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12 UNITED STATES DISTRICT COURT

13 DISTRICT OF NEVADA

14 \* \* \*

15 VOIP-PAL.COM, INC., a Nevada corporation,

CASE NO.:

16 Plaintiff,

17 v.

**CHART 1 TO EXHIBIT E**

18 VERIZON WIRELESS SERVICES, LLC, a  
19 Delaware limited liability corporation;  
20 VERIZON COMMUNICATIONS, INC., a  
21 Delaware corporation; AT&T, INC., a  
22 Delaware corporation; AT&T CORP., a  
23 Delaware corporation; and DOES I through X,  
24 inclusive,

**ASSERTED CLAIMS AND  
INFRINGEMENT CONDITIONS AS  
AGAINST THE VERIZON  
ENTITIES**

25 Defendants.

**CHART 1 TO EXHIBIT E**

**CHART SUPPORTING ASSERTED CLAIMS AND INFRINGEMENT CONTENTIONS  
CONCERNING U.S. PATENT NO. 8,542,815**

26 Verizon Wireless Services, Inc. and Verizon Communications, Inc. (collectively, “Verizon”)  
27 offer Voice over IP products and services (“Verizon VoIP”) utilizing equipment at the customer or  
28 enterprise premises and a collection of servers and gateways. Verizon practices certain claims of  
U.S. Patent 8,542,815 (“the ‘815 patent”) as illustrated by the chart below.

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Verizon on-premises equipment initiates a call and identifies a caller, or first participant, and a callee, or second participant. The callee, or first participant, may be a Verizon subscriber, or a non-subscriber. A profile that includes attributes is used as part of the process that classifies a call.

This chart applies claims 1, 7, 27, 28, 34, 54, 72 – 74, 92, 93 and 111 of the ‘815 Patent to Verizon VoIP.

