



MODULE	CATEGORY	FEATURE	DESCRIPTION	2011 (6.0)	2009 (5.0)	2007 (4.0)	2005 (3.0)	
Task Automation	Automation	Teams	Agents may be grouped in teams, simplifying the environment.	•	•	•	•	
		Nesting	Teams can be assigned as team member, allowing nesting.	•	•			
		Rules	If a team rule matches with a new agent, the agent will automatically be added to the team.	•	•			
		Automatic Job Scheduling	A project, or a single module, can be scheduled for automatic execution on agents that are added to a team or on agents that are removed from a team.	•	•			
		Conditions and Evaluators	Conditions and Evaluators allow you to build intelligent tasks.	•				
		Parameters and Functions	Parameters can be used as the input for credentials and other text based properties of tasks and queries. Functions can be used to generate (partial) input for text based properties of tasks and queries. Enables creation of generic tasks.	•	•	•		
		Resource Packages	Contains multiple files and folders, but is treated as a single resource. It is typically used for installing software that is not contained in a single file setup (such as Microsoft Office).	•	•	•	•	
		Reveal Changes	History of recurring queries will reveal changes by comparing results with previous results. This allows tracking of changes in installed applications, printer drivers, services, shares and more.	•	•	•		
		Embedded Deployment	Agents can be deployed using images for new computers.	•	•	•	•	
		Snapshot Intelligence	Snapshot Intelligence allows RES Automation Manager to detect when a snapshot has been applied on an agent, and will automatically change that agent's change history so that it once again matches the agent's actual state.	•	•			
	Tasks	Advanced	Command (Execute)		•	•	•	•
			E-mail (Send)		•	•		
			Hosts (Discover)		•	•	•	
			Job (Postpone)		•			
			Message Box (Show)		•	•	•	
			Parameters (Query)		•	•	•	
			RES Automation Manager Component (Deploy, Repair, Remove)		•	•	•	
			RES Automation Manager Dispatchers (Discover)		•	•	•	
			Secure Shell (SSH) Commands (Execute)		•	•		
			SNMP Trap (Send)		•			
			SQL Statement (Execute, Query)		•	•		
			Wait (Perform)		•	•		
		Windows PowerShell Script (Execute)		•	•			
		Configuration	Computer Properties (Manage, Query)		•	•	•	•
			Environment Variables (Set, Delete, Query)		•	•	•	
			Files (Perform Operations)		•	•		
			Files (Query)		•	•	•	•
			Microsoft Product Key (Set, Query)		•	•	•	
			Printer (Add, Remove, Query)		•			
			Printer Driver (Add, Remove, Query)		•	•	•	
			Registry Settings (Apply, Query)		•	•	•	•
			Remote Terminal Server Logons (Change, Query)		•	•	•	
			Service Properties (Manage, Query)		•	•	•	•
Share (Add, Remove, Query)			•	•				
TCP/IP Properties (Query)		•	•	•	•			
Windows Shell (Set Query)		•	•	•	•			



