

Introducing MachPanel v.7

MACHPANEL®



MachPanel Automation Module for Microsoft RDS

- Datasheet - MachPanel Automation Module for Microsoft RDS

- MachSol Inc.

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1. About This Document

This document focuses on **MachPanel Automation Module for Microsoft Remote Desktop Service (RDS)**. An overview of MachPanel Provisioning System along with Cloud/Enterprise hosting is presented. The document highlights how MachPanel employs Cloud/Enterprise hosting and offers hosted RDS service through **MachPanel Automation Module for RDS**. 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.

4. What is MachPanel Automation Module for Microsoft RDS?

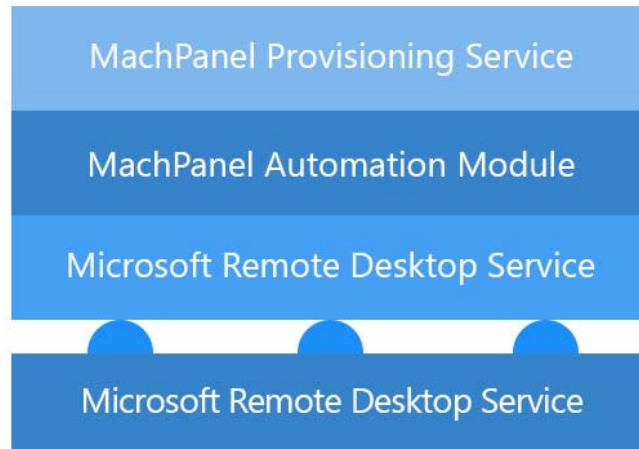
MachPanel Automation Module for Microsoft RDS allows service providers to experience presentation virtualization and virtual desktop infrastructure (VDI) technologies. Remote Desktop Services provides server-hosted access to Windows-based applications and desktops. Now you can offer your clients RDS Hosting with tremendous benefits and robust management controls that maximize your revenue. **Microsoft Remote Desktop Services 2016** allows organizations to centrally manage and control access to applications as well as allows access to customers, enabling you to deliver more advanced capabilities to your business for increased IT efficiency and agility.

It can easily fit into customer's existing IT environments, leveraging their existing provisioning, management, support tools, processes, and skills. With **MachPanel Automation Module for RDS** you can make use of other Microsoft technologies right in one place beyond traditional web hosting.

5. Service Architecture

MachPanel supports latest Microsoft Remote Desktop Service. Now, avail the opportunity of increased hardware utilization, optimized business infrastructure, and improved server availability with **MachPanel Automation Module for Microsoft RDS**.

Below is the service architecture for MachPanel Automation Module for RDS server:



6. Detailed Features List

MachPanel Automation Module for Microsoft RDS offers a wide range of functionality. Following features are available to service providers who have purchased **MachPanel Automation Module for Microsoft RDS** .

6.1 Features at a Glance

MachPanel Automation Module for Microsoft RDS key features are highlighted in the table below:

Key Features	Status
RDS Provisioning and Management Controls	✓
RDS Organization & AD Users Management	✓
Security Groups Management	✓
Policies Management	✓
User Settings Management	✓
RDS Service Plan Management	✓

6.2 High Level Features:

MachPanel Automation Module for RDS allows you to benefit from a wide range of features including:

A. MachPanel Features

- High Performance Windows Based Control Server
- 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
- Secure Encrypted Information exchange between Remote and Control Server
- 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
- Reduce support queries to more than 80%.
- 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
- Safer Pay 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
- 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 Mailing Lists
- Login with ADFS functionality added **New!**

B. **RDS Features**

- Unlimited (Remote) Servers to manage unlimited RDS Servers
- Automate RDS provisioning, management and billing
- Dedicated resources can be allotted to each RDS with few clicks
- Ability to Add/Edit/Remove Active Directory Users, Security Groups
- Single Sign-in RDS is tightly coupled with Cloud Folders and allows for a single sign in option with other Microsoft Services like SharePoint, Exchange, Skype4B etc.
- Multi-tenant / segregation support enable better collaboration for multiple Remote desktop clients and multiple RDS Servers groups per RDS collection.
- Stay in control of your environment by Adding or removing RDS servers and RDS Session collections.
- Manage applications form the cloud with Remote application management (add/remove) via virtual desktop collections.
- Manage Users and their sessions you can send messages to users, check session state, view session and check for related host servers.
- Manage User experience with options like Lock screen timeout, Drive Space Threshold, Disable Task Manager, Disable Screen Saver and many more.
- Detailed server session settings you can manage Session settings, individual client settings and security settings.
- With a professional team of experts, Remote Desktop Services are deployed on your organization in the most reliable manner.

