



Solution brief

HP ProCurve Open Network Ecosystem (ONE)

HP ProCurve
ONE

Improving competitiveness while limiting complexity

Your business is constantly seeking ways to improve competitiveness through new technologies, leading to the introduction of an array of new software applications or appliances into your enterprise. Meanwhile, consolidation initiatives are reducing the number of your discrete systems onto fewer platforms, utilizing virtualization to make better use of a fixed set of resources.

These two trends provide IT managers with a challenge. You need the flexibility to support your organization's needs for new applications, but you also need to limit the number of platforms to control the complexity of managing your network. You also don't want to become limited by an investment decision for a particular platform, which will constrain your company's agility and ability to utilize new technology.

Current solutions require IT managers to choose between the complexities involved with integrating multiple distinct appliances from different

vendors, or to accept limited choice by buying both applications and networks from a single vendor. While open standards offer assurance that two components should work together, IT managers are often left with the task of resolving interoperability issues. Choosing a single vendor provides peace of mind that there is just one company to call in case of issues. However, the applications available may not be best-in-class.

An open network platform

An ideal solution would involve an open network platform, on which you can deploy your choice of best-in-class applications and services with the confidence that the combined solution will work. The HP ProCurve network forms a flexible open-standards-based foundation layer, which provides a platform that can deliver additional applications and services from both ProCurve and an array of leading application and appliance vendors.

Applications within the ecosystem can be implemented on standalone appliances, on HP blade systems, or as ProCurve ONE Integrated applications.

ProCurve ONE Integrated applications are those applications that are available for the HP ProCurve ONE Services zl Module. The Intel® based module has dual 10G interfaces that connect directly into the fabric of ProCurve's flagship chassis-based switch platforms, the HP ProCurve Switch 5400zl series and the HP ProCurve Switch 8212zl. This integration allows you to deploy the same services across the network, at the core, in the data center, at the edge of the Campus LAN, or out in a branch office.

New applications undergo independent testing before being encrypted and cryptographically signed as ProCurve ONE Integrated applications. The services module incorporates a secure environment, which means that only applications that have passed this testing will run, helping to maintain application performance, switch security, and network protection from vulnerabilities.

A choice of the best applications

Through HP ProCurve's ecosystem of Alliance Partners, ProCurve ONE offers you a choice of

applications, allowing you to unlock greater business value from your network. Two general classes of applications are available—business applications, and network applications and services.

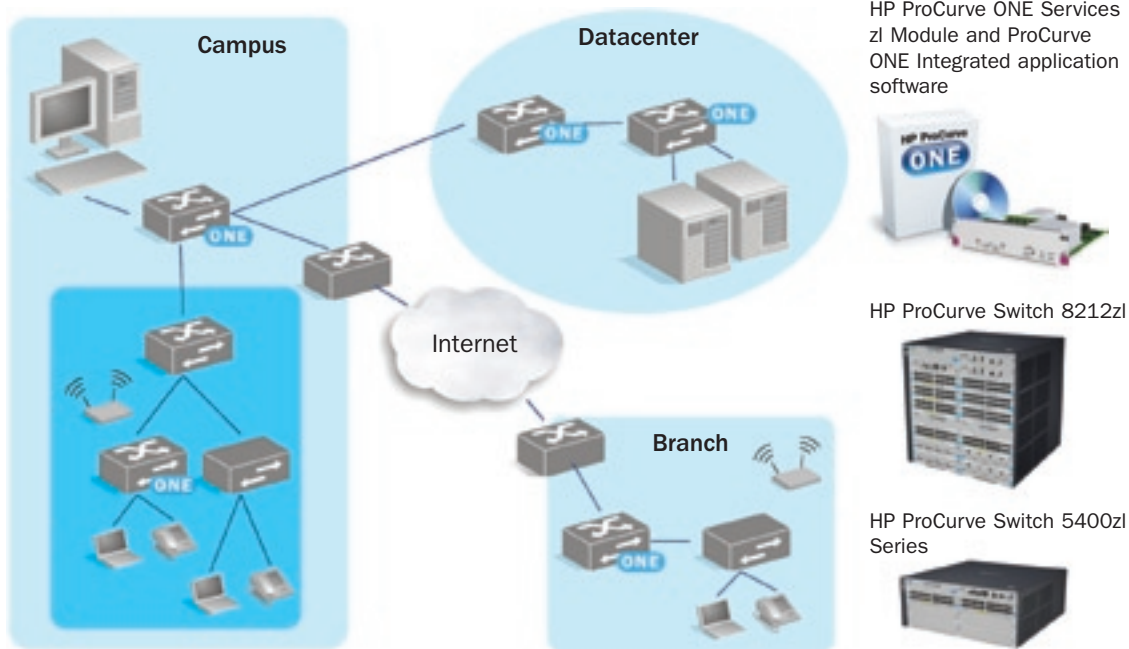
Business applications enable your network to improve business outcomes, whether distributed through the network or consolidated in a central location. Data-intensive applications such as enterprise search or video distribution can be optimized with distributed processing or caching located throughout your network. Collaboration applications such as Unified Communications and VoIP enable distributed teams to communicate across the IP network, utilizing integration to determine phone location.

Network applications and services may make your network easier to manage and control while offering additional services. They are integral to the fabric, foundation, or workings of the network and may use information embedded within the network such as location and usage data. Load-balancing applications provide an automated engine to adjust or optimize the behavior of your network. Many aspects of security applications benefit from network integration, protecting the network and users from threats and defending against attacks. Location-based systems allow you to track the location of wirelessly connected end points, enabling business applications such as asset management.

