IN THE UNITED STATES DISTRICT COURT
FOR THE NORTHERN DISTRICT OF ILLINOIS
EASTERN DIVISION

TECHNO LICENSING LLC,	§	
	§	
Plaintiff,	§	Case No:
	§	
vs.	§	PATENT CASE
	§	
DILLON KANE GROUP LLC,	§	
	§	
Defendant.	§	
	§	

COMPLAINT

Plaintiff Techno Licensing LLC ("Plaintiff" or "Techno") files this Complaint against Dillon Kane Group LLC ("Defendant" or "DKG") for infringement of United States Patent No. 7,797,011 (hereinafter "the '011 Patent").

PARTIES AND JURISDICTION

1. This is an action for patent infringement under Title 35 of the United States Code. Plaintiff is seeking injunctive relief as well as damages.

2. Jurisdiction is proper in this Court pursuant to 28 U.S.C. §§ 1331 (Federal Question) and 1338(a) (Patents) because this is a civil action for patent infringement arising under the United States patent statutes.

3. Plaintiff is a Texas limited liability company with its office address at 3411 Preston Rd., Suite C, Frisco, Texas 75034.

4. On information and belief, Defendant is an Illinois limited liability company with a principal address of 222 South Riverside Plaza #280 Chicago, IL 60606. On information and belief, Defendant may be served with process through its agent, Illinois Corporation Service C at

801 Adlai Stevenson Drive, Springfield, IL 62703.

5. On information and belief, this Court has personal jurisdiction over Defendant because Defendant has committed, and continues to commit, acts of infringement in this District, has conducted business in this District, and/or has engaged in continuous and systematic activities in this District.

6. On information and belief, Defendant's instrumentalities that are alleged herein to infringe were and continue to be used, imported, offered for sale, and/or sold in this District.

VENUE

7. Venue is proper in this District pursuant to 28 U.S.C. § 1400(b) because Defendant is deemed to reside in this District.

COUNT I
(INFRINGEMENT OF UNITED STATES PATENT NO. '011 PATENT)

8. Plaintiff incorporates paragraphs 1 through 7 herein by reference.

9. This cause of action arises under the patent laws of the United States and, in particular, under 35 U.S.C. §§ 271, *et seq*.

10. Plaintiff is the owner by assignment of the '011 Patent with sole rights to enforce the '011 Patent and sue infringers.

11. A copy of the '011 Patent, titled "Communication Method and Communication Equipment in the PoC Service," is attached hereto as Exhibit A.

12. The '011 Patent is valid, enforceable, and was duly issued in full compliance with Title 35 of the United States Code.

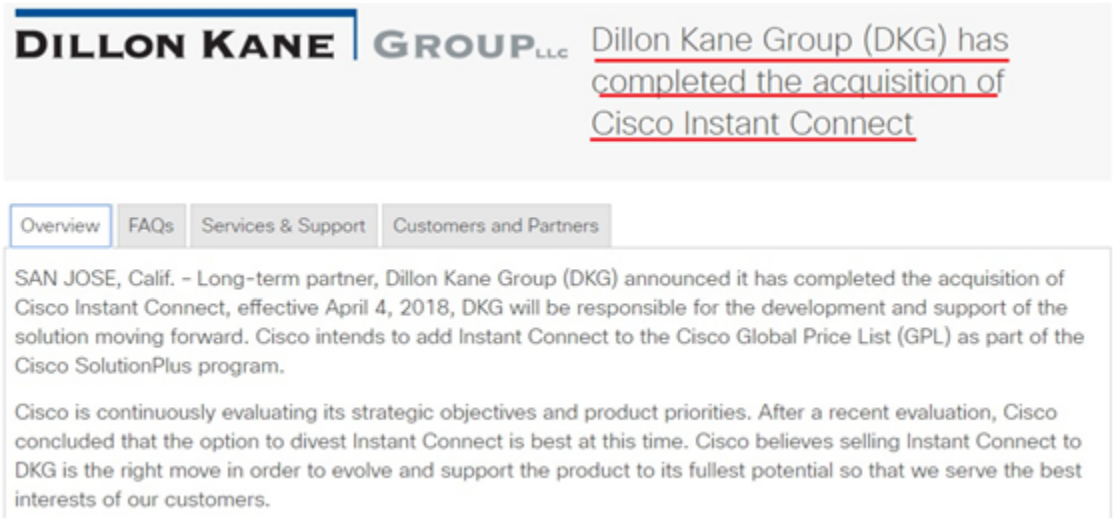
13. On information and belief, Defendant has infringed and continues to infringe one or more claims, including at least Claim 1, 3, 4, and 5 of the '011 Patent by making, using, importing, selling, and/or offering devices, platforms, systems, and/or methods for controlling a

communication relay, which are covered by at least Claims 1, 3, 4, and 5 of the '011 Patent. Defendant has infringed and continues to infringe the '011 patent directly in violation of 35 U.S.C. § 271.