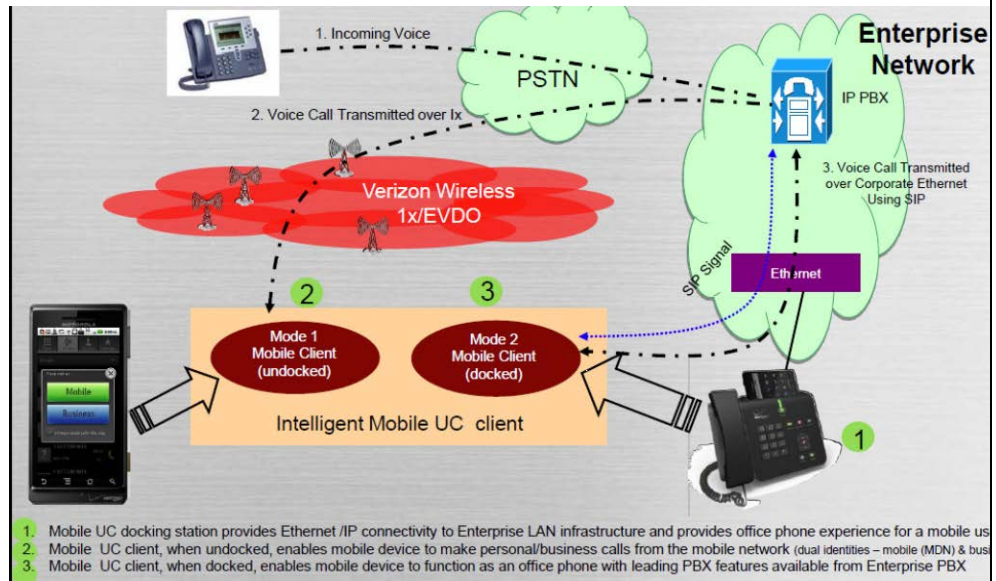
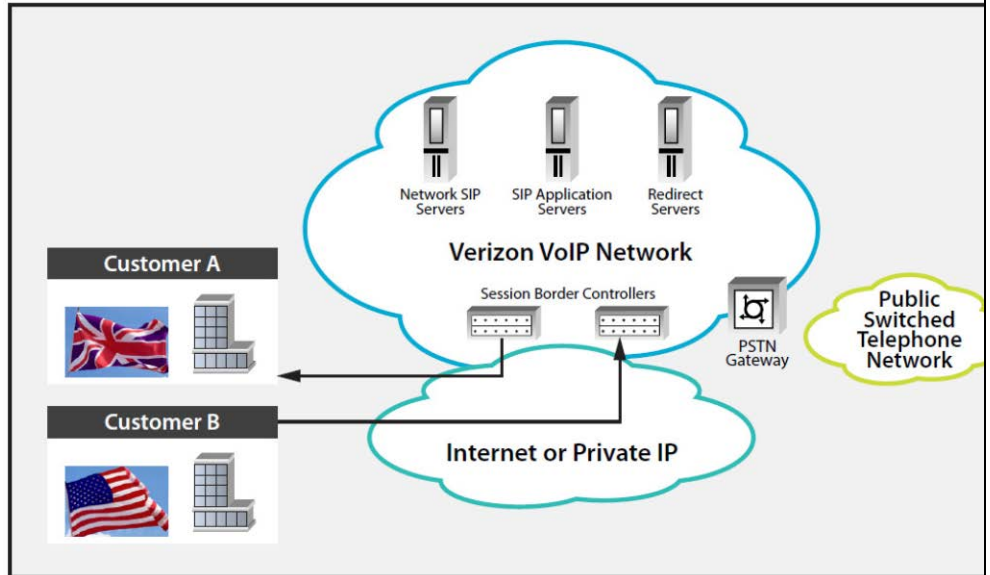
<b>U.S. Patent No. 8,542,815</b>	
<b>Claim</b>	<b>Accused Device/Instrumentality</b>
1. [1p] A process for operating a call routing controller to facilitate communication between callers and callees in a system comprising a plurality of nodes with which callers and callees are associated, the process comprising:	<p>Verizon VoIP includes a call routing controller to facilitate communication between callers and callees in a system comprising a plurality of nodes with which callers and callees are associated.</p> <p>Verizon offers voice over IP (“VoIP”) communication services to home users and business customers by a variety of methods including their fiber optic FiOS network service (which uses an Optical Network Terminal (ONT) at the customer premises coupled to a fiber connection to the Verizon network), communication services such as digital subscriber line (DSL) and private dedicated connections.</p> <p>Verizon products and services relating to enterprise VoIP communications include Verizon IP Trunking, Verizon IP Integrated Access, Verizon Hosted IP Centrex, and Verizon IP Flexible T1.</p> <p>Verizon supports routing calls via gateways such as public switched telephone network (PSTN) gateways.</p>

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Claim

Accused Device/Instrumentality



Verizon VoIP uses a call routing controller that includes Verizon operated equipment and/or the on-premises equipment.

Verizon VoIP utilizes a plurality of nodes with which callers and callees are associated.

[1a] in response to initiation of a call by a calling

Verizon VoIP receives a caller identifier and a callee identifier in response to initiation of a call by a calling subscriber.

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Claim	Accused Device/Instrumentality
subscriber, receiving a caller identifier and a callee identifier;	Verizon equipment and services utilize a SIP or similar protocol for voice call initiation. In the SIP protocol an “INVITE” message is used as part of the call setup process, such as is described in RFC 3261. The caller identifier includes information in the “From:” part of the SIP invite message, which includes a phone number of the caller and/or another identification of the caller phone device. The callee identifier includes a phone number associated with the callee.
[1b] locating a caller dialing profile comprising a username associated with the caller and a plurality of calling attributes associated with the caller;	<p>Verizon VoIP locates a caller dialing profile comprising a username associated with the caller and a plurality of calling attributes associated with the caller.</p> <p>A caller dialing profile including calling attributes includes information used in the classification of a call, such as settings stored on the on-premises equipment, information stored on Verizon servers, and/or information obtained regarding the connection of the caller device to the network.</p>
[1c] determining a match when at least one of said calling attributes matches at least a portion of said callee identifier;	<p>Verizon VoIP determines a match when at least one of said calling attributes matches at least a portion of said callee identifier.</p> <p>Verizon VoIP matches at least one of the calling attributes and at least a portion of the callee identifier in interpreting the callee identifier.</p>
[1d] classifying the call as a public network call when said match meets public network classification criteria and classifying the call as a private network call when said match meets private network classification criteria;	<p>Verizon VoIP classifies the call as a public network call when the match meets public network classification criteria and classifying the call as a private network call when the match meets private network classification criteria.</p> <p>Verizon VoIP allows calls to be made using Verizon’s private network and over a public network such as the PSTN. Private network classification criteria represents routing calls over Verizon’s private network. Public network classification criteria represents routing calls over a public network such as the PSTN. Calling attributes are used to establish a private or public network classification criteria.</p> <p>One example of calling attributes being used to establish private and public</p>

