Technical Mapping of US Patent 7,773,729 Vs. MIR3 Intelligent Notification Services

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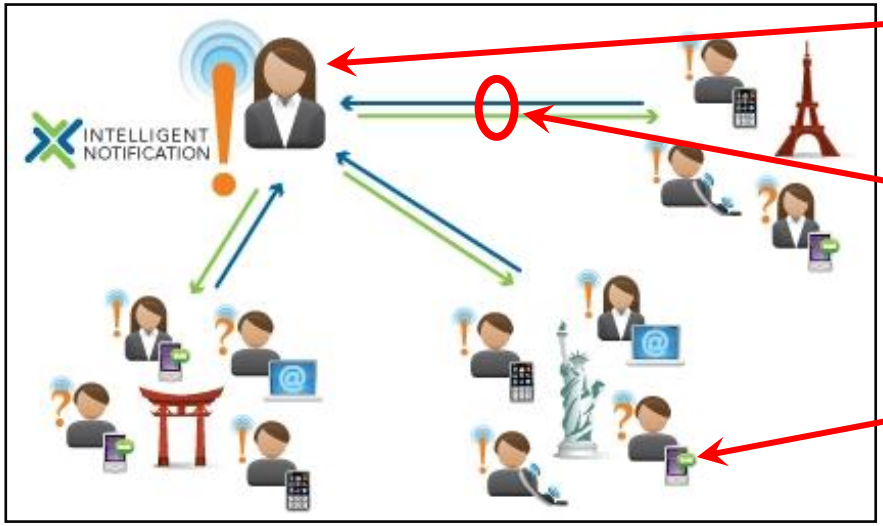
US7,773,729 – Technical Mapping of Claim 1

Claim Element	Evidence of Use: MIR3 Intelligent Notification Services	Comment
A digital notification and response system for preparing and transmitting at least one message from an administrator using at least one processor to at least one user on a network, wherein each user of the network has at least one user contact device, wherein the system comprises:	**"Intelligent Notification Emergency and Mass Notification Solution** **Easily notify and alert groups—from one to thousands—of business interruptions, pending disaster or simply for day-to-day communication.** Available as a hosted (SaaS), on-premise, or hybrid solution, Intelligent Notification is used for business continuity and disaster recovery, emergency notification, and to enhance efficiency and productivity throughout the enterprise." *[Source: http://www.mir3.com/inenterprise/]*	*MIR3 Intelligent Notification enables users to easily notify and alert groups.*

Patent Specification Ref. [Col. 1, Ln. 50]: "The **prior art methods implemented in commercially available unified messaging and device specific systems generally provide one-way delivery, with destinations defined by the sender. Unfortunately, prior art systems do not solve the need for originating a message, with attachment and response requirements, in a manner and format that is independent of the type of the device that is to be used for delivering the message to the recipients. Also, prior art systems do not permit the message notification methods to be defined by the recipients**, and do not include a facility for automatic processing and organization of message responses."

US7,773,729 – Technical Mapping of Claim 1

Claim Element	Evidence of Use: MIR3 Intelligent Notification Services	Comment
a. an administrator interface for transmitting a message from an administrator to at least one user contact device;	 **"Redundancy** MIR3 has the most resilient infrastructure in the industry, with **eight redundant data centers in remote locations** (SAS 70 type II audited). With a **state-of-the-art telephony infrastructure** that provides full fault tolerance to ensure important messages are delivered, Intelligent Notification is known for quality, reliability and scalability." *[Source: http://www.mir3.com/wp-content/uploads/2012/11/MIR3-IntelligentNotification-Datasheet.pdf]*	*Messages are transmitted from an administrator;* *Through an administrator interface;* *To at least one user contact device.* ***MIR3 employs a resilient infrastructure including geographically distributed data centers and a state of the art telephony infrastructure.***

Patent Specification Ref. [Col. 3, Ln. 47]: "The administrator interface **4** can be a local area network interface, **a wide area network interface**, a virtual private network interface, asynchronous transfer mode interface, a synchronous optical network interface, a call center, a voice mail, or other similar means to transmit a message to numerous contacts."

US7,773,729 – Technical Mapping of Claim 1

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b. a dynamic information database for preparing the message for transmission, wherein the dynamic information database comprises:	"**BENEFITS AND VALUE TO THE GLOBAL ORGANIZATION** Maintains data integrity by updating recipient data from your masterdatabase to the **MIR3 database**." *[Source: http://www02dn.mir3.com/Products/inEnterprise/inConnect.php]*	*Recipient data is updated to the MIR3 database.*

Patent Specification Ref. [Col. 6, Ln. 44]: "The dynamic information database **12 can be an SQL™ database, a MySQL™ database or other industry standard databases, an Oracle™ database, or other similar database** that can organize information in a similar manner."

