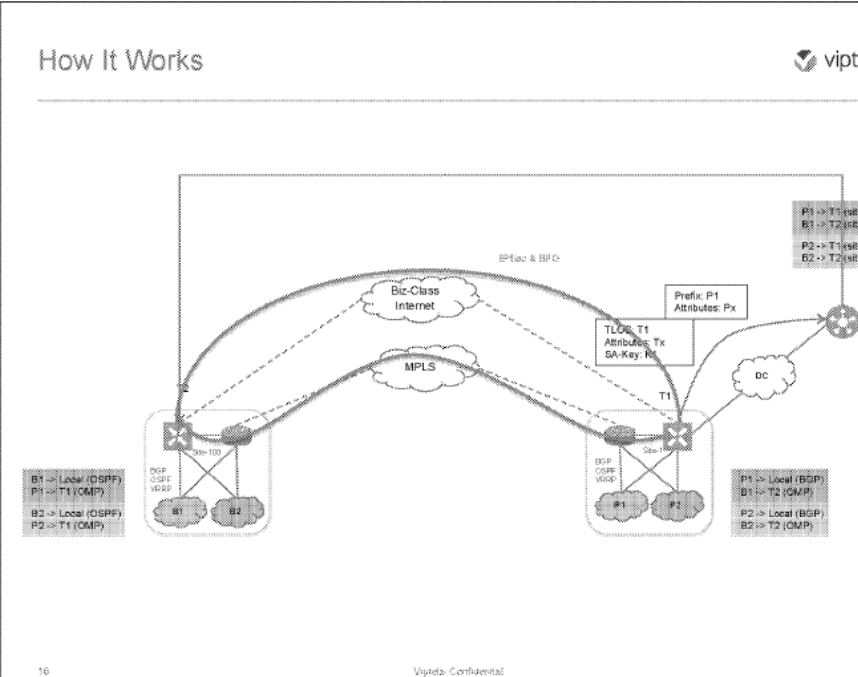


# EXHIBIT

# 1018

APPENDIX I

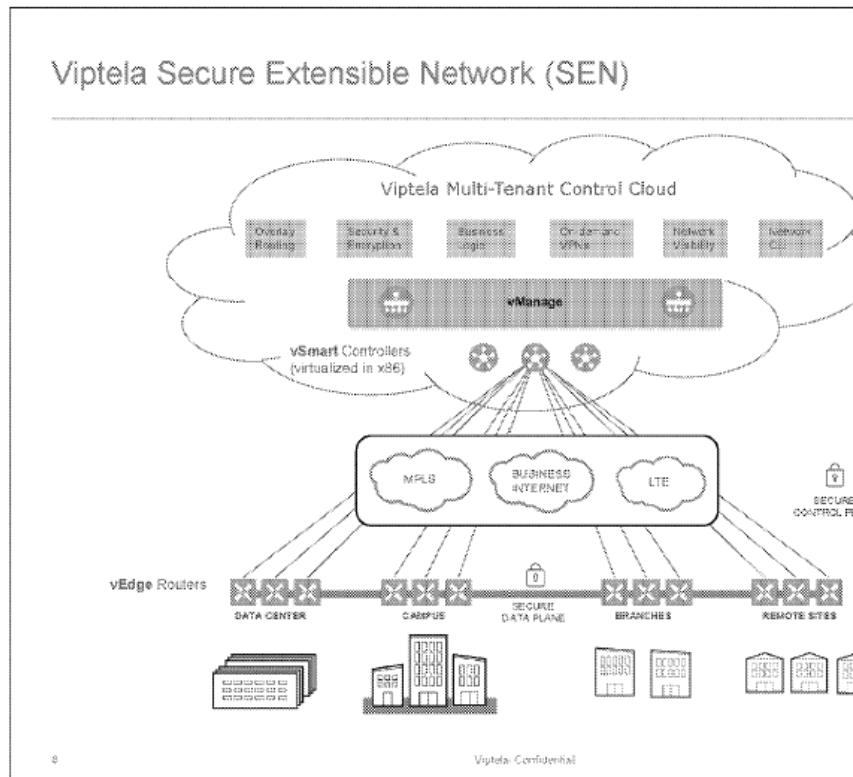
U.S. Patent No. 7,406,048

No.	Claim Language	Accused Instrumentality
1.	<p>A controller which controls access to multiple independent disparate networks in a parallel network configuration, the disparate networks comprising at least one private network and at least one network based on the Internet, the controller comprising:</p>	<p>As shown below, the accused Viptela devices are controllers that control multiple independent disparate networks in a parallel network configuration, the disparate networks comprising at least one private network and at least one network based on the Internet.</p> <p>See, e.g., <i>Viptela Secure SD-WAN at 16 (VIPFAT0000307)</i>:</p>  <p>The diagram, titled "How It Works", illustrates a multi-site SD-WAN architecture. It shows two sites, Site 100 and Site 101, each containing BGP/OSPF routers (B1, B2 and P1, P2). These sites are connected to a central "E2e-Class Internet" cloud. The architecture also includes an MPLS cloud, a DC cloud, and various protocols like BGP, OSPF, VRRP, and T1. A legend at the bottom right lists local and remote connections for P1 and P2.</p>

