

Good-bye to the Old PTT

**Hello to a New Way of Instant Voice
and Group Communications**

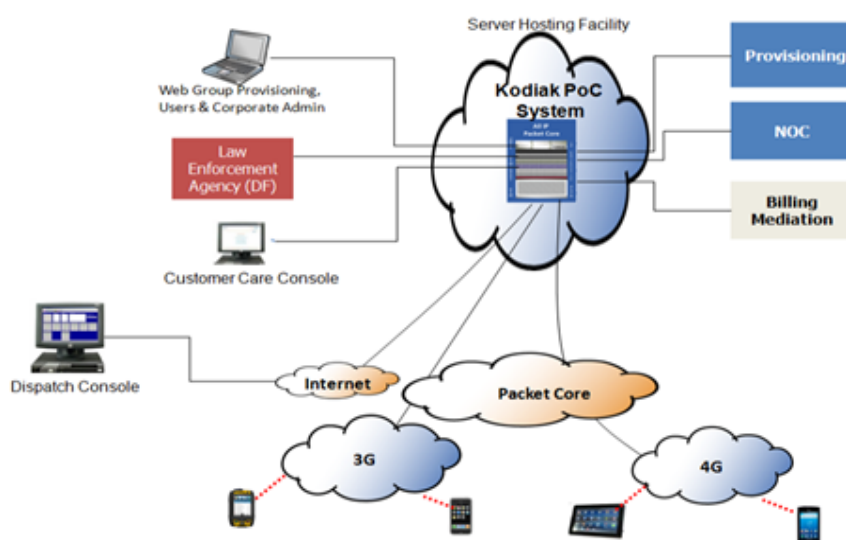


Kodiak-Powered PTT: The Ultimate New Standard of Push-to-Talk

The patent-pending Kodiak PTT platform (InstaPoC™) is a carrier-grade push-to-talk over cellular (PoC) solution that represents the ultimate new standard of push-to-talk (PTT). Sure, InstaPoC continues to provide the traditional core functions of PTT: instant voice and group communications. What makes it so distinctive is that it has redefined PTT.



Kodiak InstaPoC Network Architecture



Not the PTT You Think You May Know

Kodiak-powered PTT leverages and implements the latest advances of mobile communication technologies. Unlike the traditional Nextel PTT service, land mobile radio (LMR), or alternative PoC solutions that have been deployed by mainstream carriers, Kodiak-powered PTT delivers PTT in a whole new way:

- **PTT over not only 3G but also 4G LTE networks**, ensuring the fastest speed, best voice quality, and integration of numerous mobile communication applications.
- **PTT over Wi-Fi**, providing effective in-building coverage and leveraging Wi-Fi access points within organizations and hot spots offered by service providers.
- **Smart PTT**, offering PTT functionality on not only low-cost feature phones but also smartphones, with support for all major smartphone operating systems (Android, BlackBerry, iOS, and Windows Mobile/Windows Phone).
- **PTT on a desktop PC**, enabling easy integration into existing computing/communication infrastructure and workflows within organizations.



- **Standards based** (aligned with the Open Mobile Alliance’s PoC v. 2.0 standard), ensuring future-proof PTT service and eliminating lock-in to old technology and the cost of being forced to switch to new handsets and service plans in the future.
- **PTT and mobile broadband data on a single device**, enabling simplified, efficient, cost-effective, and feature-rich communications service for the mobile work force.

| Kodiak-Powered PTT vs. Alternatives | | | | |
|--|--|---------------------|-------------------------|---------------------------------|
| | Kodiak-Powered PTT | Nextel iDEN | LMR | PTT Using Alternative Platforms |
| Support for both 3G and 4G networks | Yes | No (2G only) | No | No (3G only) |
| PTT over Wi-Fi | Yes | No | No | No |
| PTT on a desktop PC | Yes | No | No | No |
| Handset choices | Feature phones & support for all major smartphones OS’s* | Feature phones only | LMR radio only | Limited handset choices |
| Single device for both PTT & mobile data | Yes | No | Minimal data capability | Limited handset choices |
| Standards-based | Yes | No | Partially | No |
| Future-proof | Yes | No | No | No |

