POP3, IMAP, OWA, MAPI, ActiveSync)</li> <li>➤ Set "delete item retention" policy</li> <li>➤ Archiving</li> </ul> |          |
| <p><b>Contacts Management</b></p> | <ul style="list-style-type: none"> <li>➤ Create/Delete contacts</li> <li>➤ Add / Import Bulk contacts</li> <li>➤ Update contact information (General settings, Personal Information)</li> <li>➤ Change display name in GAL</li> <li>➤ Hide mailbox from address book</li> <li>➤ Add/Remove e-mail address</li> <li>➤ Manage contact mail flow settings</li> <li>➤ Set accepted senders</li> <li>➤ Set rejected senders</li> <li>➤ Manage advanced settings</li> <li>➤ "Set as Primary Email" option in Contact Add/Edit <span style="color: red;">New!</span></li> </ul>   | <p>✓</p> |

|  |  |   |
|--|--|---|
|  | <ul style="list-style-type: none"> <li>➤ Add Email alias <b>New!</b></li> </ul>  |   |
| <b>Distribution Lists Management</b>               | <ul style="list-style-type: none"> <li>➤ Create/Delete distribution lists</li> <li>➤ Add Bulk Distribution list</li> <li>➤ Enable/Disable distribution lists</li> <li>➤ Update distribution lists information (General settings, etc.)</li> <li>➤ Change display name in GAL</li> <li>➤ Add/Remove distribution list members</li> <li>➤ Hide distribution list from address book</li> <li>➤ Set primary e-mail address</li> <li>➤ Manage distribution list mail flow settings</li> <li>➤ Set accepted senders</li> <li>➤ Set rejected senders</li> <li>➤ Define "Send on Behalf" accounts</li> <li>➤ Manage advanced settings</li> <li>➤ Group Actions for distribution Lists <b>New!</b></li> </ul>   | ✓ |
| <b>Public Folders Management</b>                   | <ul style="list-style-type: none"> <li>➤ Configure default exchange domain for resellers and customers:</li> <li>➤ Create/Delete public folders</li> <li>➤ Update public folder information (General settings, etc.)</li> <li>➤ Mail Enable public folder</li> <li>➤ Allow/disallow posting to External and internal users</li> <li>➤ Manage Public folder Permissions and features</li> <li>➤ Import/Sync existing Public Folders from backend to MachPanel for management</li> <li>➤ Change display name in GAL</li> <li>➤ Set public folder authors</li> <li>➤ Hide mailbox from address book</li> <li>➤ Manage public folder e-mail addresses</li> <li>➤ Set primary e-mail address</li> <li>➤ Manage public folder mail flow settings</li> <li>➤ Option to choose mailbox database while Creating/Enabling mail enable Public folder via MachPanel</li> </ul> | ✓ |
| <b>Compliance Management <b>New!</b></b>           | <ul style="list-style-type: none"> <li>➤ Add and Manage Retention Tags</li> <li>➤ Add and Manage Retention Policies</li> <li>➤ Apply Litigation Hold</li> <li>➤ Apply In-Place Hold</li> <li>➤ Apply Journal Rules to Mailboxes and Contacts</li> </ul>  | ✓ |
| <b>Mobile Device Policy Management</b>             | <ul style="list-style-type: none"> <li>➤ Add/Edit/Remove Mobile Device Mailbox Policies</li> </ul>   | ✓ |
| <b>Calendar Permissions Management <b>New!</b></b> | <ul style="list-style-type: none"> <li>➤ Define Anonymous Permission Level</li> <li>➤ Define Default Permission Level</li> <li>➤ Define Exchange SG Permission Level</li> <li>➤ Add/Edit Custom permission</li> </ul>  | ✓ |
| <b>Reporting</b>                                   | <ul style="list-style-type: none"> <li>➤ Auto Generated SPLA and Usage Reports</li> <li>➤ SPLA Report Export to Excel Option</li> <li>➤ SPLA Report categorizes Mailboxes as Basic, Standard, Standard Plus and Enterprise</li> </ul>  | ✓ |

|  |   |  |
|--|---|--|
|  | <ul style="list-style-type: none"> <li>➤ Number of User/Linked Mailboxes, Number of Resource and Shared Mailboxes in Usage reports</li> <li>➤ Separate category for Edu-Discout Mailboxes in SPLA Report</li> <li>➤ Detailed Organization Usage Report Generation (Export to Excel Option)</li> <li>➤ Detailed Mailbox Usage Report Generation (Export to Excel Option)</li> <li>➤ Enterprise and Enterprise Plus Mailbox types (Handling in Service Plan as well as in Reporting)</li> <li>➤ Schedule to automatically generate and email reports to provider</li> <li>➤ Schedule SPLA report by Customer <span style="color: red;">New!</span></li> </ul> |  |
|--|---|--|