<p>1[a].</p>	<p>a site interface connecting the controller to a site;</p>	<p><i>The accused Viptela devices provide a site interface connecting the controller to a site. For example, each accused instrumentality includes at least one Ethernet interface that connects the controller to a LAN. See, e.g., Viptela Documentation - vEdge 1000 Router (VIPFAT0008018); Viptela Documentation - vEdge 1000 Router (VIPFAT0008119); Viptela Documentation - vEdge 2000 Router (VIPFAT0008120); Viptela Documentation - vEdge 52 (VIPFAT0000343).</i></p> <div data-bbox="771 934 1620 1669" style="border: 1px solid black; padding: 10px;"> <h4 style="text-align: left;">vEdge-1000 Hardware</h4> <div style="border: 1px solid black; padding: 5px; margin-top: 10px;"> <ul style="list-style-type: none"> <li>• 1RU, standard rack mountable</li> <li>• 8x GE SFP (10/100/1000)</li> <li>• 1 Gbps capacity (incl. encryption)</li> <li>• TPM chip for anti-counterfeit &amp; secure authentication</li> <li>• 3G/4G via USB (or) Ethernet</li> <li>• Encryption, QoS</li> <li>• Dual Power supplies (external PS)</li> <li>• Low power consumption</li> </ul> </div> <p style="font-size: small; margin-top: 5px;">52 <span style="float: right;">Viptela - Confidential</span></p> </div> <p>See, e.g., Secure Extensible Network Solution Components - Data Center Overview - <a href="http://viptela.com/solutions/overview/">http://viptela.com/solutions/overview/</a> (last visited Oct. 19, 2016).</p> <p>“vEdge Routers sit at the perimeter of a site (such as remote campuses, data centers) and provide highly secure data connections.”</p>
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transport.”

See, e.g., *Viptela Secure SD-WAN at 8 (VIPFAT0000299)*:



1[b].

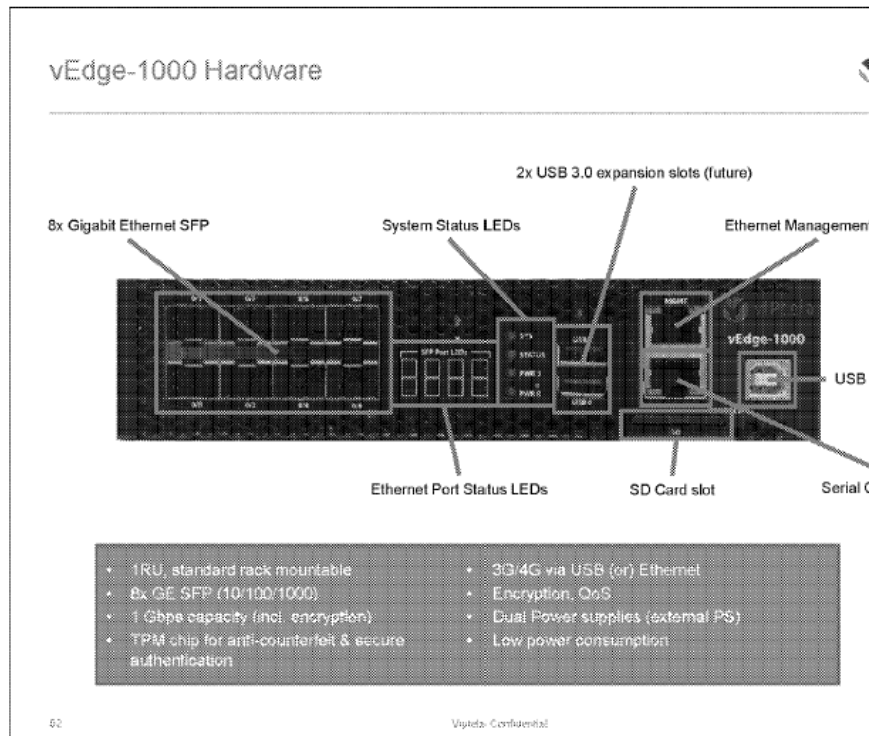
at least two network interfaces which send packets toward the disparate networks; and

*The accused Viptela devices provide at least two network interfaces toward disparate networks. For example, each accused devices include ports that can be configured to send packets towards different networks. Documentation - vEdge 100m Router (VIPFAT0008018); Viptela Documentation - vEdge 1000 Router (VIPFAT0008055); Viptela Documentation - vEdge 2000 Router (VIPFAT0008120). One of these interfaces can be configured to be associated with an MPLS network and another configured to be the*

with the Internet.

Below is an exemplary illustration showing the interfaces for the vEdge device. Although the other accused devices may have a different configuration of interfaces, each accused device includes at least two network interfaces for routing packets towards the disparate networks.

See, e.g., *Viptela Secure SD-WAN at 52 (VIPFAT0000343)*



See, e.g., Andrew Conry Murray, *Startup Profile: Viptela Targets W*  
INFORMATIONWEEK (Dec. 2, 2014), <http://www.informationweek.com>

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