14. Defendant sells, offers to sell, and/or uses (including by at least testing) push-to-talk (PTT) over cellular (PoC) platforms including, without limitation, the Instant Connect communications platform, and any similar products ("Product"), which infringe at least Claims 1, 3, 4 and 5 of the '011 Patent. The Product includes a plurality of communication devices that can operate in a half-duplex session. A user of a device that does not "have the floor" can perform key operation and transmit that key operation to a user of a device that does "have the floor."

15. In at least internal testing and usage, the Product implements a method of controlling a communication relay (e.g., Dillon Kane IPICS server controls communication relay between devices) between a plurality of equipment (e.g., Dillon Kane Instant Connect enabled handsets) in a PoC service (e.g., Dillon Kane Push-to-Talk Application for iOS/ Android devices communicated over cellular network such as 3G, LTE) which attains a half-duplex talk session (e.g., touch and hold the on-screen PTT button to take the floor and speak during a call) using a packet communication (e.g., PTT can be used over a cellular data network or Wi-Fi connection) between the plurality of equipment wherein each equipment comprises a talking key (e.g., a PTT button) and at least one operation information transmitting key (e.g., message, alert and location icons). These elements are illustrated in the screen shots below and/or in screen shots provided in connection with other allegations herein. As shown, a Dillon Kane Instant Connect enabled device includes a software-based push to talk key that allows a user to initiate a PTT call. Additionally, the device will include software-based keys that allow a user to send an alert, text message, or geolocation to another user (e.g., the operation information transmitting key). As shown, a user

can send an alert to another user that will be displayed on the other user's display. As shown, a user can also send messages to another user. As shown, a user can also send their geolocation to another user.



https://www.cisco.com/c/en/us/about/corporate-strategy-office/acquisitions/dkg-instant-connect.html#~tab-overview

https://play.google.com/store/apps/details?id=com.cisco.ipics.instantConnect4101&hl=en_US

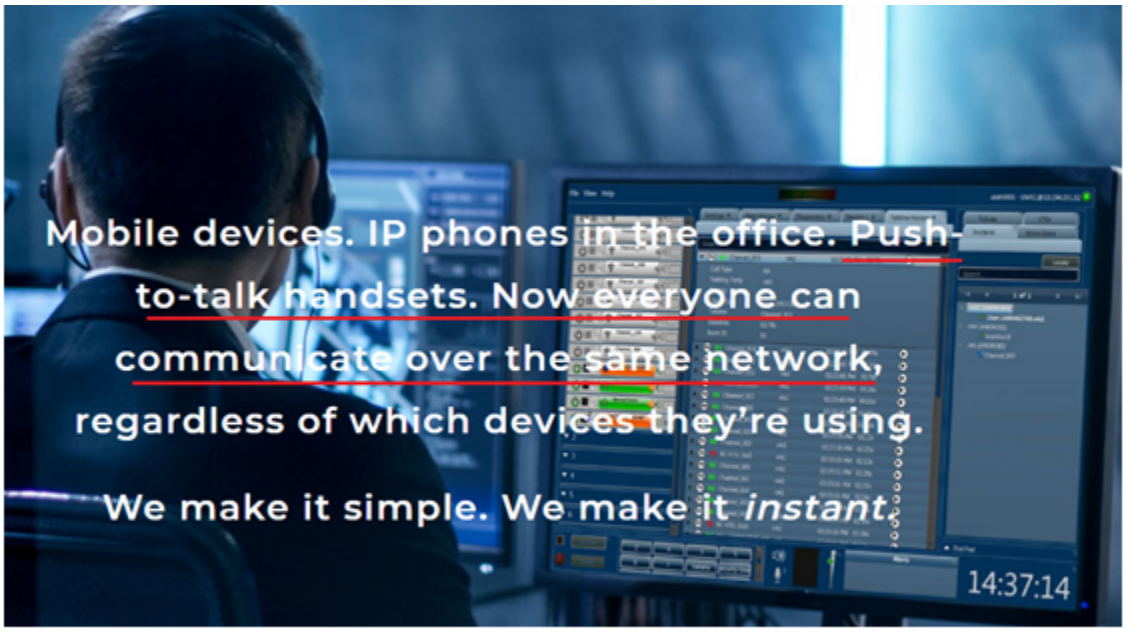
Cisco® Instant Connect is used for two-way push-to-talk communications on Android™ devices using on premises enterprise push to talk IPICS servers. The Instant Connect application is perfect for connecting users with an instant push of a button over corporate Wi-Fi networks on-premises or off-premises networks (carrier networks).

