

ZebIC® Data Plane Integration Software for BCM56850 StrataXGS® Trident II now available

Hardware integration software (ZebIC) for Broadcom STRATAXGS® TRIDENT II switching platform provides a scalable, hardware-independent architecture that enables network equipment providers to efficiently develop networking solutions based on leading silicon platforms. ZebIC for Trident II allows network equipment manufacturers to quickly and inexpensively deliver networking products built around this switching platform. For more information, read the ZebIC Broadcom STRATAXGS TRIDENT II data sheet.

[More information and data sheet](#)



Overview of ZebOS Technology

BGP High Availability using Stateful Switchover (SSO)

Border Gateway Protocol (BGP) is one of the most critical protocols used in routing Internet traffic. On the Internet, an autonomous system (AS) is a collection of connected Internet Protocol (IP) routing prefixes under the control of one or more network operators that presents a common, clearly defined routing policy to the Internet. A unique autonomous system number (ASN) is allocated to each AS for use in BGP routing. Internet Service Providers (ISPs) use BGP to exchange routing information between them which enables the hosts in different Autonomous Systems to communicate to each other. [Read Full Article](#)

PIM ECMP Redirect (Protocol Independent Multicast Equal-Cost Multipath (ECMP) Redirect)

Growing demand for multicast applications in large network settings, such as distribution of TV video over set-top boxes (IPTV), distribution of live financial data for stock markets, streaming videos for webinars, virtual meetings etc., has focused attention on the bandwidth usage optimization and scaling for multicast protocols. Network operators need better control plane support to meet this increase in multicast traffic within the available network bandwidth.

[Read Full Article](#)

News

Updated ZebIC Data Sheets Available

ZebIC, IP Infusion's Hardware Integration Software, is the first solution to provide a scalable, hardware-independent architecture that enables you to efficiently incorporate networking capabilities into your products. We've updated our ZebIC data sheets which are available for download via these links:

- [ZebIC Hardware Integration Software](#)
- [ZebIC Hardware Integration Software for Marvell Lion Presteria CX 8248/8234](#)
- [ZebIC Hardware Integration Software for Marvell Hooper Presteria 98CX8129](#)
- [ZebIC Hardware Integration Software for PMC WinPath3](#)
- [ZebIC Hardware Integration Software for Broadcom BCM 56850](#)
- [ZebIC Hardware Integration Software for Broadcom BCM 56643](#)

- [ZebIC Hardware Integration Software for Broadcom BCM 56440](#)
- [ZebIC Hardware Integration Software for Broadcom BCM 56846](#)

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