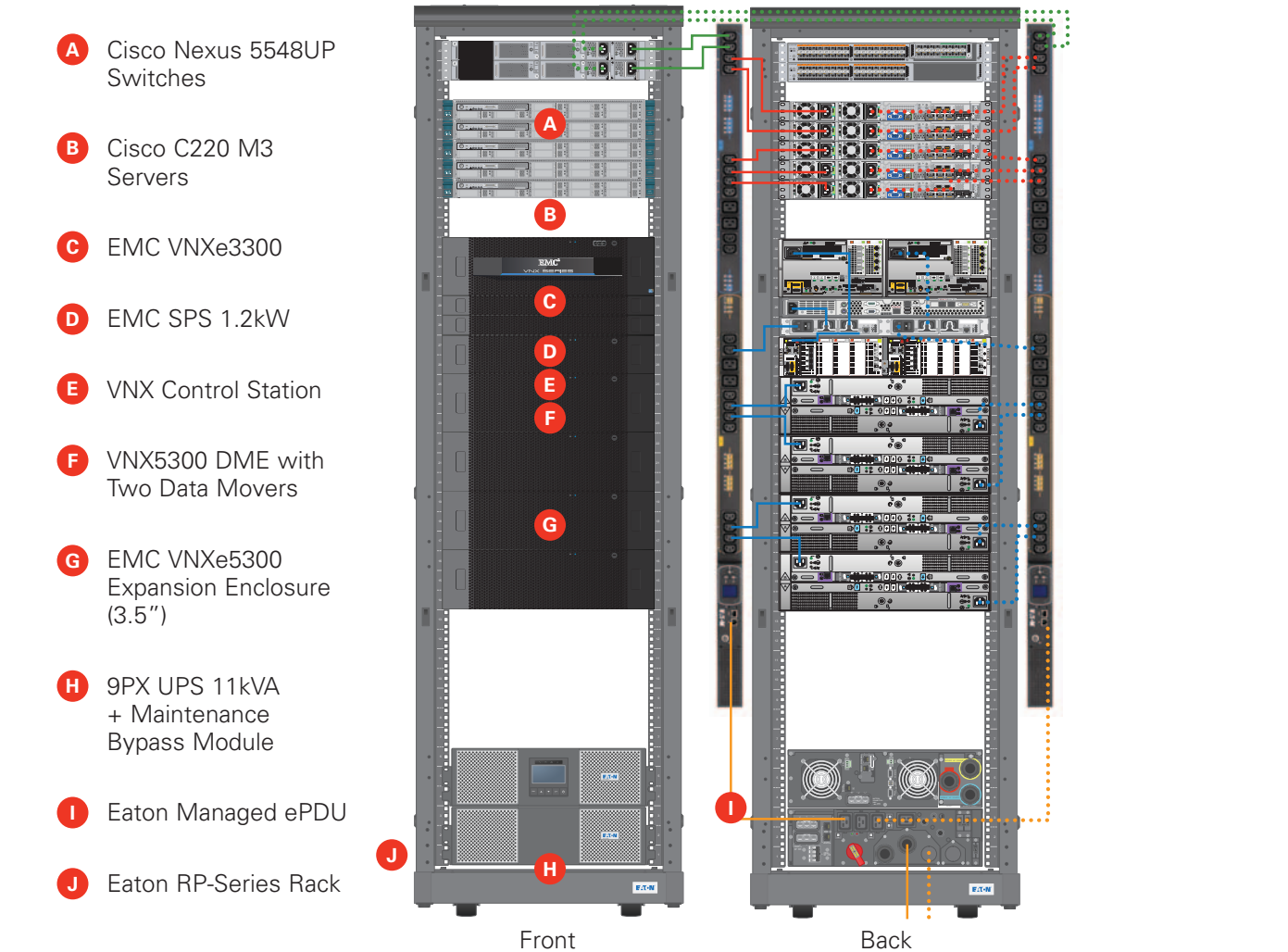


Private Cloud – 125 Virtual Machines



EATON PRE-CONFIGURED EMC CONVERGED INFRASTRUCTURE SOLUTIONS

Components	Quantity	Description	Power Draw (Watts)		Power Connection	U Space	
			Per Supply (Max)	Solution Total		Per Unit	Solution Total
VMware 125 Virtual Machines							
Servers	5	Cisco C220 M3 Servers	450	2250	C13/14	1	5
Adapters	5	Cisco UCS P81E VIC per server	N/A	–	N/A	–	–
Network Switches	2	Cisco Nexus 5548UP switches	600	1200	C13/14	1	2
Virtual Switch	1	Cisco Nexus 1000v	N/A	–	N/A	–	–
Storage	1	EMC VNX5300	455	455	C13/14	3	3
	4	EMC VNXe5300 Expansion Enclosure (3.5")	235	940	C13/14	3	12
	1	VNX5300 DME w/2 Data Movers	390	390	–	2	2
	1	VNX Control Station	104	104	–	1	1
	1	EMC SPS 1.2kW	40	40	C13/14	1	1
Network Speed	–	10 GE	N/A	–	N/A	–	–
Hypervisor	–	VMware ESXi 5.0	N/A	–	N/A	–	–
			Total Power	5379		Grand Total	26