https://play.google.com/store/apps/details?id=com.cisco.ipics.instantConnect4101&hl=en_US

Table 1. Instant Connect Mobile Client system capabilities

Platforms	Apple iPhone 5, 5S, 6, 6S, 7, 7S with iOS up to 10; Google Android 4.4.4, 5.1, 6.0, 7.0 (see compatibility matrix for tested devices and hardware combinations
Connectivity	Wi-Fi or 3G/4G/5G/LTE with active service (depends on smartphone)
Assigned incidents	Up to 10 (suggested for optimum performance)
Photos	Up to 2 MB
Mobile client	5000 active mobile clients per Instant Connect system
Virtual Talk Groups	Users can join up to 350 Virtual Talk Groups (VTG) or channels
Security	VPN with FIPS 140-2 encryption using Cisco AnyConnect mobile client or Cisco Expressway

https://www.instantconnectnow.com/wp-content/uploads/2018/05/Instant-Connect-Mobile-Client.pdf



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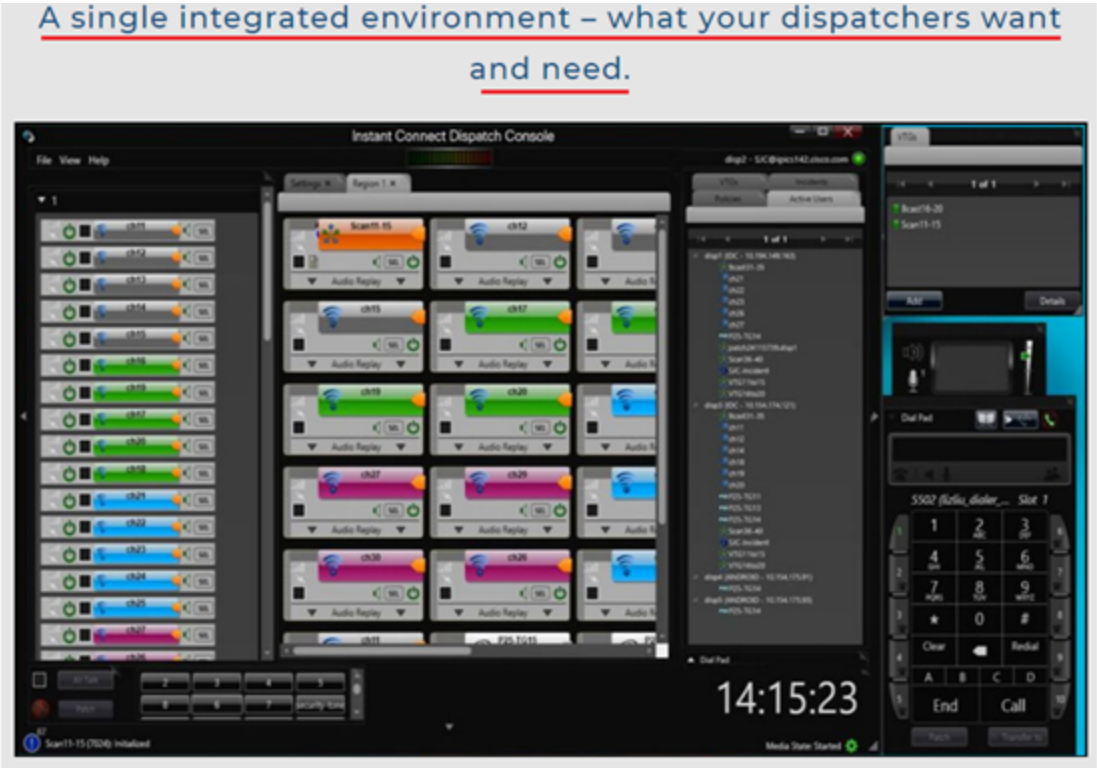