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Claim	Accused Device/Instrumentality
<p>network classification criteria;</p>	<p>network classification criteria is the use of caller related information to interpret the callee identifier. The callee identifier may need to be interpreted according to the location from which the caller is registered and/or the location from which the caller is currently located, for example to handle international, national and local dialing patterns, or to interpret local extension numbers within an enterprise. For example, some Verizon dialing plans support short dialing strings such as 2- to 4-digit extension dialing to allow certain subscribers to call such extensions, which may be translated to internal or external numbers. Also, abbreviated dialing patterns such as 311, 511 and 811 are handled according to a local calling area. A “911 Address” is needed in the case of 911 calls that are handled using Verizon VoIP.</p> <div data-bbox="552 787 1291 1585" style="border: 1px solid black; padding: 5px;"> <p>The screenshot shows a web form titled "Verizon - Create Subscriber" with a "Close" button in the top right. The main heading is "Temporary 911 Address". Below this is a checked checkbox with the text "I have read and acknowledge the US 911 Calling Requirements." followed by a link. A paragraph explains that the Address of Record determines the PSAP. The "Address" section contains the following fields:             <ul style="list-style-type: none"> <li>*House No: 123</li> <li>Pre Dir: Select One (dropdown)</li> <li>*Street Name: Main</li> <li>Suffix: ST (dropdown)</li> <li>Post Dir: Select One (dropdown)</li> <li>Unit Number: (empty field)</li> <li>*City: Colorado Springs</li> <li>*State: CO (dropdown)</li> <li>*Country: US (dropdown)</li> </ul> </p> </div> <p style="text-align: center;"><i>Figure 4-10: Temporary 911 Address</i></p>
<p>[1e] when the call is classified as a private network call, producing a private network routing message for receipt by a</p>	<p>Verizon VoIP produces a private network routing message for receipt by a call controller that identifies an address, on the private network, associated with the callee, when the call is classified as a private network call.</p> <p>The Verizon operated controller routes the call using a routing message to its own subscriber over its private network.</p>

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Claim	Accused Device/Instrumentality
<p>call controller, said private network routing message identifying an address, on the private network, associated with the callee;</p>	
<p>[1f] when the call is classified as a public network call, producing a public network routing message for receipt by the call controller, said public network routing message identifying a gateway to the public network.</p>	<p>Verizon VoIP produces a public network routing message for receipt by the call controller that identifies a gateway to the public network, when the call is classified as a public network call.</p> <p>If a call is made over a public network, the Verizon operated controller routes the call using a routing message to a gateway associated with a public network such as the PSTN.</p>
<p>7. The process of claim 1 further comprising formatting said callee identifier into a pre- defined digit format to produce a re- formatted callee identifier.</p>	<p>Verizon VoIP formats said callee identifier into a pre-defined digit format to produce a re-formatted callee identifier.</p>
<p>27. [27p] A non- transitory computer readable medium encoded with codes for</p>	<p>Verizon VoIP includes a non-transitory computer readable medium encoded with codes for directing a processor to execute a method of operating a call routing controller to facilitate communication between callers and callees in a system comprising a plurality of nodes with which callers and callees are associated.</p>

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Claim	Accused Device/Instrumentality
directing a processor to execute a method of operating a call routing controller to facilitate communication between callers and callees in a system comprising a plurality of nodes with which callers and callees are associated, the method comprising:	See claim element [1p].
[27a] in response to initiation of a call by a calling subscriber, receiving a caller identifier and a callee identifier;	See claim element [1a].
[27b] locating a caller dialing profile comprising a username associated with the caller and a plurality of calling attributes associated with the caller;	See claim element [1b].
[27c] determining a match when at least one of said	See claim element [1c].