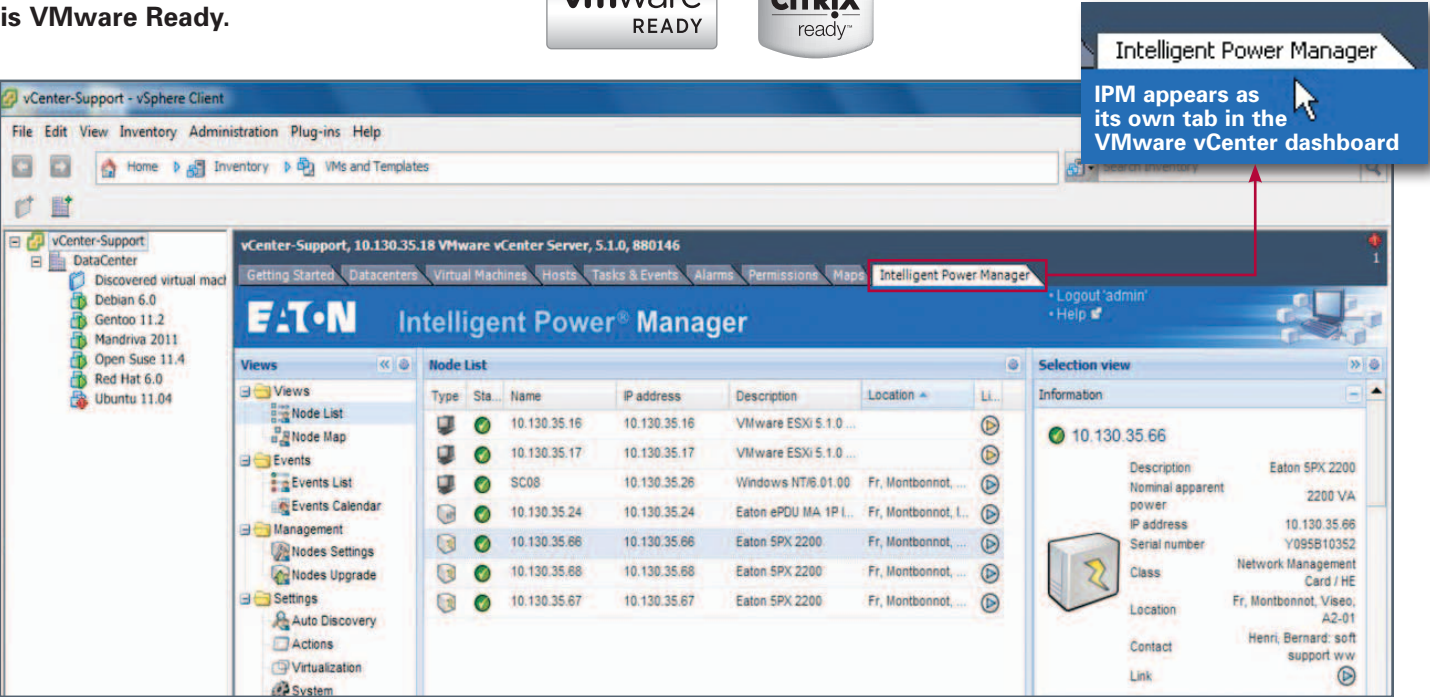
Eaton solution	Quantity	Description	Part Number
UPS	1	9PX 11000 Network Ready UPS	9PX11KIRTNBP
EBM (not shown)	1	Optional 9PX EBM – extends runtime to 20 minutes	9PXEBM240 + 9RK
Rack	1	RP-Series Rack – 600mm x 1000 mm	P1PCP1
ePDU	2	Eaton Managed ePDU	eMAA12
EMP	1	Environmental Monitoring Probe	EMP001
IPM	Free	Intelligent Power Manager	Download at eaton.eu/virtualisation

U Space	
	6
	3
	0
	0
	0
Solution Total	40

How Eaton fits into the virtual landscape

Eaton’s solutions integrate seamlessly into VMware’s vCenter and Citrix’s XenCenter dashboards. Our products provide not only the reliability and flexibility you need to adapt to an ever-changing virtual infrastructure, but they are also backed up with software that expands the capabilities of your virtual environment.

Eaton’s Intelligent Power Manager is VMware Ready.



Eaton integration with virtual environments:

	VMware	Citrix	Microsoft
Shutdown virtual machines	★	★	★
Trigger live migration	★	★	★
Manage virtual machines and power through a single pane of glass	★	★	
Real-time notification of power outages	★	★	★
Virtual desktop infrastructure integration	★	★	
Shutdown a host in a cluster without installing software on each host	★	★	
Virtual appliance	★	*	*
Disaster avoidance, recovery site backup	★		
Cost	Free up to 10 nodes (UPS or ePDU)		

* OVF compliant; fully tested on VMware

Eaton also:

- Offers Cisco Energywise Certified products
- Offers open-source solutions
 - Key contributor to NetworkUPS tool project (NUT)
 - Open Virtualization Alliance member
 - Eucalyptus and Debian partners



To learn more about Eaton’s virtualisation solutions please visit:
www.eaton.eu/virtualisation