

U.S. PAT. 8,391,298 CLAIM LISTING

No.	Limitation
1p	An information handling system comprising:
1a	a first local area network ('LAN');
1b	a second LAN;
1c	a wide area network ('WAN') coupling the first LAN to the second LAN;
1d	a third LAN coupled to the first and second LANs via the WAN;
1e	a first telecommunications device coupled to the first LAN;
1f	a plurality of telecommunications extensions coupled to the second LAN;
1g	the first LAN including first circuitry for enabling a user of the first telecommunications device to observe a list of the plurality of telecommunications extensions;
1h	the first LAN including second circuitry for automatically calling one of the plurality of telecommunications extensions in response to the user selecting one of the plurality of telecommunications extensions from the observed list, wherein the list of the plurality of telecommunications extensions is stored in a server in the second LAN, and is accessed by the first circuitry across the WAN; and
1i	a plurality of telecommunications extensions coupled to the third LAN, the first LAN including circuitry for enabling the user to select between observing the list of the plurality of telecommunications extensions coupled to the second LAN or observing a list of the plurality of telecommunications extensions coupled to the third LAN.

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2	The system as recited in claim 1, wherein communication among the first LAN, second LAN, and WAN uses an IP protocol.
3	The system as recited in claim 2, wherein the list of the plurality of telecommunications extensions is displayed to the user of the first telecommunications device.
4	The system as recited in claim 3, wherein the first telecommunications device is an IP telephone having a display for showing the list of the plurality of telecommunications extensions, wherein the second circuitry includes a key for enabling the user to tacitly selecting one of the plurality of telecommunications extensions from the displayed list.
5	The system as recited in claim 4, wherein the tactile selection of one of the plurality of telecommunications extensions from the displayed list by the user results in an initiation of a call from the first telecommunications device to the selected one of the plurality of telecommunications extensions across the WAN.
6	The system as recited in claim 1, wherein the list of the plurality of telecommunications extensions is played as audio to the user of the first telecommunications device.
7	The system as recited in claim 1, wherein the first telecommunications device includes circuitry for enabling the user to scroll through the displayed list of the plurality of telecommunications extensions.
8p	An information handling system comprising:
8a	a first local area network (“LAN”) operating under an IP protocol;
8b	a first IP telephone coupled to the first LAN, the first IP telephone having a display and a set of keys for enabling a user to enter inputs;

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8c	a second LAN operating under the IP protocol;
8d	second and third telephone extensions coupled to the second LAN;
8e	a wide area network (“WAN”) operating under the IP protocol coupling the first LAN to the second LAN;
8f	a third LAN coupled to the first and second LANs via the WAN;
8g	the first LAN including first circuitry for enabling a user of the first IP telephone to view a list including the second and third telephone extensions, wherein the list is stored in a server in the second LAN, and is accessed by the first circuitry across the WAN; and
8h	a plurality of telephone extensions coupled to the third LAN, the first LAN including circuitry for enabling the user to select between viewing the list of the telephone extensions coupled to the second LAN or viewing a list of the plurality of telephone extensions coupled to the third LAN.
9	The system as recited in claim 8, further comprising: the first LAN including second circuitry for automatically calling the second telephone extension in response to the user selecting the second telephone extension from the viewed list.
10	The system as recited in claim 9, wherein selection of the second telephone extension from the viewed list by the user is accomplished by selection of one of the set of keys.
11	The system as recited in claim 10, wherein the selection of one of the set of keys results in an initiation of a call from the first IP telephone to the second telephone extension across the WAN.

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12	The system as recited in claim 8, wherein the first IP telephone includes circuitry for enabling the user to scroll through the displayed list.
17p	A method comprising the steps of:
17a	receiving a first touch input from a user on an IP telephone that is networked into a first LAN operating under an IP protocol;
17b	in response to receipt of the first touch input, displaying on a display on the IP telephone a first list including second and third LANs coupled to the first LAN, wherein the second and third LANs operate under the IP protocol, wherein the first, second, and third LANs are coupled via a WAN;
17c	receiving a second touch input from the user on the IP telephone;
17d	in response to receipt of the second touch input, displaying on the display on the IP telephone a second list of telephone destinations accessible from the second LAN;
17e	receiving a third touch input from the user on the IP telephone;
17f	in response to receipt of the third touch input, automatically dialing one of the telephone destinations accessible from the second LAN for a communications connection between the one of the telephone destinations and the IP telephone
17g	wherein the step of displaying on the display on the IP telephone the second list further includes the steps of: sending a message from the first LAN to the second LAN requesting the second list; and
17h	receiving the second list from the second LAN to the first LAN;

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17i	receiving a fourth touch input from the user on the IP telephone; and
17j	in response to receipt of the fourth touch input, displaying on the display on the IP telephone a third list of telephone destinations accessible from the third LAN, wherein the step of displaying on the display on the IP telephone the third list further includes the steps of: sending a message from the first LAN to the third LAN requesting the third list; and receiving the third list from the third LAN to the first LAN.
18	The method as recited in claim 17, before the step of receiving the second touch input, further comprising the steps of: receiving a fifth touch input from the user on the IP telephone; and in response to receipt of the fifth touch input, scrolling through the first list.
19	The method as recited in claim 18, before the step of receiving the third touch input, further comprising the steps of: receiving a sixth touch input from the user on the IP telephone; and in response to receipt of the sixth touch input, scrolling through the second list.