## 7.2 Provisioning Features

| Features                        | Supported   |   |
|---------------------------------|---|---|
| <b>Organizations Isolation</b>  | <ul style="list-style-type: none"> <li>• Multiple Authoritative Domains for the exchange organization.</li> <li>• Add/Remove Authoritative Domains for the exchange organization.</li> <li>• Change/Update exchange organization's storage policy.</li> <li>• Change/Update exchange organization's retention policy.</li> </ul>  | ✓ |
| <b>Service Provider Options</b> | <ul style="list-style-type: none"> <li>• Configure default exchange domain for resellers and customers:</li> <li>• Create service plans through service plan wizard. <ul style="list-style-type: none"> <li>○ Limit organizations per plan</li> <li>○ Limit mailboxes per organization</li> <li>○ Limit total disk space per organization</li> <li>○ Limit maximum mailbox size</li> <li>○ Define allowed service protocols such as POP3, OWA, MAPI, IMAP, ActiveSync, per organization</li> <li>○ Define organization's storage policy</li> <li>○ Define organization's retention policy</li> </ul> </li> <li>• Create exchange organizations</li> <li>• Create and manage mailboxes</li> <li>• Create and manage distribution lists</li> <li>• Create and manage Email contacts</li> <li>• Create and manage public folders</li> <li>• Enable/Disable mailboxes</li> <li>• Enable/Disable organizations</li> <li>• Manage organization's storage policy</li> <li>• Manage organization's retention policy, Journaling, In-Place &amp; Litigation Hold under Compliance Management tab. <span style="color: red;">New!</span></li> <li>• Configure default exchange domain for resellers and customers.</li> </ul> | ✓ |

## 7.3 High Level Features

Below are the high level features provided by MachPanel Module for Microsoft Exchange.

- ✓ Exchange detailed Access Template/Permissions for Reseller and Customers.
- ✓ Unlimited (Remote) Servers, Roles and Active Directories
- ✓ Exchange Inventory and Monitoring
- ✓ SPLA and Usage Reports.
- ✓ Manage Exchange Storage.
- ✓ Outlook Profile Download via 4th Level Control Panel: Access for Active Directory Users
- ✓ Self Service Password Reset via 4th Level Control Panel: Access for Active Directory Users
- ✓ State of the art Import Utility for Importing Existing Exchange Users into MachPanel for Management
- ✓ Ability to add User Mailbox, Equipment Mailbox, Room Mailbox and Linked Mailbox types
  - Booking delegates option for Equipment mailboxes
  - Bulk mailbox/users Add and Disable using .csv
- ✓ Ability to Add/Edit and Bulk Add Distribution Lists /Distribution List Members
  - Exchange DL delivery management
  - Feature to Bulk Import Distribution Group Memberships
- ✓ Ability to Add/Edit Contacts.
- ✓ Large Number of 3rd Party Integrations for e.g. **SPAMExpert** integration
- ✓ Ability to Create/Manage Exchange Mailbox Databases.
  - Exchange Databases Management (Mount / Dis-mount the Databases)
  - Move Mailboxes from One database to other.
  - Advanced database management capability
- ✓ Mobile Device Mailbox Policy Management
- ✓ Assign UM policy to a customer/Reseller or associate it with specific organization/Subscription.
- ✓ Hidden Policies from Mailbox Management
- ✓ Public Folder Mailbox Management, Assign Permissions.
  - Allow Posting to External and Internal Users for Public Folders
- ✓ Multiple Disclaimer Supported in Exchange Accounts.
  - Append Preappend Disclimer
  - Using a Prefix (ORG-SID) while adding Exchange disclaimer **New!**
- ✓ Application Impersonation
- ✓ Calendar Permissions Management.
- ✓ Retention Settings, Journaling, In-Place and Litigation Hold Under Compliance Management tab **New!**
- ✓ Mailbox templates Management, Throttling Policy .
- ✓ Mailbox Manager
- ✓ Ability to Import/Export PST, Bulk export PST.
- ✓ Exchange RBAC role group management
- ✓ Export Mailbox Audit Log, Export Admin Logs
- ✓ Recycle Bin, and Recovery of Deleted Mailboxes. **New!**
- ✓ "Sender Policy Framework Address" in Server Group settings **New!**
- ✓ Custom Attribute setting update is allowed under Mail Flow **New!**
- ✓ Exchange Mailbox (es) Migration **New!**
- ✓ Export/import E-Mail-Contacts and Groups **New!**