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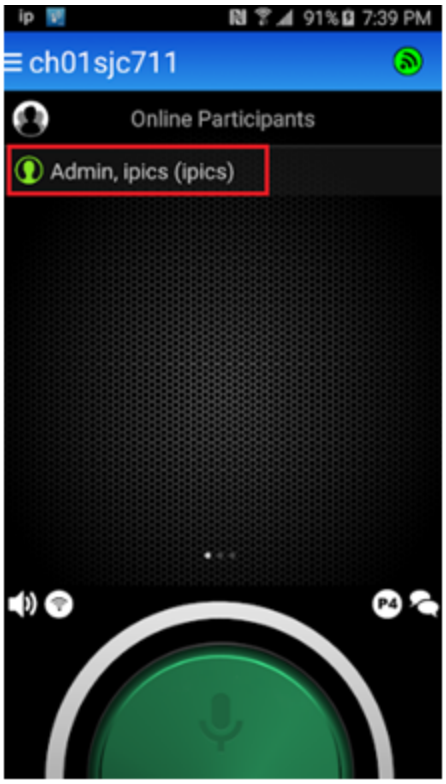

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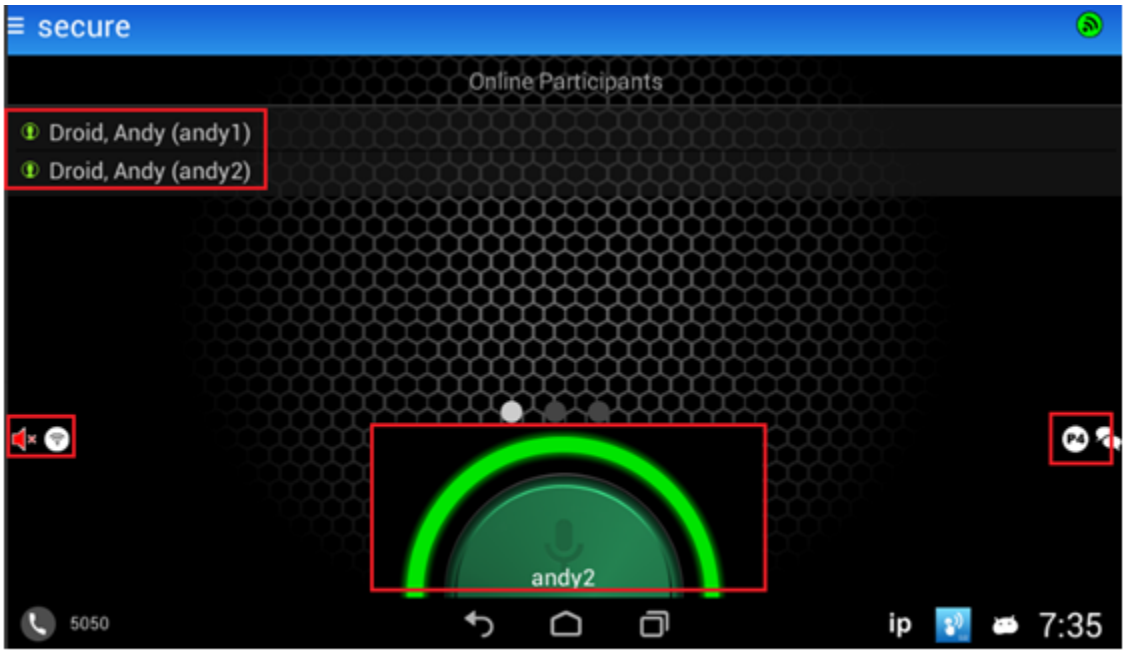

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https://www.cisco.com/c/en/us/td/docs/interoperability_systems/c_instant_connect/502/instant_connect_android/cisco_instant_connect.pdf

	Description	Reference
5	Favorite icon.	See the "Using the PTT Screen" section on page 2-25.
6	Talk priority icon.	
7	PTT button.	
8	Quick Launch bar.	See the "Using the Quick Launch Bar" section on page 2-20
9	Talkline type icon.	See the "Using the PTT Screen" section on page 2-25.
10	Speaker/Headset icon.	
11	Page indicator.	
12	Talkline participants list.	
13	Manage Participants button	

https://www.cisco.com/c/en/us/td/docs/interoperability_systems/c_instant_connect/502/instant_connect_android/cisco_instant_connect.pdf

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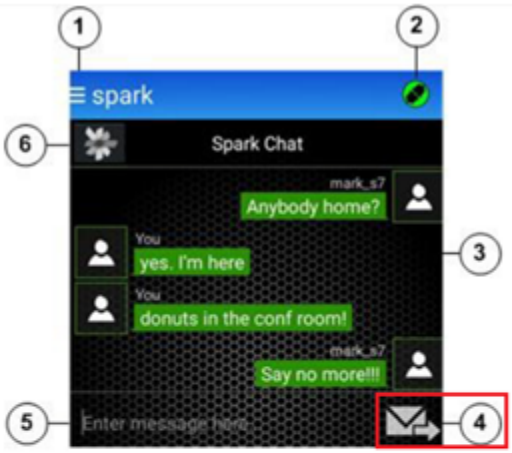