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Claim	Accused Device/Instrumentality
calling attributes matches at least a portion of said callee identifier;	
[27d] classifying the call as a public network call when said match meets public network classification criteria and classifying the call as a private network call when said match meets private network classification criteria;	See claim element [1d].
[27e] when the call is classified as a private network call, producing a private network routing message for receipt by a call controller, said private network routing message identifying an address, on the private network, associated with the callee; and	See claim element [1e].
[27f] when the call is classified as a public network call,	See claim element [1f].



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Claim	Accused Device/Instrumentality
producing a public network routing message for receipt by a call controller, said public network routing message identifying a gateway to the public network.	
28. [28p] A call routing apparatus for facilitating communications between callers and callees in a system comprising a plurality of nodes with which callers and callees are associated, the apparatus comprising:	Verizon VoIP includes a call routing apparatus for facilitating communications between callers and callees in a system comprising a plurality of nodes with which callers and callees are associated.  See claim element [1p].
[28a] receiving means for receiving a caller identifier and a callee identifier, in response to initiation of a call by a calling subscriber;	See claim element [1a].
[28b] means for locating a caller dialing profile comprising a username associated with	See claim element [1b].

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Claim	Accused Device/Instrumentality
the caller and a plurality of calling attributes associated with the caller;	
[28c] means for determining a match when at least one of said calling attributes matches at least a portion of said callee identifier;	See claim element [1c].
[28d] means for classifying the call as a public network call when said match meets public network classification criteria;	See claim element [1d].
[28e] means for classifying the call as a private network call when said match meets private network classification criteria;	See claim element [1d].
[28f] means for producing a private network routing message for receipt by a call controller, when the call is classified as a private network	See claim element [1e].

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Claim	Accused Device/Instrumentality
<p>call, said private network routing message identifying an address, on the private network, associated with the callee; and</p>	
<p>[28g] means for producing a public network routing message for receipt by a call controller, when the call is classified as a public network call, said public network routing message identifying a gateway to the public network.</p>	<p>See claim element [1f].</p>
<p>34. The apparatus of claim 28 further comprising formatting means for formatting said callee identifier into a pre-defined digit format to produce a re-formatted callee identifier.</p>	<p>See claim 7.</p>
<p>54. [54p] A process for operating a call routing</p>	<p>Verizon VoIP includes a call routing controller to establish a call between a caller and a callee in a communication system.  See claim element [1p].</p>

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Claim	Accused Device/Instrumentality
<p>controller to establish a call between a caller and a callee in a communication system, the process comprising:</p>	
<p>[54a] in response to initiation of a call by a calling subscriber, locating a caller dialing profile comprising a plurality of calling attributes associated with the caller; and</p>	<p>See claim element [1b].</p>
<p>[54b] when at least one of said calling attributes and at least a portion of a callee identifier associated with the callee match and when the match meets a private network classification criterion,</p>	<p>See claim elements [1c], [1d].</p>
<p>[54c] producing a private network routing message for receipt by a call controller, said private network routing message identifying an</p>	<p>See claim element [1e].</p>

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Claim	Accused Device/Instrumentality
address, on a private network, the address being associated with the callee; and	
[54d] when at least one of said calling attributes and said at least said portion of said callee identifier associated with the callee match and when the match meets a public network classification criterion,	See claim elements [1c], [1d].
[54e] producing a public network routing message for receipt by a call controller, said public network routing message identifying a gateway to a public network.	See claim element [1f].
72. The process of claim 54 further comprising causing the private network routing message or the public network routing message to be communicated to	Verizon VoIP causes causing the private network routing message or the public network routing message to be communicated to a call controller to effect routing of the call.

