

1 THE UNITED STATES DISTRICT COURT  
2 FOR THE EASTERN DISTRICT OF TEXAS  
3 TYLER DIVISION

4 VIRNETX, INC. )  
5 ) DOCKET NO. 6:10cv417  
6 -vs- )  
7 CISCO SYSTEMS, INC., ET AL ) Tyler, Texas  
8 ) 9:00 a.m.  
9 ) January 5, 2012

10 TRANSCRIPT OF MARKMAN HEARING  
11 BEFORE THE HONORABLE LEONARD DAVIS,  
12 UNITED STATES DISTRICT JUDGE

13 A P P E A R A N C E S

14 (SEE SIGN-IN SHEETS DOCKETED IN THIS CASE.)  
15  
16  
17  
18  
19  
20

21 COURT REPORTER: MS. SHEA SLOAN  
22 211 West Ferguson  
23 Tyler, Texas 75702

24 Proceedings taken by Machine Stenotype; transcript was  
25 produced by a Computer.

1 the addressing scheme that is used to achieve a virtual  
2 private network.

3           Because, Your Honor, there was no disclaimer of an  
4 indirect communication here, because this was in the context  
5 of an explanation to the Patent Office why Aventail is not a  
6 virtual private network, there was no change of the claim  
7 terms. There was no change in the specification. This is not  
8 a portion of the prosecution history that amounts to any kind  
9 of unequivocal disclaimer. But it certainly is not any kind  
10 of suggestion that a break in the directness of a  
11 electromechanical connection from one wire to computer to  
12 computer to the actual reality of modern networks is utterly  
13 unwarranted.

14           THE COURT: Okay. Thank you.

15           Response, Mr. Desmarais?

16           MR. DESMARAIS: Yes, Your Honor. Thank you. Let me  
17 just start right out and say that is not what we are arguing.  
18 We are not arguing it has to be one wire, and we are not  
19 arguing it has to be an electromechanical connection. Not at  
20 all. These products go over the network, and we are not  
21 disputing that.

22           What we are arguing is exactly what they said to the  
23 Patent Office, so let me show you that.

24           Slide 23, please.

25           After Your Honor's patent order, the Patent Office

1 rejected all the claims on the '135 and '180 patents. Those  
2 patents were dead on arrival. They were rejected over this  
3 Aventail reference, which I have shown a picture of here on  
4 Slide 23.

5 VirnetX, if they wanted to get these patents out of  
6 the Patent Office, had to distinguish their VPN from what you  
7 see in that picture. That is what they did, and they did it  
8 unequivocally.

9 If you look on Slide 24, this is what VirnetX said  
10 to the Patent Office to get these patents issued. Third,  
11 Aventail has not been shown to disclose a VPN because  
12 computers connected according to Aventail do not communicate  
13 directly with each other.

14 And if you look at the picture down below, Your  
15 Honor, before we go on, it is not the Internet cloud in  
16 between the target and the client that we are talking about.  
17 It is that server that I made yellow. Okay. So we are not  
18 saying that these products don't go over the Internet. Of  
19 course, they do.

20 Let's look at what VirnetX said they meant by  
21 directly. They said -- and we can jump down to the yellowed,  
22 red-underlined part. "All communications between the client  
23 and target stop and start at the intermediate SOCKS server."  
24 That is the one I colored yellow in the photo -- in the  
25 picture.

1           The client cannot open a connection with the target  
2 itself. Therefore, one skilled in the art would not have  
3 considered the client and target to be virtually on the same  
4 private network. Instead, the client computer and target  
5 computer are deliberately separated by an intermediate SOCKS  
6 server. There is a huge difference between what happens in  
7 the Internet and a terminating server.

8           In the Internet -- the Internet is connected -- and  
9 I am going to show you some photos of that -- some diagrams of  
10 that -- by a bunch of routers that just take in a packet and  
11 send a packet out. A server actually receives a communication  
12 and processes it. It is two very different functions.

13           THE COURT: But are you saying that the firewall or  
14 routers or switches would be included?

15           MR. DESMARAIS: I can show you exactly if we look at  
16 Slide 28, please.

17           THE COURT: Would that prevent a direct  
18 communication?

19           MR. DESMARAIS: Not the Internet, not routers, not  
20 things that are -- if you look at Slide 28 we can sort of talk  
21 about it more concretely.

22           If you look at Slide 28, what VirnetX told the  
23 Patent Office is, in fact, entirely consistent with what they  
24 show in their patent. So the top two figures here on Slide  
25 28, Your Honor, are from the patent; and the bottom figure is

1 from Aventail, the prior art. So you see in that figure on  
2 the top left where I colored it in yellow, those are all  
3 Internet routers.

4 And you see the VirnetX box 100 at the top left is  
5 the client set and the box 110 at the bottom right is the  
6 target set. So you see the client and the target are the only  
7 two computer-type apparatuses in between the Internet. So the  
8 client calls up the target. They certainly use the Internet  
9 and they get routed across the Internet. But coming out of  
10 the Internet on the other side is the target. There is not an  
11 intermediate server that the client had targeted. Instead,  
12 they target the target computer. That is the difference --

13 THE COURT: Are you talking about an intermediate  
14 server that does something?

15 MR. DESMARAIS: Exactly. Yes. So, for instance,  
16 let me give you an example. I am a client, and I want to call  
17 Mr. Williams. If I send a message to Your Honor and I say --  
18 I call you up, I transfer the message to you, and then you get  
19 the message, you open it, you process it, and you decide I'm  
20 going to send it to Mr. Williams, then I have opened up a  
21 communication with you. It goes to Mr. Williams, but I opened  
22 up the communication to you.

23 If I am sending a communication to Mr. Williams, it  
24 is addressed to Mr. Williams and I send it and all you do is  
25 grab it and give it to him and don't do anything to it, then

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