

## Introducing MachPanel v.8

# MACHPANEL®



**MachPanel Automation Module for Web Hosting**

- Datasheet – MachPanel Automation Module for Web Hosting

- MachSol Inc.

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# 1. About This Document

This document focuses on **MachPanel Automation Module for Web Hosting**. It deals with MachPanel Provisioning System along with Shared/Traditional hosting and highlights hosted services offered by MachPanel through **MachPanel Automation Module for Web Hosting**. You will be able to decide yourself why MachPanel's Shared/Traditional offerings have a competitive edge over others.

## 2. Key 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)
- MachPanel Cloud Hosting (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 plenty of 3rd party integrations with popular platforms.

## 4. What is MachPanel Automation Module for Web Hosting?

**MachPanel Automation Module for Web Hosting** includes everything a web hosting company needs to run its day-to-day business operations. It helps run a profitable, extensible, and successful web hosting business in well managed way by intelligently using load balanced clusters and latest tools of cutting edge technology.

### 4.1 [Web Hosting Characteristics](#)

It caters to the need of traditional hosting supporting a wide range of features including Billing, Reselling, Management, Help Desk automation using a centralized Control Server. In addition to automation, it provides plenty of 3rd party integrations with popular platforms to support multiple providers.

Pictorial illustration of **MachPanel Automation Module for Web Hosting** for Traditional Hosting.



## **4.2 Supported Providers**

In addition to automation, it provides a plenty of 3rd party integrations with popular platforms to support multiple providers. Below is the list of few providers supported with MachPanel.

### **4.2.1 Domain Registration Providers**

1. DirectI (Logic Boxes)
2. DK Hostmaster Registry
3. Enom
4. Offline Domain Registrar (only for billing)
5. OpenSRS
6. Registry.be
7. RRPproxy
8. RRPproxy EPP
9. SIDN EPP
10. Stargate
11. TransIP domain registrar

### **4.2.2 Services and Providers**

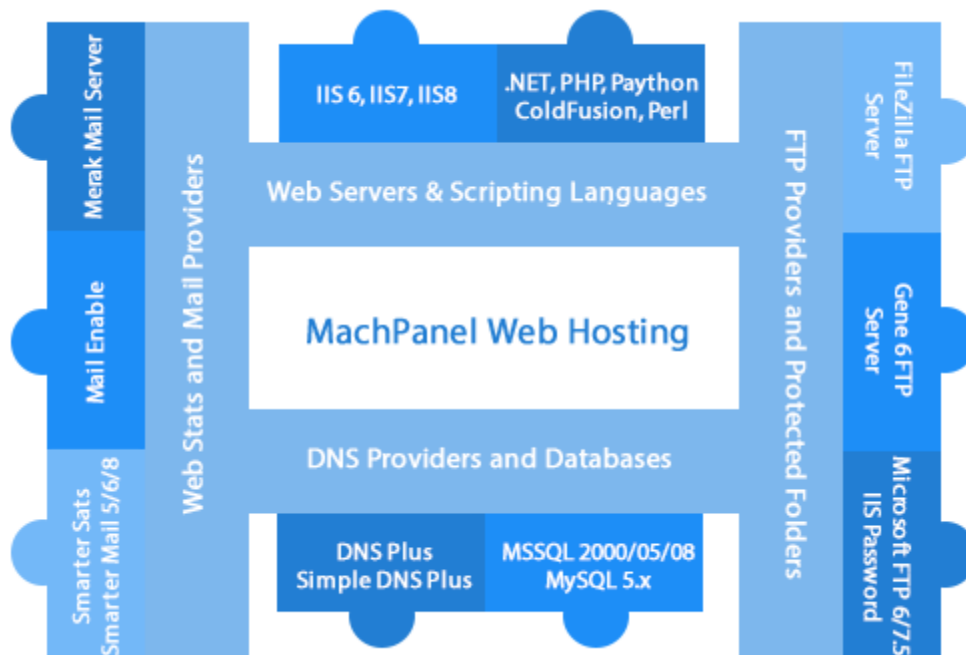
Below is the list of services and their providers which MachPanel Automation Module for WebHosting supports:

1. Web Services
  - IIS 6 Server
  - IIS 7 Server
  - IIS 8 Server
  - IIS 10 Server
2. FTP Services
  - Microsoft FTP 6 Server
  - Microsoft FTP 7/7.5 Server (Windows 2008 or Windows 2012)
  - Microsoft FTP 10 Server (Windows 2016)
  - Gene6 FTP Server
  - Filezilla FTP Server
3. Mail Services