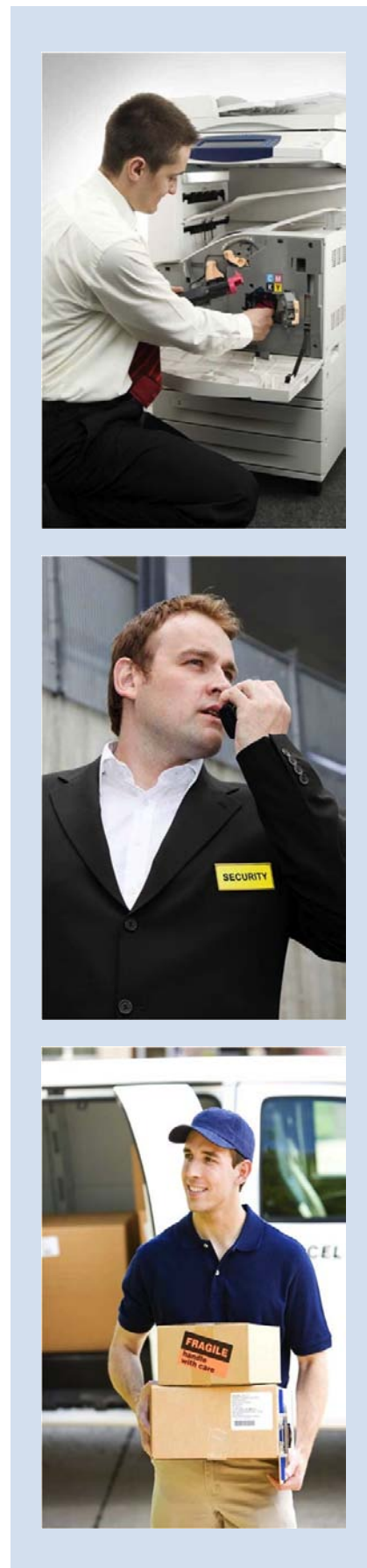
New Benchmark for PTT Performance and Features

In addition to redefining PTT, Kodiak-powered PTT sets a new benchmark for PTT performance and features by delivering the following to end users:

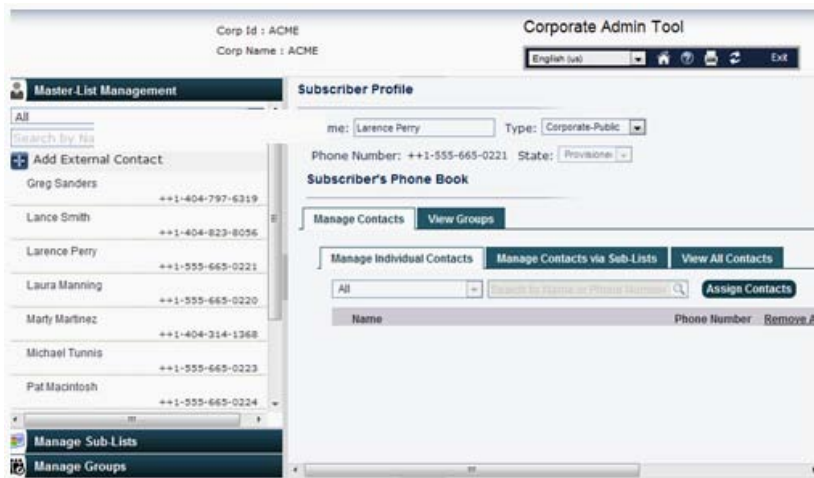
- Sub-second call set-up
- Superior voice quality
- Up to 1,300 contacts per client
- Up to 130 pre-defined group per client
- Up to 250 members per group
- Support for both pre-defined group calls and ad hoc group calls
- Real-time user presence (Available, Do Not Disturb, Offline)
- Allows a participant to join or rejoin a group call after it was started
- Supervisory override, which allows a supervisor to take the floor any time
- Convenient switch from an active PTT call to an incoming cellular call, with the PTT call put on hold

Tool for Centralized Contact and Group Management

Kodiak’s PTT platform comes with a feature-rich, Web-based Corporate Administrator Tool (CAT). With this tool, an administrator can efficiently manage contacts and groups for all PTT users within the organization, eliminating the need for individual users to create and manage contacts and groups on client devices. The tool provides the following key capabilities to an administrator:



- Manage a master list of all PTT subscribers within the corporation and external PTT contacts.
- Assign and update PTT contacts, groups, and sub-groups, which are synchronized with PTT users' handsets wirelessly, in real time.
- Assign and manage supervisor override and dispatchers.
- View corporate hierarchy (view subscribers from the master-list in a hierarchical structure).

