

# IPM 2 Editions

## Benefits and Features



Powering Business Worldwide

# IPM Monitor, IPM Manage & Optimize Editions (IPM 2.x)

Features	Monitor	Manage	Optimize	Benefits & Details
<b>Contextual visibility of power metrics &amp; constraints</b>				<b>Enable IT administrators to easily understand key power and environmental constraints within the context of their IT environment.</b>
Dashboard view	✓	✓	✓	Visibility of data center level composite metrics and alarms including : <ul style="list-style-type: none"> <li>Power usage, 24 hour, 7 day and 30 day usage trends</li> <li>Active alarms panel</li> <li>Data center uptime metric</li> </ul>
Data center centric monitoring view	✓	✓	✓	Power chain overview including : <ul style="list-style-type: none"> <li>Rack level power usage composite metrics</li> <li>Data center topology with rack, row, &amp; room level grouping</li> <li>Calculated data center phase balance for 3 phase deployments</li> <li>Active alarms panel</li> <li>Total data center power consumption graph with preset and custom periods</li> </ul>
Device centric monitoring view	✓	✓	✓	<b>Individual power device centric monitoring</b>
Rack view	✓	✓	✓	Rack view - where IT and Power meet : <ul style="list-style-type: none"> <li>Total rack consumption composite metric</li> <li>Feed balance visualisation</li> <li>Outlet and outlet group level monitoring (with MO &amp; MA rack PDUs)</li> <li>Active alarms panel</li> <li>Total rack power consumption graph with preset and custom periods</li> </ul>
Environmental view	✓	✓	✓	Environmental view including: <ul style="list-style-type: none"> <li>rack average input temperature &amp; humidity composite metrics</li> <li>row average input temperature &amp; humidity composite metrics</li> <li>data center average input temperature &amp; humidity composite metrics</li> </ul>
Facility & IT asset management	✓	✓	✓	Simple asset management including: <ul style="list-style-type: none"> <li>Asset create/modify/delete</li> <li>Data center topology &amp; power chain management Deployment date</li> <li>Battery installation, maintenance &amp; warranty expiration tracking"</li> </ul>
Virtual IT asset monitoring	✗	✓	✓	Monitor the current state of your virtual infrastructure and use in automation plans with out of the box connectors
<b>Monitoring of Eaton &amp; many 3rd party power devices</b>				<b>Single pane of glass solution for power infrastructure &amp; environmental monitoring as well as for business continuity plan implementation in heterogeneous data center environments</b>
Eaton UPSs, rack PDUs & ATSs	✓	✓	✓	Provide contextual visibility of power and environmental constraints & define business continuity automation triggers with the Manage or Optimize Editions
3rd party UPSs, rack PDUs & ATSs	✓	✓	✓	Monitor select 3rd party devices and define business continuity automation triggers from select 3rd party devices with the Manage or Optimize Editions
<b>Manage &amp; update Eaton power devices</b>				<b>Simplify configuration management across the network for large installed base deployments of Eaton power devices</b>
Mass configure Eaton power devices (UPS, PDU, ATS)	✗	✓	✓	Deploy common configuration settings across multiple Eaton power devices
Mass upgrade Eaton power devices (UPS, PDU, ATS)	✗	✓	✓	Upgrade UPS card firmware over the network
<b>Simple Wizard based automation configuration</b>				<b>Get running fast. Create IT automations and rollback sequences quickly and easily</b>
Graphical automation wizard	✗	✓	✓	Create business continuity automations for groups of devices in minutes
Trigger automations on power & environmental events	✗	✓	✓	Create power & environmental event business continuity automations for groups of devices
Trigger roll-back automations on error or on the state change of the initial trigger	✗	✓	✓	Ensure the graceful sequential shutdown and restart of infrastructure

# IPM Monitor, IPM Manage & Optimize Editions (IPM 2.x)

Features	Monitor	Manage	Optimize	Benefits & Details
<b>Basic business continuity automations with host level actions</b>				<b>Automate protection of your IT environment with host level actions</b>
Protected Servers and Virtual Hosts (agentless)	✗	✓	✓	Gracefully shutdown servers
Control PDU outlets	✗	✓	✓	Enable automation based control of ePDU outlets (individually or by device)
Custom script execution	✗	✓	✓	Upload custom scripts in BASH, Python or PERL for use in automations
Create advanced composite events with boolean logic	✗	✓	✓	Use custom user defined events in configuration policies
Execute SSH action	✗	✓	✓	Easily configure custom actions on any SSH enabled device
Shutdown storage controllers	✗	✓	✓	Remotely shutdown select storage devices

<b>Define advanced business continuity automations with VM &amp; cluster level actions</b>				<b>Automate protection of fully virtualized HA clusters &amp; HCI environments with advanced actions</b>
Target VM level actions on individual VMs, groups of VMs or automatic groups of VMs	✗	✗	✓	Target individual VMs, groups of VMs or automatic groups of VMs with VM level actions
Target cluster level actions including on hyper converged & vSAN environments	✗	✗	✓	Perform graceful cluster level shutdowns including with vSAN and Stretched vSAN environments
Sequential VM load shedding	✗	✗	✓	Sequentially shutdown IT loads by business criticality
Shutdown VMware vApp	✗	✗	✓	Gracefully shutdown multiple VMs using VMware vApp objects
Nutanix Acropolis shutdown	✗	✗	✓	Gracefully shutdown Nutanix Acropolis clusters

<b>3rd party IT solution connectors</b>				<b>Simple, point and click integration to leading IT platforms</b>
VMware vCenter	✗	✓	✓	Create business continuity automations to protect your vCenter clusters
VMware ESXi	✗	✓	✓	Create business continuity automations to protect individual ESXi servers
VMware vSAN & vSAN Stretched	✗	✗	✓	Create business continuity automations in both vSAN and vSAN Stretched Cluster environments
VMware SRM	✗	✗	✓	Create business continuity automations that trigger pre-defined Site Recovery Manager plans
VxRail	✗	✗	✓	Gracefully shutdown your VxRail HCI cluster with IPM fully virtualized. Requires a Gigabit Network card.
Microsoft Hyper-V	✗	✓	✓	Create business continuity automations to protect Hyper-V servers or clusters
Microsoft SCVMM	✗	✓	✓	Create business continuity automations to protect Hyper-V environments via SCVMM
NetApp Storage	✗	✓	✓	Trigger the shutdown of NetApp storage devices in your business continuity automations
HPE OneView	✗	✓	✓	Create business continuity automations to power cap HPE servers or groups of servers via OneView & iLO
Nutanix Acropolis	✗	✓	✓	Create business continuity automations to protect Nutanix Acropolis clusters

<b>Technical &amp; integration</b>				<b>A modern application that just works in your environment</b>
HTML 5 user interface	✓	✓	✓	Modern HTML 5 & Angular 11 web application
LDAP & MS Active Directory integration	✓	✓	✓	Integrate with your corporate LDAP or Microsoft Active Directory infrastructure
Office 365 email integration	✓	✓	✓	Integrates with Office 365 email service
Gmail integration	✓	✓	✓	Integrates with Gmail email service