Asidua's WanStaX Application Framework 'Generally Available'

Submitted by: Asidua
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Leading IT Solutions Company Asidua has released its WanStaX Application Framework to the global telecommunications equipment market. The framework, specifically designed and developed to integrate with PMC-Sierra's WinPath network processor portfolio, aims to deliver accelerated product development schedules for telecom equipment manufacturers.

"Asidua has been developing bespoke telecommunications systems on a services based commercial model for 10 years; throughout this time we have come to understand how some of the most advanced telecommunications systems are put together," said Eddie Millsopp, head of Asidua's Device Services said, explaining the rationale behind this software product release.

"We put together a plan for developing our own unique software package that would speed up the development of telecommunications systems, as it comes with many of the features modern telecommunications systems need 'out of the box'"

Steve Brankin, Asidua's Chief Executive said: "The WanStaX Application Framework is already being used in the product development of two European telecom equipment manufacturers, and we hope to publicise these engagements as soon as our customers' systems come on the market. Right now, we thought it timely to announce the WanStaX Application Framework to the market, as we have proven that it can remove months from our customers' product development timescales, allowing them to better meet the ever demanding timescales of telecom service providers."

WanStaX is Asidua's branded portfolio of software products designed specifically for use with PMC-Sierra's WinPath network processor family. As well as the Application Framework, the portfolio includes a range of international standards compliant control layer protocol software stacks that allow telecommunications equipment vendors to support "Carrier Ethernet" services.

The WanStaX Application Framework supports the following functionality which simplifies development of telecommunications systems:

- A uniform and simplified application front end to the WinPath WDDI driver layer.
- Fast adoption to new hardware designs via its unique Hardware Abstraction layer.
- Accelerated development of WDDI applications using Asidua's off-the-shelf WDDI building blocks, including VLAN VRF Routing, VLAN and Non-VLAN Aware Bridging, IEEE 802.1Q Provider Bridging (Stacked VLAN's) and Quality of Service.
- Pseudowire Emulation Edge to Edge (PWE3)
- Asynchronous Transfer Mode Operation Administration and Maintenance (ATM OAM)
- Link Aggregation (802.3ad), Link Layer OAM (820.3ah), Connectivity Fault Management M (802.3ag), Performance Management (Y.1731) Ethernet protocols
- Synchronous Ethernet
- Utilisation of the latest WinPath Hardware Accelerators
- Multi-threaded access to WDDI via the WAF API layer.
- Extensive abstracted interface to the target OS with Linux and VxWorks® supported

Robert O'Dell, Vice President of Marketing for the Mobile and Broadband Division of PMC Sierra, said: "Asidua's portfolio of software specifically designed and tested for PMC WinPath is now very impressive; selecting WanStaX from Asidua and is an excellent way for our new WinPath customers to quickly get a software stack built for their systems."

Mr Millsopp added: "Asidua's portfolio roadmap in this area is ongoing. For example, we will be adding Precision Time Protocol IEEE 1588 to the package early in 2013, and this will bring a key capability to our offering which is aimed at networks with a mixture of packet based and TDM elements."

The WanStaX Application Framework is now available from Asidua. Interested telecommunications equipment manufactures should contact Asidua via the company's web site www.asidua.com

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About Asidua

Asidua is endorsed by PMC® as a preferred supplier for providing a complete portfolio of software components and niche professional services focused on the WinPathTM product family. WanStaX is Asidua's branded portfolio of software products designed specifically for use with PMC-Sierra's WinPath network processor family. As well as the Application Framework, the portfolio includes a range of international standards compliant control layer protocol software stacks that allow telecommunications equipment vendors to support "Carrier Ethernet" services.

From their headquarters in Belfast, Northern Ireland, Asidua teams have successfully delivered solutions for a wide range of equipment suppliers including Tier 1s & 2s from across the globe. For more information on Asidua's WanStax portfolio, visit www.asidua.com/wanstax

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