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Wedge Networks is a successful start-up that has traditionally focused on security for telcos. More precisely it produced highly scalable tools that enabled huge amounts of network data traffic to be scrubbed clean. This enables telco service providers to offer clean internet connectivity to their clients with virus and malware threats already removed.

Their key advantage in this space has been the throughput. No competitors match the massive amount of data traffic that could be screened by their 'Cloud Network Defense' product range. It stands alone with throughput up to 10GB per second.

They don't produce the anti-virus or anti-malware technology themselves but focused on the massively scalable, elastic, virtualised platform. They then partnered with brands like Kaspersky and McAfee.

Today Wedge Networks has added up and coming anti-virus and anti-malware vendor Cylance to its solutions.

Cylance is a security vendor focused on protecting endpoint devices. Their approach is non-traditional and doesn't involve signatures. Instead of the old-fashioned signature database approach, Cylance uses Artificial Intelligence (AI) to identify threats. The advantage of their approach is that a new threat doesn't need to be identified in a research facility and then added to the signature database, which gets downloaded to clients. Cylance's solution can catch previously unknown threats, using its incredible AI approach.

Incorporating Cylance into its solutions enables the same advantages that Cylance is providing the end point, at the network level.

Because of the different approach by Cylance, Wedge has had to make significant architectural changes.

The new product is being called Wedge Advanced Malware Blocker (WedgeAMB) and fits into a whole new family of products called Wedge Absolute Real-time Protection (WedgeARP).

"We live in an age where collaboration and embracing the innovation of others is key to providing the best possible security solutions available," said James Hamilton, CEO of Wedge Networks. "We've developed the industry's highest performing real-time hyper-inspection and orchestration engine. Orchestrating that functionality in concert with other best-in-class technologies enables the most effective threat prevention available, with superior performance and scale. That's what the WedgeARP series is all about – orchestrating the industry's best security technologies and joining forces in the fight against cybercrime."

"Security teams worldwide need integrated tools to provide next-generation protection from today's ever-increasing cyber attacks," said Stuart McClure, president and CEO at Cylance Inc. "Together, WedgeAMB with the Cylance machine-learning engine delivers a one-two punch, intercepting malware at the perimeter as well as on the endpoint."

The new product is available in 100 Mbps, 1 Gbps, and 10 Gbps versions. It can be deployed as a virtual machine (VM) or as a pre-configured X86-based appliance