- Mail Enable Server
  - Merak Mail Server 9.2.1
  - Smarter Mail Server 6.x
  - Smarter Mail Server 8.x
  - SmarterMail 11.x/12.x/13.x
4. DNS Services
- Microsoft DNS Server
  - Simple DNS Plus Server
  - Power DNS <sup>New!</sup>
5. Database Services
- SQL Server 2000
  - SQL Server 2005
  - SQL Server 2008
  - SQL Server 2012
  - SQL Server 2014
  - SQL Server 2016
  - MYSQL 5.1 Server
6. Web Stats
- SmarterStats 4
7. Protected Folders
- IIS Password

#### 4.2.3 Traditional Gateway Providers

Folowing traditional gateway providrs are supported by MachPanel Automation Module for Web Hosting:



## 5. Detailed Features List

### 5.1 High Level Features

Below are the high level features of MachPanel Automation Module for Web Hosting:

#### A. MachPanel Features

- ✓ High Performance Windows Based Control Server
- ✓ Unlimited (Remote) Servers, Roles and Active Directories
- ✓ Multi-language and Localization Support
- ✓ Multi-level Management i.e. Service Provider, Reseller and Self-Service Customer Control Panel
- ✓ Fully Private Labeled for Provider, Reseller and End Customer Control Panel
- ✓ Support for Commission based Reseller model, and Subscription Based Reseller Model
- ✓ Fully Load Balanced Control Panel via NLB or any other load balancer
- ✓ High Availability solution encompassing Load Balancing and fault tolerance
- ✓ IP Lock-Down policy for system/staff users.
- ✓ One click backup of MachPanel database from Control Panel Configuration Studio
- ✓ Large Number of 3rd Party Integrations
- ✓ Deploy all service on Single server or Distribute Services on Server Farm
- ✓ SSL Protection and Encryption of Control Panel Communication
- ✓ Secure Encrypted Information exchange between Remote and Control Server
- ✓ Complete Billing, Helpdesk and e-Commerce Center
- ✓ Automatic Setup & Billing Email Notification Manager
- ✓ Built in E-Commerce Store with Fraud Control & Prevention
- ✓ Support for various payment gateways for automatic payment processing
- ✓ Etisalat payment gateway integration added. **New!**
- ✓ PCI Compliance integration for Authorize.Net CIM and PayPal Pro Payflow Edition
- ✓ MachPanel Store API to facilitate providers to completely customize the online web store
- ✓ Quick links to subscription management interfaces on Customer's dashboard
- ✓ Detailed Audit Logs to maintain history of all operation performed via control panel
- ✓ Work flows for various operations
- ✓ Terms and conditions Providers/Resellers
- ✓ Ability to customize skin. Add Custom title on Dashboard. **New!**
- ✓ Supports MailChimp for Mailling Lists
- ✓ Login with ADFS functionality added **New!**

## B. Webhosting Features

- ✓ Sync with primary domain for domain alias. DNS of Domain Alias to be synced with the DNS of primary domain, so that all records in DNS zone of primary domain are automatically created under the zone of Domain Alias.
- ✓ Ability to add same domain name for web hosting account on different servers.
- ✓ Smarter Mail 11 supported in Web Hosting Module
- ✓ TransIP domain registrar integration
- ✓ Hosting accounts, Database Only, Mail Only and DNS only Subscription Management.
- ✓ Upload/Download DB backup with “Database Only” hosting
- ✓ Export to Excel Usage summary and detailed usage.
- ✓ Database Usage Reports <sup>New!</sup>