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Claim	Accused Device/Instrumentality
a call controller to effect routing of the call.	
73. A non-transitory computer readable medium encoded with codes for directing a processor to execute the method of claim 54.	Verizon VoIP includes a non-transitory computer readable medium encoded with codes for directing a processor to execute the method of claim 54.  See claim elements [54p], [54a], [54b], [54c], [54d] and [54e].
74. [74p] A call routing controller apparatus for establishing a call between a caller and a callee in a communication system, the apparatus comprising:	Verizon VoIP includes a call routing controller apparatus for establishing a call between a caller and a callee in a communication system.  See claim clement [1p].
[74a] a processor operably configured to:	Verizon VoIP includes of multiple machines with processors at multiple Verizon locations, including servers and gateways accessible over local and wide area networks.
[74b] access a database of caller dialing profiles wherein each dialing profile associates a plurality of calling attributes with a respective subscriber, to locate a dialing	Verizon VoIP includes a database of caller dialing profiles, each associating a plurality of calling attributes with a respective subscriber, to locate a dialing profile associated with the caller, in response to initiation of a call by a calling subscriber.  See claim elements [1a], [1b].

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Claim	Accused Device/Instrumentality
profile associated with the caller, in response to initiation of a call by a calling subscriber; and	
[74c] produce a private network routing message for receipt by a call controller, said private network routing message identifying an address, on a private network, through which the call is to be routed,	See claim element [1e].
[74d] when at least one of said calling attributes and at least a portion of a callee identifier associated with the callee match and when the match meets a private network classification criterion, the address being associated with the callee; and	See claim elements [1c], [1d].
[74e] produce a public network routing message for receipt by a	See claim element [1f].

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Claim	Accused Device/Instrumentality
<p>call controller,  said public  network routing  message  identifying a  gateway to a  public network,</p>	
<p>[74f] when at  least one of said  calling attributes  and said at least  said portion of  said callee  identifier  associated with  the callee match  and when the  match meets a  public network  classification  criterion.</p>	<p>See claim elements [1c], [1d].</p>
<p>92. The  apparatus of  claim 74 wherein  said processor is  further operably  configured to  cause the private  network routing  message or the  public network  routing message  to be  communicated to  a call controller  to effect routing  of the call.</p>	<p>Verizon VoIP causes the private network routing message or the public network routing message to be communicated to a call controller to effect routing of the call.</p>
<p>93. [93p] A call  routing  controller  apparatus for</p>	<p>Verizon VoIP establishes a call between a caller and a callee in a communication system.   See claim clement [1p].</p>



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Claim	Accused Device/Instrumentality
<p>establishing a call between a caller and a callee in a communication system, the apparatus comprising:</p>	
<p>[93a] means for accessing a database of caller dialing profiles wherein each dialing profile associates a plurality of calling attributes with a respective subscriber, to locate a dialing profile associated with the caller, in response to initiation of a call by a calling subscriber; and</p>	<p>See claim element [74b].</p>
<p>[93b] means for producing a private network routing message for receipt by a call controller, said private network routing message identifying an address, on a private network, through which the call is to be routed,</p>	<p>See claim element [74c].</p>

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[93c] when at least one of said calling attributes and at least a portion of a callee identifier associated with the callee match and when the match meets a private network classification criterion, the address being associated with the callee; and	See claim element [74d].
[93d] means for producing a public network routing message for receipt by a call controller, said public network routing message identifying a gateway to a public network	See claim element [74e].
[93e] when at least one of said calling attributes and said at least said portion of said callee identifier associated with the callee match and when the match meets a public network classification	See claim element [74f]

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111. The apparatus of claim 93 further comprising means for causing the private network routing message or the public network routing message to be communicated to a call controller to effect routing of the call.	Verizon VoIP comprises means for causing the private network routing message or the public network routing message to be communicated to a call controller to effect routing of the call.

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