Interface Masters
T E C H N O L O G I E S
Innovative Network Solutions

untangle®

Untangle and Interface Masters Joint Solution

An Integrated Network Monitoring Solution

Interface Masters and Untangle have partnered together to deliver an innovative joint monitoring solution. Untangle's Internet Content Control (ICC) appliance provides visibility and control over internet traffic. As a result of the dynamic content and application control, network administrators have deeper network visibility, analysis, and reporting onto what is going on and how to determine the best utilization of the bandwidth. The Untangle ICC hardware appliance supports up to 1GB of bandwidth. (The 1GB interface can have bypass technology built into it as well to ensure a reliable environment for constant monitoring. The bypass is in place to take away a single point of failure within the network.)

As a result of only being able to inspect up to 1 GB traffic on a single appliance, the ICC cannot be deployed directly into a 10GB network.

If a customer wants to deploy an ICC into a 10Gbps network, they can put an Interface Masters' PacketMaster in line with the ICC and load balance the traffic appropriately. If, for example, a hospital network is using 4Gbps of bandwidth, 5-7different ICC devices could be installed in conjunction with the PacketMaster. Each system will support 0.6-0.8 Gbps and be able to absorb any microburst and no packet loss will

happen from oversubscription. The network traffic would be load balanced over the devices while maintaining session integrity. Once all the traffic is passed through a particular ICC, it is then aggregated back together and sent onto the network (see figure 1). Utilizing a PacketMaster, a customer can support up to 10 or more ICC systems. This solution will ensure that the ICC can be deployed in any large network environment, such as schools, government and enterprises.

Advanced features such as aggregation, packet filtering, packet slicing and mirroring can also be performed on a PacketMaster.

While this solution is addressing a 10Gb network, similar solution and architecture can be applied to 40Gb and 100Gb networks. Interface Master PacketMaster family of products support 40Gb today and will be support 100Gb by end of the year.
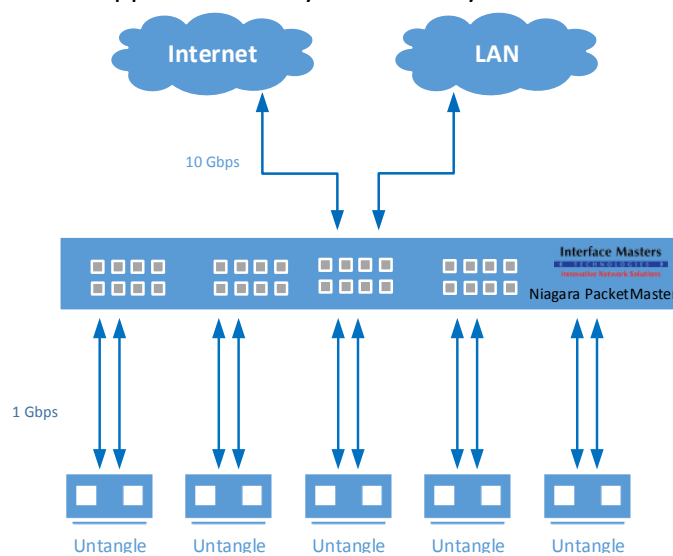

Figure 1: A PacketMaster connected to five ICC's

Interface Masters Technologies

Interface Masters Technologies is a leading vendor in the high speed network visibility market based in the heart of the Silicon Valley. Flagship product lines include Network Packet Brokers, specialized 10G internal server adapter cards, switches, external intelligent Network TAP and Bypass and failover systems that increase network monitoring capabilities, network reliability and inline appliance availability. Company Headquarters are located in San Jose, CA with satellite offices in Hong Kong and Europe.

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Untangle

Untangle, a network software and appliance company, provides the most complete multi-function firewall and Internet management application suite available today. Designed to meet the network policy demands of organizations large and small, Untangle's award-winning software now ships on easy-to-deploy appliances. Untangle's proven network software solutions are installed in nearly 40,000 organizations, protecting more than 2 million people and their computers. With its try-before-you-buy approach, Untangle enables organizations to take control of their network within minutes and at no risk. Untangle is located in Sunnyvale, California. For more information, visit untangle.com or call (866) 233-2296.