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UNITED STATES PATENT AND TRADEMARK OFFICE

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BEFORE THE PATENT TRIAL AND APPEAL BOARD

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APPLE INC.,  
Petitioner

v.

VIRNETX INC.  
Patent Owner

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Case IPR2015-00866

Patent No. 8,458,341

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**PATENT OWNER'S DEMONSTRATIVE EXHIBITS**

*Inter Partes* Review of  
U.S. Patent No. 8,458,341  
U.S. Patent No. 8,516,131  
U.S. Patent No. 8,560,705

Case Nos. IPR2015-00866, -00868,  
-00870, and -00871

**Oral Hearing: June 27, 2016**

## Instituted Grounds

- **IPR2015-00866 (U.S. Patent No. 8,458,341)**
  - Claims 1–11, 14–25, and 28 as obvious over Beser and RFC 2401
- **IPR2015-00868 (U.S. Patent No. 8,516,131)**
  - Claims 1–10, 13–22, and 25–27 as obvious over Beser and RFC 2401
- **IPR2015-00870 (U.S. Patent No. 8,560,705)**
  - Claims 1–23 and 25–30 as obvious over Beser and RFC 2401
  - Claim 24 as obvious over Beser, RFC 2401, and Brand
- **IPR2015-00871 (U.S. Patent No. 8,560,705)**
  - Claims 1–23 and 25–30 as obvious over Aventail, RFC 2401, RFC 2543, and Brand
  - Claim 24 as obvious over Aventail, RFC 2401, RFC 2543, and Brand

IPR2015-00866 (U.S. Patent No. 8,458,341)

IPR2015-00868 (U.S. Patent No. 8,516,131)

IPR2015-00870 (U.S. Patent No. 8,560,705)

## Claim 1 of the '341 Patent

1. A network device, comprising: a storage device storing an application program for a secure communications service; and at least one processor configured to execute the application program for the secure communications service so as to enable the network device to:

send a request to look up an internet protocol (IP) address of a second network device based on a domain name associated with the second network device;

receive, following interception of the request and a determination that the second network device is available for the secure communication service, an indication that the second network device is available for the secure communications service, the requested IP address of the second network device, and provisioning information for a virtual private network communication link;

connect to the second network device, using the received IP address of the second network device and the provisioning information for the virtual private network communication link; and

communicate with the second network device using the secure communications service over the virtual private network communication link.

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