## 8. Revenue Opportunities with Exchange 2019

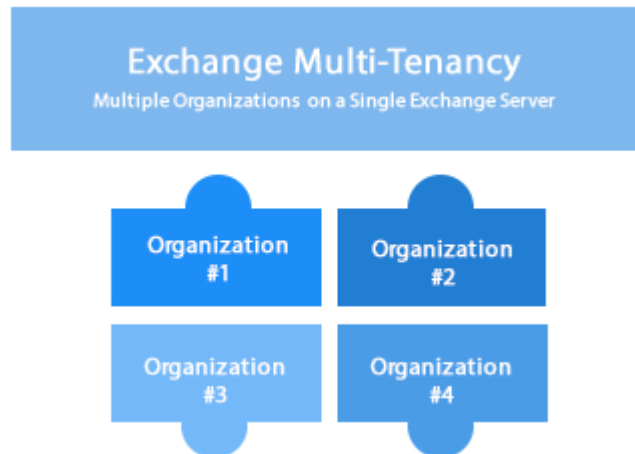
Start earning money through new revenue streams with MachPanel Automation Module for Microsoft Exchange providing complete functionality of Exchange 2019.



## 9. HEE Strengths

### 9.1 Multitenancy

Multiple hosted exchange organizations on single Exchange server is called multi-tenant Exchange hosting. In multi-tenant exchange hosting the address books and organizations should be separated and hidden from each other. **MachPanel Automation Module for Microsoft Exchange** allows you to configure **Microsoft Exchange Server 2019 & legacy versions** with multiple address lists so that different groups of users can have their own address list and secure those address lists so that groups of users can only see their specific list.



### 9.2 Low Upfront Cost

In addition to functional features, MachPanel offers great value for money. It lets you start with minimal number of servers and expand as you grow without any extra cost or investment on the control panel system. Leverage on MachPanel's comprehensive set of features and automate all aspects of business management including service plan designing, online store configuration, provisioning, customer support and system maintenance lowering both software and management staff cost.

## 10. Import Utility

### 10.1 MachPanel Exchange Import Utility

This import utility may be used for various scenarios including:

1. For importing existing Exchange organizations, mailboxes etc. to MachPanel for further management from MachPanel's web based interface. Hence, users who have been using Microsoft Exchange 2019 & legacy versions can easily switch to MachPanel through this Utility without hassle. Following are few attributes which could be imported:
  - a. Hosted Organization Information (OU, Names, etc.)
  - b. Active Directory user accounts
  - c. Exchange mailboxes
  - d. Distribution lists

e. Email Addresses

**Note:** This utility supports **Microsoft Exchange 2013/2016/2019** <sup>New!</sup> and **2010 SP2**.

## 11. Conclusion

MachPanel is not just a traditional web hosting Control Panel but it deals with a broad range of Cloud services along with Traditional Hosting services allowing the ability to extend feature set alongside different enterprise services as well. It provides a one-stop shop solution allowing business entities to exploit optimum revenue by offering enterprise services like hosted exchange. MachPanel fully supports an autonomous multitenant environment at low upfront costs. In addition it is highly flexible and offers import from an array of platforms making it a desirable selection to go for.

## 12. MachPanel Other Products

Machpanel's other products are **MachPanel Automation Module for Microsoft Skype for Business, SharePoint, CRM, CSP, Work Folders, RDS and Hyper-V** etc. It fully automates the service planning, billing, provisioning and management of several Traditional hosted services (Web Hosting) as well as Enterprise Hosting.

Traditional hosting (also known as Shared Web & Data Hosting) is offered by **MachPanel Automation Module for Web Hosting**.





## 13. Useful Resources

We maintain handful of useful resources to allow better support and enhance user experience with our product, making the most of it. You can utilize this supplementary information as per requirement. Just follow the mentioned links for further assistance.

| No# | Documents and Guides               | Links   |
|-----|------------------------------------|---|
| 1.  | Frequently Asked Questions (FAQs): | <a href="http://kb.machsol.com/Knowledgebase/2">http://kb.machsol.com/Knowledgebase/2</a> |
| 2.  | Knowledge Base (KB):               | <a href="http://kb.machsol.com/">http://kb.machsol.com/</a>                               |
| 3.  | Blogs:                             | <a href="http://blog.machsol.com">http://blog.machsol.com</a>                             |

## 14. Contact Us

MachSol is leader in unified automation software that solves business and operational challenges in delivering scalable hosted software in private cloud, public cloud and hybrid cloud environments.

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