US7,773,729 – Technical Mapping of Claim 1

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i. user contact data comprising user contact device information; and	"Available in three delivery models, SaaS (hosted software), on-premise or a hybrid of the two, Intelligent Notification is reliable and scalable enough to send thousands of notifications around the world at once. It's easy to use and will **send alerts to a range of devices including landline phones, cell phones, SMS, email, pager, BlackBerry PIN-to-PIN, fax, TTY and more**." *[Source: http://www.mir3.com/inenterprise/]*	*MIR3 intelligent notification sends alerts to a wide range of devices including landline phones, cell phones, SMS, email, BlackBerry.*

Patent Specification Ref. [Col. 4, Ln. 27]: "Examples of usable user contact devices include **handheld wireless devices, wireless phones, land phones, e-mail addresses**, digital displays, an light emitting diode (LED) display, fax machines, pagers, and similar devices that capable of receiving a message. **Examples of a handheld device includes a personal digital assistant (PDA), a Blackberry™, or a cellular phone**."

US7,773,729 – Technical Mapping of Claim 1

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ii. user selected grouping information comprising at least one group associated with each user of the network; and	 **Quickly launch mass notifications** Send a communication by simply logging into the Web interface, sending an email or making a phone call. Use existing message templates or easily create new notifications and recipient groups in seconds. *[Source: http://www.mir3.com/wp-content/uploads/2012/11/MIR3-IntelligentNotification-Datasheet.pdf]*	*New recipient groups can be created in seconds using the Web interface.*

Patent Specification Ref. [Col. 4, Ln. 18]: "Users of the system can be an entire establishment or an entire organizations, **such as a company, employees of company, an individual, a parent of a child, a fire and police department, a coach of a youth sports team, a team manager of a youth sports team, the manager of a major league sports team, sports team representative, a mom or dad of a sports team player, a commercial property manager, a school system, an adult, a security company, a restaurant, a hotel, or combinations thereof**."

US7,773,729 – Technical Mapping of Claim 1

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iii. response data comprising user response information that indicates the at least one user contact devices have received the message; and	**Two-way Messaging** The two-way messaging interface uses the Remedy API to provide responses to the Remedy Help Desk/AR System from the technician or service provider. For example, if the service provider is busy or does not answer, a Remedy diary field associated with the request is updated to indicate the type of problem that has been encountered. TelAlert 6e will automatically resend the message. When a message is successfully delivered, the diary field indicates the date and time the message was delivered to the device. *[Source: http://www.mir3.com/wp-content/uploads/2012/11/Integration_Sheet_TA6e_BMC_Remedy_Helpdesk.pdf]*	*If the service provider is busy or does not answer, a field is updated to indicate the type of problem.* *When the message is successfully delivered, the date and time are recorded.*

Patent Specification Ref. [Col. 4, Ln. 53]: "Once the message has been received by the one or more user contact devices, **a response can be transmitted from those contact devices that the message has been received**."

US7,773,729 – Technical Mapping of Claim 1

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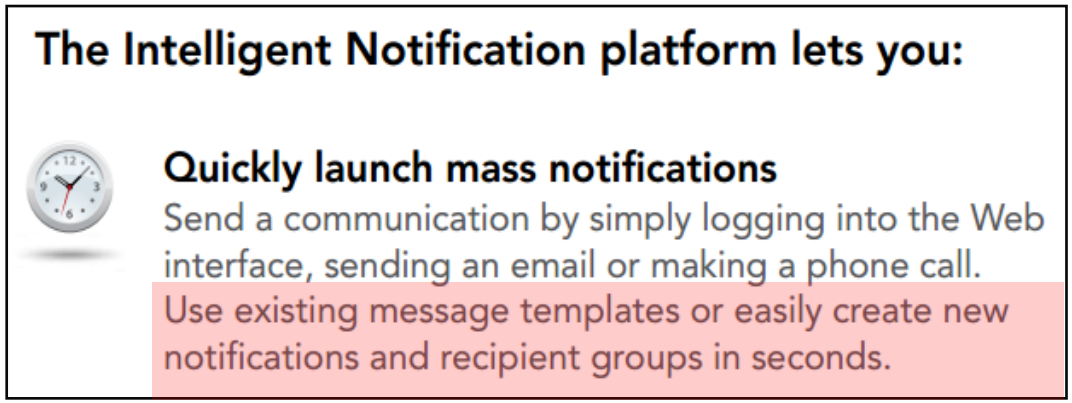
wherein the administrator initiates preparation and distribution of at least one message to the network using the user selected grouping information	 *[Source: http://www.mir3.com/wp-content/uploads/2012/11/MIR3-IntelligentNotification-Datasheet.pdf]*	*Messages may be prepared using existing message templates or by creating new notifications and recipient groups in seconds.*

Patent Specification Ref. [Col. 3, Ln. 10]: "The present embodiments provide a system that has a high speed notification and response system in which information is accessed and stored in a dynamic information database. The systems can be set to contact users automatically when specific conditions arise or to **contact a user or groups of users when initiated by an administrator**."

