

Extreme Networks® Business Benefits: Extreme Networks vs. Foundry

Converged infrastructure solutions from Extreme Networks provide powerful capabilities to help solve tough networking challenges.

Extreme Networks innovative extensible network architecture provides meaningful insight and unprecedented control for converged networks that support real-time voice, video and data applications over wired and wireless infrastructures.

Foundry is well known for its rapid product introductions, but not for long product lifecycles. Extreme Networks longer lifecycles reduce forklift network upgrades and are important considerations to service providers, enterprises and data centers.

The Extreme Networks solution offers unique benefits when compared to the Foundry approach.

	Extreme Networks Advantage	Extreme Networks Business Benefits	Foundry Vulnerability
Manageability	<ul style="list-style-type: none"> • Single, modular OS from network core to edge • Ability to stop and start up many services like: EAPS, SSH, LLDP, NetLogin, SNMPMaster, and VRRP • Universal Port, CLI scripting and widgets allow the administrator to program the switch for fast and accurate configuration • UPM and CLI Scripting also allow for custom configuration of the switch to perform predetermined actions in the event of a network event such as turning off a PoE port at a certain time to conserve power 	<ul style="list-style-type: none"> • Single operation system from the most economical to the most full featured switches • Increased uptime due to management features not requiring a switch reboot • Programmability allows the network to become auto-configurable and self-healing 	<ul style="list-style-type: none"> • Foundry introduced Multi-Service Ironware but it lacks full functionality of a multi-tasking OS such as ability to start/stop critical services • Multi-Service Ironware does not run on their entire portfolio
Network Resiliency	<ul style="list-style-type: none"> • Invented Ethernet Automatic Protection Switching (EAPS, RFC 3619) ring protocol for rapid failover for converged applications 	<ul style="list-style-type: none"> • Real-time applications, VoIP calls, video and essential data packets can get through even when links or devices fail 	<ul style="list-style-type: none"> • Metro Ring Protocol has a greater than 500ms failover average making it 10x slower than EAPS when deployed with basic network configurations and topologies
Scalability	<ul style="list-style-type: none"> • Stack Summit® X250e, Summit X450 series and Summit X650 switches with different interface types and port densities in a single stack 	<ul style="list-style-type: none"> • Grow your network when and as you need to while supporting the full range of features and applications 	<ul style="list-style-type: none"> • Foundry has specific switch models that support stacking, but it is not as flexible nor as scalable as our Summit X250e, Summit X450 and Summit X650 offering • New stacking solution is a first generation feature and lacks our years of experience and innovation
Automation	<ul style="list-style-type: none"> • Power Conservation Module reduces energy consumption by turning off power to PoE enabled IP handsets after standard working hours 	<ul style="list-style-type: none"> • Widgets, Universal Port Manager and the Universal Port features simplify network management freeing admin time to address other issues • Power Conservation Module reduces network power consumption over the life of the product 	<ul style="list-style-type: none"> • Foundry does not have the rich capabilities of Universal Port, widgets, or our extensibility
Security	<ul style="list-style-type: none"> • Advanced security features, such as ACLs, IP security, bandwidth control, and sFlow are available at the network edge on all product lines 	<ul style="list-style-type: none"> • Help ensure secure networks which are reliable and can protect sensitive data 	<ul style="list-style-type: none"> • Overly reliant on perimeter based solutions • Rely on third party, nonintegrated solutions to round out security offering
Value	<ul style="list-style-type: none"> • Preserves design equity and lowers the risk of “refresh” costs needed to support unexpected business needs 	<ul style="list-style-type: none"> • Acquire more functionality with less investment and use the equipment for a longer period of time 	<ul style="list-style-type: none"> • Forklift upgrades more common due to lack of feature continuity across product lines • Foundry solved the active backplane without modular redundancy weakness in its flagship BigIron MG8 by replacing it with the BigIron RX only two years after the MG8 was released

For networks running converged applications, Extreme Networks offers more functionality to solve tough networking challenges by providing powerful insight and control so you can tame chaos with design equity and advanced automation capabilities.

Additionally, Extreme Networks services help you gain meaningful insight and unprecedented control to simplify your network operations. We provide assessment, design, implementation and educational services built around your specific needs. Our innovative ServiceWorks predictive support program delivers hosted predictive analytics to proactively resolve network issues. Our custom application development team provides expert help to streamline your enterprise network operations. Whether you need technical training, professional services, predictive support or standard maintenance and support, we'll help you solve your tough networking problems. For more information Extreme Networks Services Solutions may be found at <http://www.extremenetworks.com/solutions/ip-telephony.aspx>.

To learn more about Extreme Networks, please contact a sales representative, visit our website www.extremenetworks.com or email info@extremenetworks.com.



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