Confidence in the joint solution

ProCurve ONE offers you the confidence that the joint solution will work and be supported—while providing application choice. This confidence is provided through selected channel partners, ProCurve support, and ProCurve ONE solution certifications. ProCurve ONE channel partners who are qualified in both HP ProCurve and Alliance Partner products provide support services for the combined solution. HP ProCurve's telephone support provides a single point of contact to help determine the cause of any issue, and will refer you to the Alliance Partner's support center for software-only problems. If your case involves complex interactions between the application and HP ProCurve's network, you can rest assured that

Solution architecture



ProCurve and Alliance Partner will work closely to isolate the cause of an issue and propose a resolution plan.

ProCurve ONE benefits

- **Choice**—a choice of secure best-in-class solutions from a community of developers, using ProCurve's market-leading open-standards network foundation
- **Managing costs**—using standard hardware modules to host a variety of applications can help to contain capital equipment and operational costs
- **Environmental responsibility**—when compared to standalone appliances, integration into ProCurve's infrastructure helps to ensure optimal use of space, power, and cooling
- **Testing and certification**—selected solutions may be ProCurve ONE Solution Certified after passing a series of solution-level tests, using the application within a typical network deployment. An application may be solution certified while running on the ProCurve ONE Services zI Module, running as an independent appliance, or running other equipment

connected to the network.

- **Security and compatibility**—only tested applications are awarded the ProCurve ONE Integrated certification, which allows them to operate from an HP ProCurve Services zI Module.
- **Support management**—ProCurve ONE lets customers have a single initial point of contact for network support escalations, while maintaining the advantages of a multivendor model.

ProCurve ONE Services zI Module features

- Supported in the HP ProCurve Switch 5400zl series and 8212zl chassis-based LAN switch platforms—enabling deployment across the network from core to the edge, into the data center, and out at the branch
- Intel-based platform with main memory, non-volatile flash storage, hard disk, and 2 x 10G internal Ethernet connections
- The module comes with ProCurve's Lifetime Hardware Warranty* (with a 5-year warranty for the user-serviceable hard disk)

* For as long as you own the product, with next-business-day advance replacement (available in most countries). The following hardware products and their related series modules have a one-year hardware warranty with extensions available: ProCurve Routing Switch 9300m series, ProCurve Switch 8100fl series, and ProCurve Network Access Controller 800. The following hardware mobility products have a one-year hardware warranty with extensions available: HP ProCurve M111 Client Bridge, HP ProCurve MSM3xx-R Access Points, HP ProCurve MSM7xx Mobility and Access Controllers, HP ProCurve RF Manager IDS/IPS Systems, HP ProCurve MSM Power Supplies, and HP ProCurve 1 Port Power Injector. Disk drives in the HP ProCurve ONE Services zI modules have a five year hardware warranty. Standalone software, upgrades, or licenses may have a different warranty duration. For details, refer to the ProCurve Software License, Warranty, and Support booklet at www.procurve.com/warranty.

	ProCurve ONE	ProCurve ONE Integrated
	The following applications are available from ProCurve or ProCurve ONE Alliance Partners on appliances or HP blade system.	The following applications have completed, or will complete the ProCurve ONE Integrated certification on the HP ProCurve ONE Services zI Module in early 2009.
Network applications and services	<ul style="list-style-type: none"> • Network security <ul style="list-style-type: none"> – McAfee – SonicWall – Fortinet – HP ProCurve Network Immunity Manager (NIM) • Messaging and Web security <ul style="list-style-type: none"> – McAfee Email and Web Security • Identity and access management <ul style="list-style-type: none"> – Microsoft® Network Policy Server (NPS) – HP ProCurve Identity Driven Manager (IDM) – HP ProCurve Network Access Controller 800 (NAC 800) • Wireless IPS <ul style="list-style-type: none"> – HP ProCurve RF Manager • Wireless planning and management <ul style="list-style-type: none"> – AirWave – AirMagnet • WAN optimization <ul style="list-style-type: none"> – Riverbed Steelhead • Application delivery <ul style="list-style-type: none"> – F5 LTM • Network management <ul style="list-style-type: none"> – HP ProCurve Manager Plus (PCM+) 	<ul style="list-style-type: none"> • Network security <ul style="list-style-type: none"> – .vantronix .vtFW • Data center automation <ul style="list-style-type: none"> – HP ProCurve Data Center Connection Manager • Location <ul style="list-style-type: none"> – Ekahau Positioning Engine • Wireless IPS <ul style="list-style-type: none"> – AirTight SpectraGuard Enterprise • Network management <ul style="list-style-type: none"> – InMon Traffic Sentinel
Business applications	<ul style="list-style-type: none"> • VoIP/UC <ul style="list-style-type: none"> – Avaya – Mitel • Physical security <ul style="list-style-type: none"> – DVTel 	<ul style="list-style-type: none"> • VoIP/UC <ul style="list-style-type: none"> – Aastra 5000 • Video distribution <ul style="list-style-type: none"> – VBrick ViP

The ProCurve ONE Services zI Module is supported in the following switches:

- HP ProCurve Switch 5406zl
- HP ProCurve Switch 5412zl
- HP ProCurve Switch 8212zl

For more information

Discover the latest ProCurve ONE apps available from market-leading vendors at www.procurve.com/one

To learn more about HP ProCurve Networking, please visit ProCurve.com

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4AA2-3938ENW, January 2009