- RDS handling in WHMCS integration. ^{New!}

6.3 Supported Features

Following is the list of supported features of MachPanel Automation Module for RDS:

Features		Supported
Active Directory Management	<ul style="list-style-type: none"> ➤ Manage RDS servers using single Active Directory Service Account 	✓
Service Offering Options	<ul style="list-style-type: none"> ➤ Intuitive Service Plan Wizard ➤ Clone Service Plans ➤ Group RDS Servers under Server Group ➤ Ability to Provision Service using Separate Service Account ➤ Selling of Services Based on Server Groups ➤ Offer Service via Service Plans ➤ Choose from Resources like Session Collections, Virtual Desktop Collections Pooled, Virtual Desktop Collections Personal, TS Gateway Policies, Published Apps and Make them Billable ➤ Bundle all Resources in a Single Service Plan Offering ➤ Sell services via Add-ons 	✓
RDS Organization	<ul style="list-style-type: none"> ➤ Provision New RDS Organizations ➤ Active Directory Organization Management ➤ Active Directory Users Management ➤ Update Bulk Users ➤ Security Groups Management ➤ View Group Actions 	✓
Policies	<ul style="list-style-type: none"> ➤ Add/Remove Policies 	✓
User Settings	<ul style="list-style-type: none"> ➤ Add/Remove User Settings 	✓

7. Strengths of Automation Module for Microsoft RDS

MachPanel meets the needs of your Business for Remote Desktop Services Business Management Platform

7.1 Showcase, Bundle and Sell

With MachPanel you can showcase, bundle and sell multitenant RDS services via customized storefront and stay in control of all plans and subscriptions to leverage the benefits of the robust platform.

7.2 End to End Automation

Enrich your business with smooth RDS experience with end-to-end automation and multiple client sessions service delivery experience. The robust platform provides end to end multi tenancy and provisioning of RDS services to handle multiple sessions at the same time efficiently.

7.3 Easy Billing

Get a simplified billing experience along with consolidated invoicing all in one place via MachPanel for multitenant RDS Services. You can opt for Direct billing and leverage all the financial operations related to provisioning of RDS services.

7.4 Self Service Portal

With a self-service portal managed in the cloud, multitenant RDS services can be requested and managed with full control. Provisioning and management of various requests for multiple client sessions is simplified via MachPanel.



8. Cloud Hosting through MachPanel

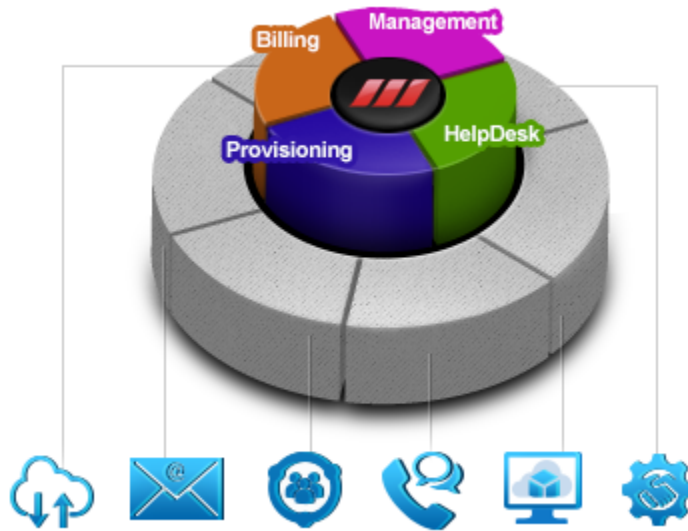
In addition to Traditional Hosting, Cloud hosting is a vital and powerful feature that MachPanel possesses. It allows various Enterprise solutions for broad Cloud Hosting Services that include:

- 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



9. MachPanel Other Products

MachPanel's other products are **MachPanel Automation Module for Microsoft Exchange, CRM, SharePoint, CSP, Work Folders, Hyper-V and Skype for Business** 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 WebHosting**.



10. 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):	http://kb.machsol.com/Knowledgebase/2
2.	Knowledge Base (KB):	http://kb.machsol.com/
3.	Blogs:	http://blog.machsol.com

11. 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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