SIMOCO

Experience seamless communication with Velocity Xtend

In a world where effective communication is the backbone of success, Velocity Xtend stands out as the optimal choice for customers seeking a reliable Push to Talk solution. Offering a seamless integration of features such as LTE and Wi-Fi connectivity, dynamic talk group selection, and encrypted communications, Velocity Xtend transforms smartphones, tablets and traditional radio terminals with the addition of Simoco's Velocity into powerful communication tools. Whether you require standalone operation or integration with DMR Tier III systems, the flexibility of deployment options, combined with cloud-based provisioning and native device support, ensures that Velocity Xtend adapts to your unique needs. With the ability to maintain audio delivery even when the application is minimised, support for various call types, and shared numbering space with management tools, Velocity Xtend goes beyond a conventional Push-to-talk application.

Empower your workforce with Velocity Xtend

Velocity Xtend elevates your team's communication, fosters efficiency, and allows you to stay ahead in today's rapidly evolving business landscape. Unlock the full potential of instant communication with Velocity Xtend, a robust Push-to-talk application designed for smartphones and tablets. Whether you're in the field, on-site, or managing operations remotely, Velocity Xtend ensures that your team stays connected effortlessly.

Affordable and cost effective

Velocity Xtend is affordable and cost-effective, offering powerful Push-to-talk features without compromising quality. Enhance communication without breaking the budget.

Flexibility

Whether your organisation demands an on-premise or cloud server setup, we customise your communication infrastructure with flexible deployment models that adapt seamlessly to your specific requirements.

Broadband Push-to-talk

Keep costs under control with a fixed subscription for the Velocity Xtend broadband Push-to-talk solution. Managing your devices, subscribers, groups, and network is made easy with the Velocity Xtend administration console. Seamlessly integrating with smartphones and tablets ensures instant, secure, and efficient connectivity for streamlined collaboration across diverse environments.

Easy to use and manage

Velocity Xtend is user-friendly and easy to manage, offering an intuitive interface and cloud-based provisioning. Simplify communication with seamless controls, making it effortless for users and administrators alike.

Key features*

PoC for smartphones and tablets

Experience the convenience of Push-to-talk on your iOS or Android devices, turning your smartphones and tablets into powerful communication tools.

LTE and/or Wi-Fi connectivity

Stay connected with high-speed LTE or Wi-Fi connectivity, ensuring reliable communication even in challenging environments.

Call types

• Group Calls: Support for up to 16 simultaneous talk groups.
• Individual Calls: Direct, one-on-one communication.
• Text Messaging: Instantly share important information with team members.

Native iOS/Android notifications

Receive instant notifications for calls and messages directly on your native iOS or Android devices.

Shared numbering space and management tools

Seamlessly integrate Velocity Xtend with your connected DMR Tier III system, sharing the same numbering space and management tools.

Native device support

• Corded Headsets
• Bluetooth Headsets/Vehicles
• Bluetooth PTT Buttons
• Integrated PTT Buttons

Standalone or seamless DMR Tier III integrated
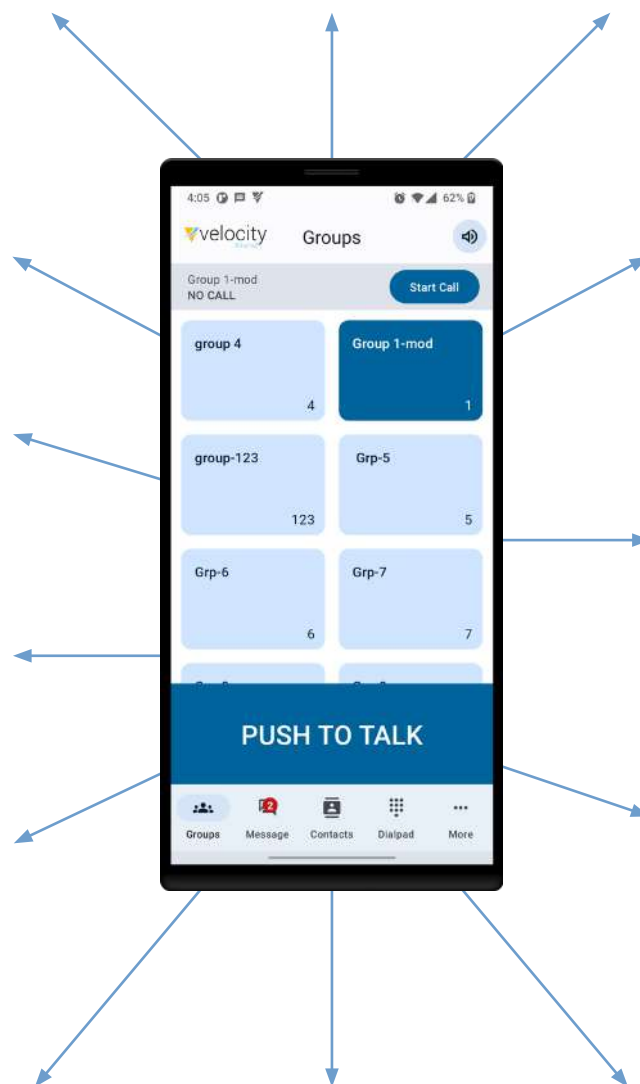
Choose between standalone operation or seamless integration with DMR Tier III systems, providing flexibility based on your communication needs.