## 5.2 Supported Features

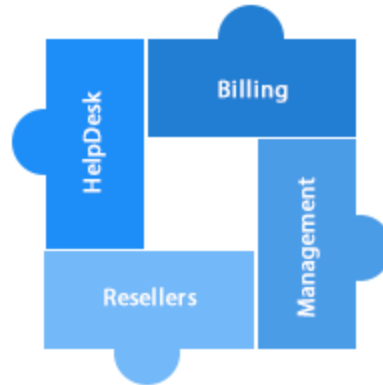
Features		Supported
Service Offering Options	<ul style="list-style-type: none"><li>➤ Offer Service via Service Plans</li><li>➤ Intuitive Service Plan Wizard</li><li>➤ Clone Service Plans</li><li>➤ Manage Feature provisioning through Service Plan</li><li>➤ Group Different Servers under Server Group</li><li>➤ Ability to Provision Services using Separate Service Account</li><li>➤ Selling of Services Based on Server Groups</li><li>➤ Choose from List of Resources and Make them Billable</li></ul>	✓
DNS Handling	<ul style="list-style-type: none"><li>➤ Ability to integrate Multiple DNS Servers as Primary &amp; Secondary</li><li>➤ Auto Generated DNS Records for Web Hosting</li><li>➤ DNS Record Generation based on DNS Templates for each service</li></ul>	✓
Load Balancing	<ul style="list-style-type: none"><li>➤ Supports Website Creation Load Balancing on Per Server Basis</li><li>➤ Set Server and Provider Load Levels</li></ul>	✓
Disk quota & Bandwidth	<ul style="list-style-type: none"><li>➤ Disk Quota and Bandwidth Calculation</li><li>➤ Automatic Suspend Service on Disk Quota and Bandwidth Over use</li><li>➤ Parking Page Creation upon Website Provisioning</li><li>➤ Fully customizable Parking Page</li><li>➤ Suspend Page Creation upon Website Suspension</li><li>➤ Fully customizable Suspend Page</li></ul>	✓
Management overview	<ul style="list-style-type: none"><li>➤ Quick Access to Service Management</li><li>➤ Put on Hold / Suspend Access for Customer/Administrator</li><li>➤ Manage Email and Hosting Independently</li><li>➤ Manage Mail Domains (“Add”, “Remove” additional SMTP Domains)</li></ul>	✓
Hosting	<ul style="list-style-type: none"><li>➤ Assign/De-allocate Dedicated IP for Website</li></ul>	✓

<b>Management</b>	<ul style="list-style-type: none"> <li>➤ Manage Website Settings (Permissions, Web Authentication, Application Pool &amp; Performance)</li> <li>➤ Manage Default Documents (Add, Remove, Move Up, Move Down)</li> <li>➤ Manage URL Redirection (Home Folder, HTTP Redirect)</li> <li>➤ Manage Custom Errors (Edit, Set IIS Default Template)</li> <li>➤ Manage MIME Types</li> <li>➤ Manage Virtual Directory</li> <li>➤ Manage Scripting (ASP, ASP.Net, PHP, Perl, Python, ColdFusion)</li> <li>➤ Manage FTP Users</li> <li>➤ Manage Web Stats</li> <li>➤ Manage DNS</li> <li>➤ Manage Protected Folders</li> </ul>	
<b>Database Management</b>	<ul style="list-style-type: none"> <li>➤ Manage databases</li> <li>➤ Manage ODBC DSN</li> </ul>	✓
<b>Email Management</b>	<ul style="list-style-type: none"> <li>➤ Turn Off/On Mail Domain</li> <li>➤ Add/Remove Mail Domain Alias</li> <li>➤ Add/Remove Email Accounts</li> <li>➤ Add/Remove Email Lists</li> <li>➤ Add/Remove Email Groups</li> <li>➤ Modify Properties of Mailbox for Each Mailbox Individually</li> <li>➤ Change Mailbox Size</li> </ul>	✓

## 6. MachPanel Automation Module for Web Hosting Strengths

- **Run Multiple Services on Single Server:** One of the strength of MachPanel Automation Module for Web Hosting is that it can run multiple services (e.g. Mail service, FTP service, DNS etc.) on a single server without any fuss.
- **Run Multiple Services on Multiple Servers:** This is not it. In case, services like FTP, Web, DNS, Database, Mail, and WebStats are deployed on different servers, MachPanel Automation Module for Web Hosting is fully capable to manage all these services (at multiple servers).
  - Managment
  - Reseller hosting support
  - Billing system for provider and resellers
  - Helpdesk system for provider and resellers





- **Intelligent Load Balancing:** It allows provisioning on large server farms in a load-balanced manner. For example, MachPanel intelligently balances load between web servers in case of multiple web servers. Load balancing may vary depending upon the supported techniques (Step by Step or Least filled first).

**MachPanel Automation Module for Web Hosting** lets you start with minimal number of servers and expand as you grow without extra cost or investment on the control panel system.

## 7. MachPanel Other Products

MachPanel's other products are **MachPanel Automation Module for Microsoft Exchange, CRM, SharePoint, Skype4B, CSP** and **Hyper-V**. It fully automates the service planning, billing, provisioning and management of Enterprise Hosting.



## 8. 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>

## 9. 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.

### US Office

#### MachSol, Inc.

21520 Yorba Linda Blvd, Ste G-451

Yorba Linda, CA 92887

United States of America

**Toll free:** +1 (877) 622-4765

**Phone:** +1 (949) 309-2710

### Europe Office

#### MachSol B.V.

Evert v/d Beekstraat 310

1118 CX Schiphol

Netherlands

**Phone:** +31 (88) 622-4765