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Task Automation (cont'd)	Tasks (cont'd)	Security	Baseline Security (MBSA) (Query)	•	•	•	•
			Certificate (Import, Delete, Query)	•	•	•	
			File Permissions (Set, Query)	•	•	•	
			Local Group (Create, Manage, Delete, Query)	•	•	•	
			Local User (Create, Manage, Delete, Query)	•	•	•	
			Microsoft Update (Install)	•	•	•	•
			Printer Permissions (Set, Query)	•			
			Registry Permissions (Set, Query)	•	•	•	
			Share Permissions (Set, Query)	•	•	•	
		Windows Firewall Settings (Manage, Query)	•	•	•		
		System State	Citrix Published Applications (Query)	•	•	•	
	Computer (Reboot, Shutdown, Inventory, Uptime)		•	•	•	•	
	Disk Fragmentation (Defragment, Analyze)		•	•	•		
	Disk Space (Query)		•	•	•	•	
	Event Logs (Query)		•	•	•	•	
	Installed Programs (Query)	•	•	•	•		
	Management	Advanced Job Scheduling	Schedules a module or project to be executed on a group of computers.	•	•	•	•
			Workspace Manager Integration	Enables Workspace Composer to invoke jobs, ranging from application installation to configuring computers.	•	•	
		Remote Console	Both the agent and the console will initiate an outgoing IP connection to the dispatcher. RES Automation Manager will use Microsoft's Remote Desktop Protocol (RDP) to set up the Remote Console by launching the RDP-client.	•	•	•	
		Security Roles	Security Roles specify the access rights of the login account to the management console tree. This allows for a more granular delegation of control in the management console.	•	•	•	
		Audit Trail and Job History	Tracks all changes made and actions performed in or by RES Automation Manager.	•	•	•	•
		Reapply Job History	Reapply the entire job history of an agent or team to another agent or team.	•	•		
Instant Reports		Documents any part of RES Automation Manager with a single click.	•	•	•	•	
Export Job Results		Allows (detailed) export of results of a job to XML.	•				
Building Blocks	Building Blocks make it easy to transport modules, resources, and projects from one RES Automation Manager environment to another. Building Blocks are XML files that contain all data concerning modules, resources and projects.	•	•	•			
Resource Provisioning	Provisioning	Run Books	Run books consist of a chain of jobs that is executed in turn, possibly on different agents. Each job in a run book will wait for the previous one to complete.	•	•		
	Tasks	User Provisioning	Active Directory Computer (Create, Manage, Delete, Query)	•	•		
			Active Directory Group (Create, Manage, Delete, Query)	•	•		
			Active Directory Object (Move, Query)	•	•		
			Active Directory Organizational Unit (OU) (Create, Manage, Delete, Query)	•	•		
			Active Directory User (Create, Manage, Delete, Query)	•	•		
			Exchange Mailbox (Create, Manage, Move, Export, Delete, Query)	•	•		
		App/Computer/System Provisioning	Citrix Workflow Studio (Invoke)	•			
			Microsoft App-V Client (Invoke, Query)	•	•	•	•
			RES Workspace Composer (Refresh)	•	•	•	
			Resource (Download)	•	•	•	•
	Unattended Installation (Perform)	•	•	•	•		
	VMware ESX Virtual Machine (Create, Manage, Delete, Snapshot, Query)	•	•				
	Windows Installer Package (Install, Repair, Patch, Remove)	•	•	•	•		



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Resource Provisioning (cont'd)	Management	Command Line Job Execution	Enables third-party tools to execute jobs in RES Automation Manager.	•	•			
		Workspace Manager Integration	Enables Workspace Composer to invoke jobs, ranging from application installation to configuring computers.	•	•			
		Security Roles	Security Roles specify the access rights of the login account to the management console tree. This allows for a more granular delegation of control in the management console.	•	•	•		
		Audit Trail and Job History	Tracks all changes made and actions performed in or by RES Automation Manager.	•	•	•	•	
		Instant Reports	Documents any part of RES Automation Manager with a single click.	•	•	•	•	
		Advanced Job Scheduling	Schedules a module or project to be executed on a group of computers.	•	•	•	•	
		Input Job Parameters from File	Allows bulk changes to be automated in a job based on a comma delimited file (e.g. for creating a batch of user accounts).	•	•			
Service Orchestration	Orchestration	Identity Warehouse	Central configuration of all identity/ organizational information.	•				
		Service Catalog	Personalized catalog of available IT services, that are provisioned automatically or subscription based.	•				
		Qualification	Qualification rules based on Criteria, Dependencies and Restrictions.	•				
		Workflow	Delivery and return workflow with exception paths.	•				
		Self Servicing	End user application for self-services for Web, Windows, Apple iPhone and Apple iPad.	•				
		Orchestration Diagnostics	Detailed information about impact of a configured item.	•				
		Transaction Engine	Inferencing engine, that is responsible for classification for IT services.	•				
	Workflow Actions	Workflow Related	Triggers		•			
			Postpone Transaction		•			
			Set Person Attribute		•			
			Set Service Attribute		•			
			End Workflow		•			
		User Interaction	Approve Transaction		•			
			Perform Tasks		•			
			Provide Information		•			
			Refresh User Workspace		•			
	Integration	Data Readers (AD, ODBC, CSV)	Send Message		•			
			Data Readers (AD, ODBC, CSV)	Central place to define all external data sources for the Identity Warehouse.	•			
			E-Mail Integration	Allows notification about actions through email, instead of end-user application.	•			
			Third-Party Integration	RES Workspace Manager integration through the Catalog Service.	•			
Invoke Resource Provisioning			Allows IT professional to invoke an RES Automation Manager run book from a workflow.	•				

About RES Software

RES Software, the proven leader in dynamic desktop solutions, is driving a transformation in the way organizations manage, maintain and reduce the cost of their desktop infrastructure. The RES Software award-winning, patented products enable IT professionals to manage and deliver secure, personalized and compliant desktops independent of the underlying computing infrastructure – thin clients, virtual desktops, physical desktops, or server-based computing environments. The company empowers customers, from small to medium-sized businesses to global enterprises, to reduce desktop complexity and meet the essential needs of a dynamic workforce that requires on-demand access to their personalized workspaces.

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