	Description	Reference
1	Menu button	See the "Using Menu Options" section on page 2-22
2	Server Status icon	See the "Understanding the Server Status Icon" section on page 2-20
3	Message area	See the "Managing Chats" section on page 2-47
4	Send Message button	

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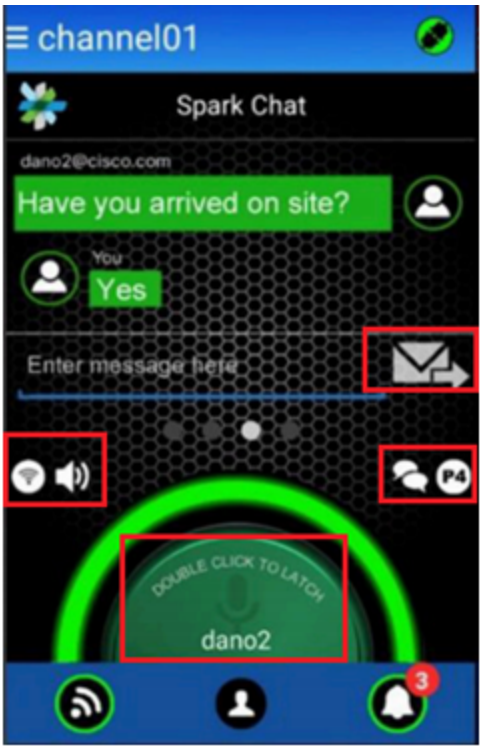

https://www.instantconnectnow.com/wp-content/uploads/2018/05/Instant-Connect-Mobile-Client.pdf

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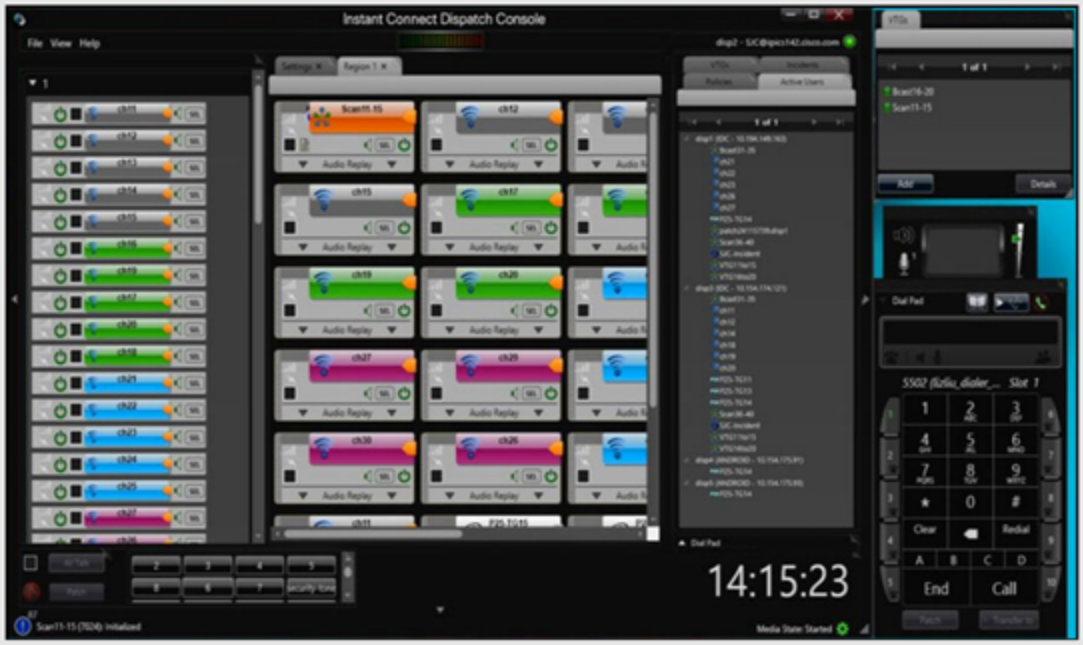
16. In at least testing and usage, the Product manages (e.g., management of the system is done via an integrated dispatch Console) the equipment (e.g., Dillon Kane PTT enabled handsets) connected to the server (e.g., Dillon Kane Instant Connect dispatch IPICS Server) wherein one of the plurality of equipment (e.g., Dillon Kane PTT enabled handsets) has taken "the floor" (e.g., during a PTT call session, only one device can take the floor at one time) in the half duplex talk session (e.g., a half-duplex PTT call). As shown, the integrated dispatch console by IPICS server monitors communication between Dillon Kane Instant Connect handsets over cellular network. These elements are illustrated in the screen shots below and/or in screen shots provided in connection with other allegations herein.

https://www.instantconnectnow.com/

A single integrated environment – what your dispatchers want and need.