US7,773,729 – Technical Mapping of Claim 1

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and wherein the message is transmitted through at least two industry standard protocols simultaneously, and the message is received by the at least one user contact device in the network,	 *[Source: http://www.mir3.com/wp-content/uploads/2012/11/MIR3-IntelligentNotification-Datasheet.pdf]*	*Notify recipients by mobile phone, **SMS,** landline **(PSTN), email (SMTP)**, pager, BlackBerry, etc.*

Patent Specification Ref. [Col. 6, Ln. 47]: "The industry standard protocols can be a Megaco/H.248 protocol, **simple message transfer protocol (SMTP), a short message service protocol (SMS,)** a multimedia message service protocol (MMS), an enhanced message service protocol (EMS), a media protocol control protocol (MGCP), a SIP protocol, a H.323 protocol, and ISDN protocol, **a PSTN protocol**, and combinations thereof."

US7,773,729 – Technical Mapping of Claim 1

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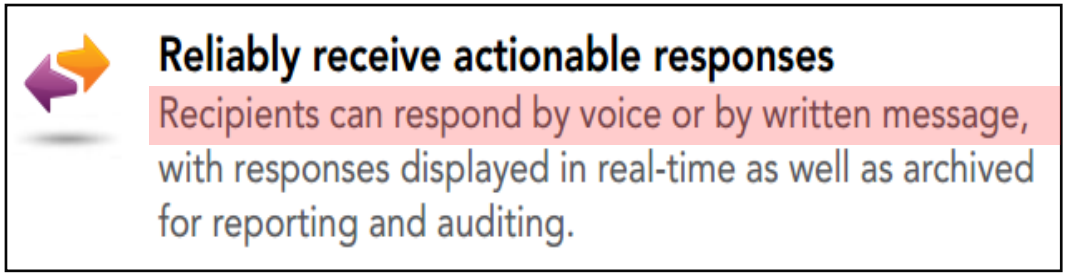
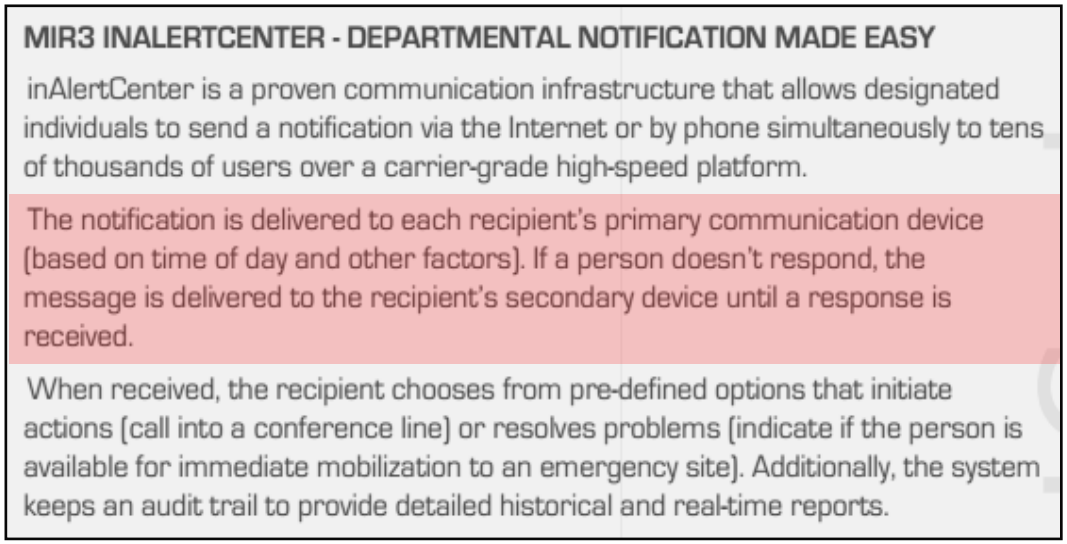
and the at least one user contact device transmits a response through the industry standard protocols to the dynamic information database.	 *[Source: http://www.mir3.com/wp-content/uploads/2012/11/MIR3-IntelligentNotification-Datasheet.pdf]*  *[Source: http://www.mir3.com/downloads/product_data_sheets/Product_inAlertCenter.pdf]*	*Recipients can respond by voice or by written message.* *Notification is delivered to each recipient's primary device. If a person doesn't respond, the message is delivered to the secondary device until a response is received.*

Patent Specification Ref. [Col. 7, Ln. 4]: "The administrator interface **4** can include a responder module **78** which can include a receiver function **80**, for **receiving responses from the user device that reply to the message**."

US7,773,729 – Technical Mapping of Claim 1

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and the at least one user contact device transmits a response through the industry standard protocols to the dynamic information database.	**Corporate Messaging** ➤ The ability to contact thousands of employees instantly with vital information globally via mobile or fixed phone, fax, SMS, pager, or email and receive timely confirmation of receipt in a single report *[Source: http://www.mir3.com/downloads/verticals/Vertical_inProduct_Finance.pdf]*	*MIR3 provides the ability to contact employees via mobile or fixed phone, fax, SMS, pager, or email and receive timely confirmation of receipt.*