

# Extend Operations Managers Reach

## PowerWF Highlights

- Wizard based authoring of Management Packs.
- Visual and traditional scripting of every installed PowerShell Module.
- Create PowerShell based workflows without learning PowerShell syntax, concepts or commands.
- Complete suite of debugging tools.
- Create Operations Manager agents from PowerShell scripts and PowerWF workflows.
- Cross-vendor, 3<sup>rd</sup> Party and legacy system monitoring.
- Deploy Management Packs directly from PowerWF to System Center.

## For More Information

Visit [PowerWF.com](http://PowerWF.com)

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## Create Management Packs with PowerWF

### Turn any PowerShell script or PowerWF workflow into an Operations Manager Management Pack and Agent.

Since its introduction, Microsoft® System Center Operations Manager has made it very easy to monitor every Microsoft product within your infrastructure. Unfortunately the difficulty or expense often limits the ability to monitor 3<sup>rd</sup> party, legacy and cross-vendor solutions.

A number of vendors and consultants have stepped up to create custom management packs and agents for specific applications, but these tend to be expensive, lack customization, and focus only on larger vendors.

### PowerWF Approach

PowerWF Studio takes a different approach by dynamically creating management packs based on observed data structures and utilizing a step-by-step wizard. PowerWF lets scripters and non-scripters work together in a visual development environment to create data collection workflows and publish data to Operations Manager.

PowerWF Studio leverages the extensive PowerShell community and turns every PowerShell Snapin, CMDLET, and Module into tool box items that can be used to create powerful workflows. Even homegrown and third party PowerShell Modules and CMDLETs are treated as first-class citizens in PowerWF.

PowerWF includes a PowerShell interpreter that can convert existing PowerShell scripts into workflows which can then be extended using both PowerShell and non-PowerShell activities. Workflows can be tested directly from PowerWF using a full suite of debugging tools, including Break-Points and Tracking. Workflows can even be executed one step at a time.

## Technologies

Microsoft System Center -  
Operations Manager  
Windows Workflow  
PowerShell  
PowerWF Studio  
PowerWF Agent

# PowerWF Studio – Visual PowerShell

## Deploying to System Center

Once a workflow has been created, it can be deployed to System Center using the Management Pack Creation Wizard. The wizard allows you to specify the Class Definition, Performance Counters, and Threshold values.



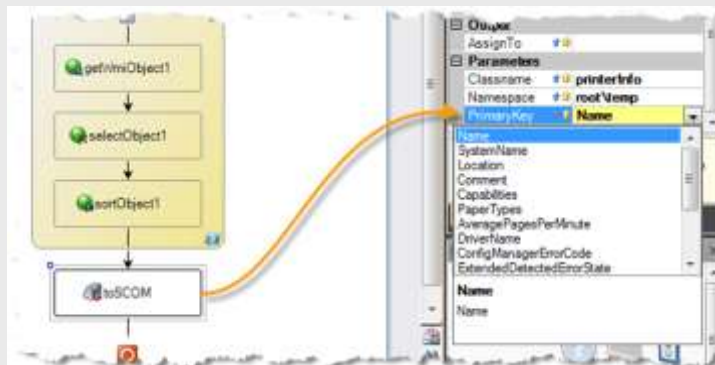
Create Threshold Rules using a simple wizard.

The wizard can save the management pack it creates locally or can deploy them directly to System Center. Schedule the workflow to run on the PowerWF Agent and publish the data to Operations Manager.

## Monitor Everything

PowerWF Studio extensive toolboxes of PowerShell modules make it possible to monitor virtually anything. Collect data using everything from web services and SQL™ calls to custom API calls and event log monitoring. PowerWF's Data Mashup libraries massage the data into just the right structure. Add a single activity to publish the results to Operations Manager.

It really is that easy to monitor 3<sup>rd</sup> party applications, cross vendor systems and even legacy systems.



Sample workflow collecting data via WMI and pushing that data to Operations Manager

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