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Cisco® Instant Connect is used for two-way push-to-talk communications on Android™ devices using on premises enterprise push to talk IPICS servers. The Instant Connect application is perfect for connecting users with an instant push of a button over corporate Wi-Fi networks on-premises or off-premises networks (carrier networks).

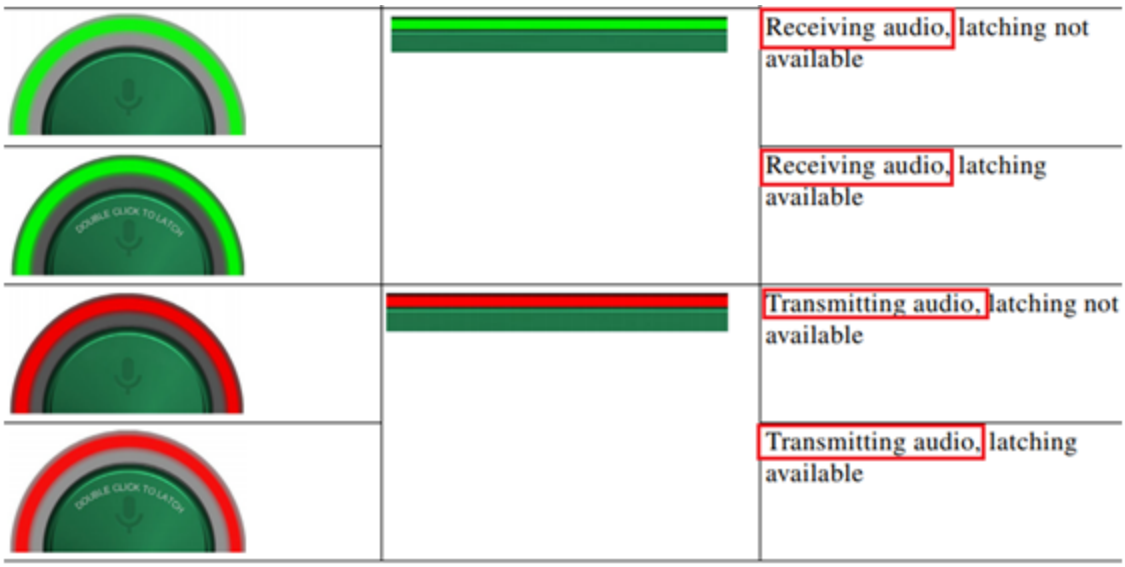
https://play.google.com/store/apps/details?id=com.cisco.ipics.instantConnect4101&hl=en_US

REQUIREMENTS

- Android OS 4.1 or higher.
- Cisco IPICS 4.10(1) or 4.10(2) server with at least one Cisco IPICS media server.

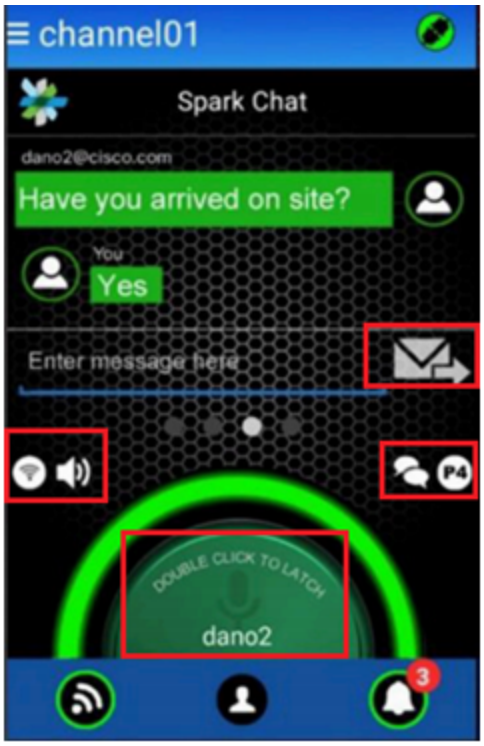
IMPORTANT: This app requires access to a Cisco Instant Connect Express, or Cisco IP Interoperability and Collaboration System (IPICS) on which you have an account. If you are unsure whether your company provides access, please contact your IT department.