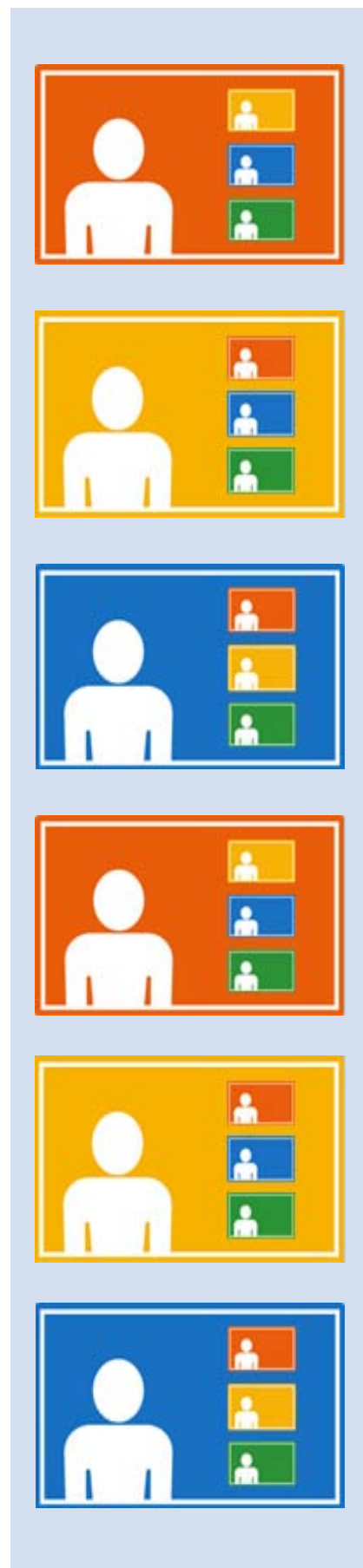
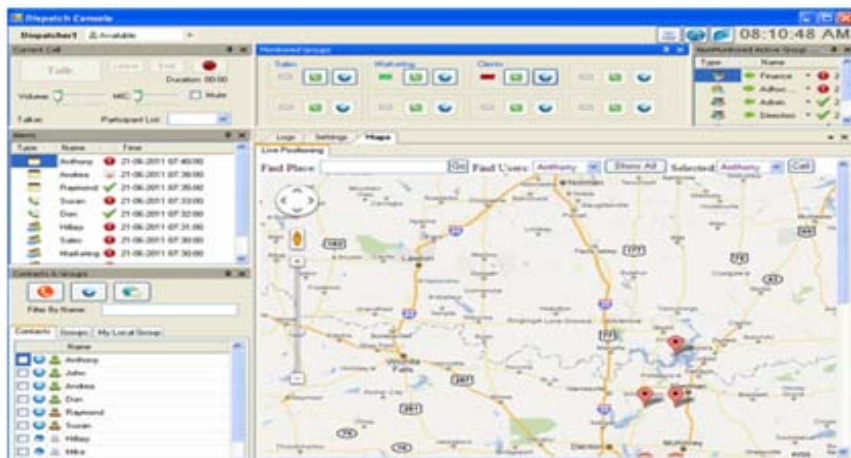


Integrated Dispatch Console

Kodiak also offers a Windows-based dispatch console. The dispatcher can attach a cellular data card to the PC or simply use Wi-Fi for communication with the field work force. The Dispatch Console from Kodiak provides the following key features:

- PTT calling by the dispatcher
- Dispatcher override for PTT calls
- Presence and instant call-me alert
- Group monitoring
- GPS-based location tracking
- Call recording
- History and logging

To organizations that already use or want to use a third-party dispatch console, Kodiak provides API's to ensure integration into customers' existing business communication systems and processes.



Evolving Mobile Work Force Management and Next Generation of PTT

A key component of mobile work force management is communication. While mobile technologies have continuously evolved, so has work force management. Today, organizations that have a mobile workforce face the following challenges:

- Demand for real-time intelligence or information, such as field workers' status and location
- Fragmentation of communication technologies in silos (e.g., LMR, 2G/3G/4G cellular, Wi-Fi, wireline, etc.)
- Proliferation of new mobile devices and applications (two-way radio, smartphones, tablets, etc.)
- Pressure to reduce communication costs and increase communication efficiencies
- Diverse needs of different functions of the workforce
- Changing organizational structure due to streamlined operations, increasingly matrixed environment, closer cooperation with partners, etc.

Kodiak-powered PTT retains the traditional strengths of PTT and offers numerous new capabilities and features that can help organizations optimize mobile work force communication and management.



| Challenges of Mobile Workforce Management | How Kodiak-Powered PTT Can Help Meet the Challenges |
|--|--|
| Demand for real-time intelligence or information | <ul style="list-style-type: none"> • Real-time presence • PTT-enabled smartphones with built-in GPS • Integration of voice and data on mobile devices |
| Fragmentation of communication technologies in silos | <ul style="list-style-type: none"> • Integration of communication applications • Interoperability between LMR and cellular • PTT over both cellular and Wi-Fi • PTT on a desktop PC |
| Proliferation of new mobile devices and applications | <ul style="list-style-type: none"> • Consolidation of mobile devices into a single smartphone or tablet that can support both PTT and other applications |
| Pressure to reduce communication costs and increase communication efficiencies | <ul style="list-style-type: none"> • Instant voice and group communication • Future-proof PTT service • Leverage of existing commercial cellular networks |
| Diverse needs of different functions of the mobile workforce | <ul style="list-style-type: none"> • Versatility of 3G/4G networks and PTT-enabled smartphones |
| Changing organizational structure | <ul style="list-style-type: none"> • Centralized management of internal/external contacts and real-time synchronization with mobile workers' PTT handsets • Increase of contacts/groups on the PTT handset |

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