https://play.google.com/store/apps/details?id=com.cisco.ipics.instantConnect4101&hl=en_US



https://www.cisco.com/c/en/us/td/docs/interoperability_systems/c_instant_connect/502/instant_connect_android/cisco_instant_connect.pdf

17. In at least testing and usage, the Product acquires, as an operation information, a key operation of the operation information transmitting key (e.g., corresponding data is sent to the Dillon Kane Instant Connect IPICS server when a user utilizes a software based key to send a text, geolocation, personal alert, or photo to another user) of at least one of the plurality of equipment that has not taken the floor in the half duplex talk session (e.g., a user device that does not yet hold the floor can nonetheless utilize the software keys to send text, geolocations, personal alerts, or photos) while said one of the plurality of equipment has "the floor" in the half duplex talk session (e.g., a recipient of the text, geolocation, alert, etc., will receive said information even if they currently have the floor in a PTT session). As shown, the push to talk app interface contains various software keys that allow a user to send text message, geolocations, personal alerts, or photos, during a half-duplex transmission. These elements are illustrated in the screen shots below and/or in screen shots provided in connection with other allegations herein. On information and belief, messages, and geolocations will be displayed to another user even if said user currently has the floor. As shown below, messages and geolocations are displayed on a user's PTT screen.



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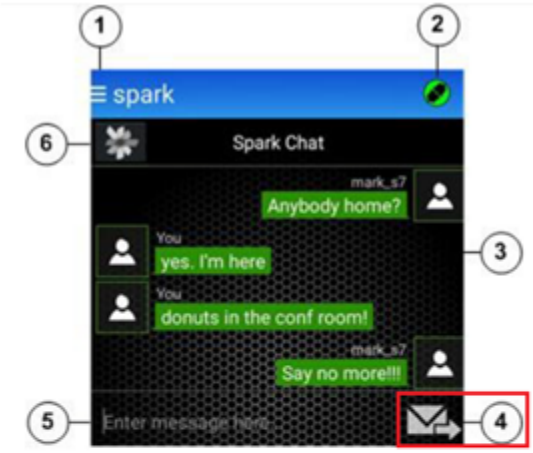
18. In at least testing and usage, the Product transmits the acquired operation information (e.g., the user's selection of a specific operation (e.g., to send a text, geolocation, etc.) and any data corresponding to said operation (e.g., the text, geolocation)) to the equipment (e.g., Dillon Kane Instant Connect application enabled handsets) which are managed by a managing unit (e.g., Dillon Kane IPICS server). As shown, the Integrated Dispatch console provides customers with a powerful PTT call management solution integrated with the Instant Connect real-time group communications solution. These elements are illustrated in the screen shots below and/or in screen shots provided in connection with other allegations herein.



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https://www.cisco.com/c/en/us/td/docs/interoperability_systems/c_instant_connect/502/instant_connect_android/cisco_instant_connect.pdf

19. In at least testing and usage, the Product displays the operation information on a screen (e.g., sent text messages, geolocations will be shown in the application interface of receiving devices) of said one of the plurality of equipment (e.g., Dillon Kane Instant Connect app

enabled handsets) that has "the floor" (e.g., who currently has the floor of a PTT conversation will nonetheless receive any text messages, geolocations, or photos sent via the application interface) and/or on a screen of at least another one of the plurality of equipment that has not taken "the floor" (e.g., other users in a group that will receive the sent messages, geolocations, etc., who do not currently hold the floor in a PTT call). These elements are illustrated in the screen shots below and/or the screen shots provided in connection with other allegations herein.

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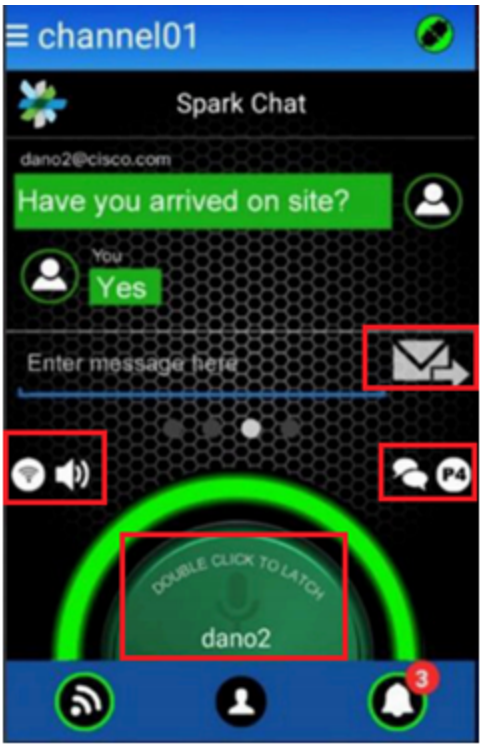

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20. Regarding Claim 3, in at least testing and usage, the Product utilizes equipment (e.g., Dillon Kane Instant Connect enabled handsets) for conducting a half-duplex talk session (e.g., PTT calls are half-duplexed wherein there is one caller and one receiver at all times) using a packet communication (e.g., IP-based PoC transmits voice as data packets) with other equipment (e.g., Dillon Kane Instant Connect enabled handsets) via a server (e.g., Dillon Kane Instant Connect IPICS server) into which the communication method (e.g., Dillon Kane Push-to-Talk mobile Application) according to claim 1 is loaded. As shown, the Product controls a communication relay (e.g., Dillon Kane IPICS server controls communication relay between devices) between a plurality of equipment (e.g., Dillon Kane Instant Connect enabled handsets) in a PoC service (e.g., Push-to-talk over cellular) which attains a half-duplex talk session (e.g., PTT communications) using packet communication (e.g., communication over an IP network). These elements are illustrated in the screen shots provided in connection with other allegations herein. These elements are further illustrated by the allegations above in connection with Claim 1. In at least testing and usage, the Product utilizes a transmitting unit (e.g., hardware and software that relays user selections in the application interface) that transmits key operations of said communication equipment to the server as operation information (e.g., corresponding data is sent to Dillon Kane Instant Connect IPICS server when a user utilizes a software based key to send a text, geolocation, personal alert, or photo to another user). As shown, the push to talk app interface contains various software-based keys that allow a user to send text message, geolocations, and personal alerts, during a half-duplex transmission (e.g., a PPT call). In at least testing and usage, the Product utilizes a receiving unit that receives the operation information (e.g., the recipient device will display an image, location, etc., that corresponds to a sender's selection of a particular service) transmitted from the server (e.g., via the Dillon Kane Instant Connect IPICS server) the

operation information indicating the key operation of respective equipment (e.g., corresponding data is received on recipient device from the Dillon Kane IPICS server per a sender's utilization of software based keys to send a text, photo, geolocation, personal alert, or voice recording). As shown, a recipient device will display a text message, location, etc., sent by a sending device.

21. Regarding Claim 4, in at least testing and usage, the Product transmits the acquired operation information (e.g., the user's selection of a specific operation (e.g., to send a text, geolocation, etc.) and any data corresponding to said operation (e.g., the text, geolocation)) to all of the equipment (e.g., Instant Connect enabled handsets communicating in a group) which are managed by a managing unit (e.g., Dillon Kane integrated dispatch console). These elements are illustrated in the screen shots provided in connection with other allegations herein and are further illustrated by the allegations above in connection with Claims 1 and 3.

22. Regarding Claim 5, in at least testing and usage, the Product displays the operation information on each screen (e.g., sent text messages, geolocations and alerts will be shown in the application interface of receiving devices) of said all of the equipment (e.g., all Dillon Kane Instant Connect enabled handset devices communicating in a group) to share the operation information among said all of the equipment (e.g., information regarding sent text messages, geolocations and alerts will be shown in the application interface of all receiving devices communicating in a group). As shown, a user can send a location, or text message, to all members of a particular communication group. These elements are illustrated in the screen shots provided in connection with other allegations herein and are further discussed in connection with claims 1, 3, and 4.

23. Defendant's actions complained of herein will continue unless Defendant is enjoined by this court.

24. Defendant's actions complained of herein are causing irreparable harm and

monetary damage to Plaintiff and will continue to do so unless and until Defendant is enjoined and restrained by this Court.

25. Plaintiff complies with 35 U.S.C. § 287.

PRAYER FOR RELIEF

WHEREFORE, Plaintiff asks the Court to:

(a) Enter judgment for Plaintiff on this Complaint on all causes of action asserted herein;

(b) Enter an Order enjoining Defendant, its agents, officers, servants, employees, attorneys, and all persons in active concert or participation with Defendant who receive notice of the order from further infringement of United States Patent No. 7,797,011 (or, in the alternative, awarding Plaintiff a running royalty from the time of judgment going forward);

(c) Award Plaintiff damages resulting from Defendant's infringement in accordance with 35 U.S.C. § 284;

(d) Award Plaintiff pre-judgment and post-judgment interest and costs; and

(e) Award Plaintiff such further relief to which the Court finds Plaintiff entitled under law or equity.

Dated: September 25, 2018

Respectfully submitted,

/s/ Isaac Rabicoff

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isaac@rabilaw.com
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