DMR dialpad support

Effortlessly dial and connect with DMR dial pad support, streamlining your communication process.

Audio delivery with minimised app

Ensure continuous communication even with the app minimised on iOS and Android devices, providing uninterrupted workflow.

Cloud-based provisioning and personality updates

Effortlessly manage identity credentials, talk group lists, and address books through secure cloud-based provisioning and personality updates.

Encrypted communications

Prioritise security with end-to-end encrypted communications, ensuring the confidentiality of sensitive information.

On-premise or Cloud server

Tailor your communication infrastructure with the option of On-Premise or Cloud server deployment, adapting to your organisation's requirements.

Radio-centric operation

Dynamic control over talk group selection empowers users, ensuring efficient and effective communication in any situation.
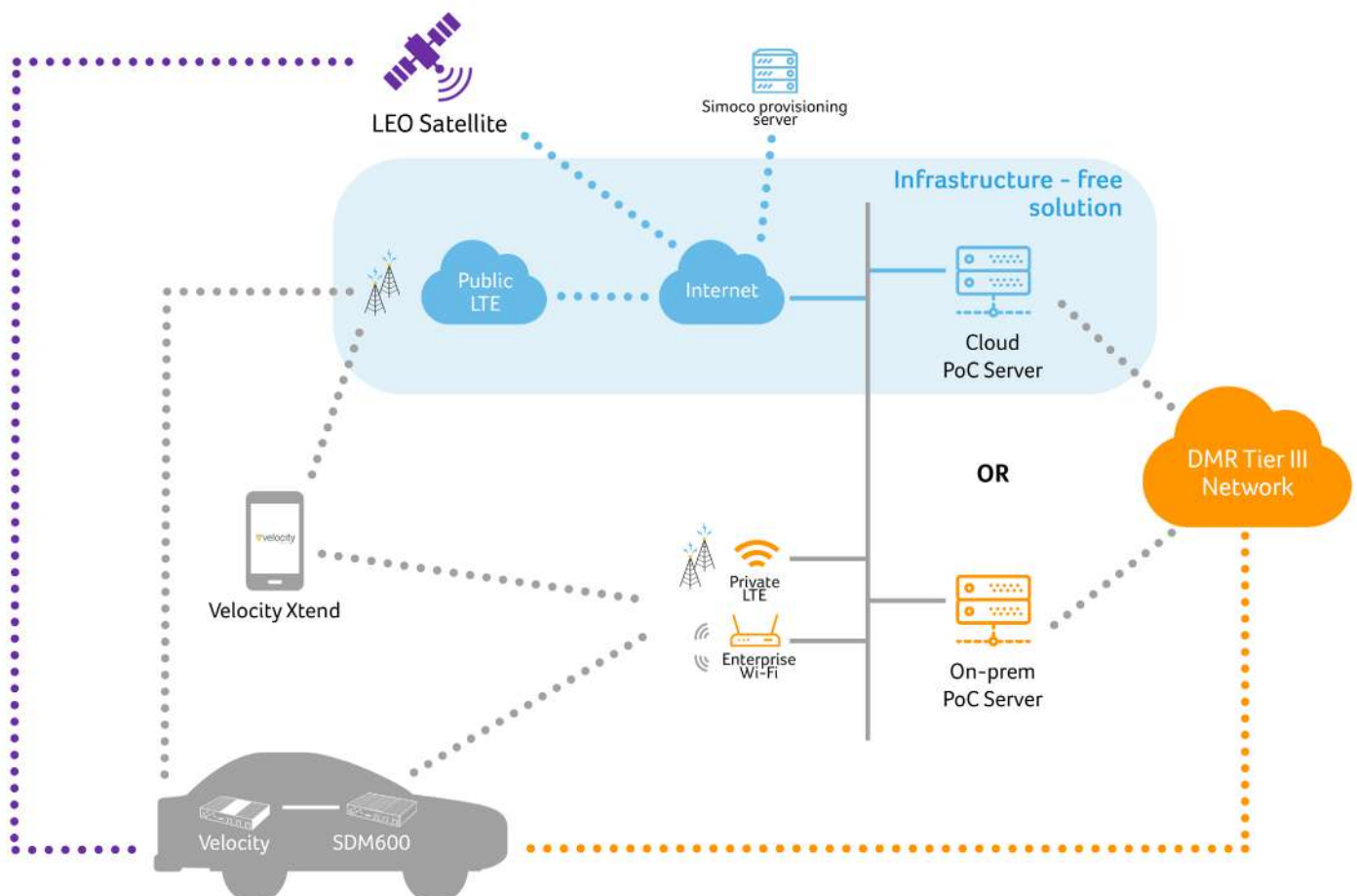
*Key features also apply to mobile radios and radio terminals

Unleashing efficiency: Infrastructure-free solutions

In remote locations, traditional networks often fail, leaving dead spots between sites. Address this challenge with Velocity Xtend, an infrastructure-free communication solution designed for isolated environments like mining sites. By leveraging workers' existing mobile phones, it eliminates the need for traditional radio terminals, ensuring continuous connectivity between distant locations.

Velocity's edge computing expands possibilities, turning vehicles into mobile hubs. Transform your fleet into Wi-Fi hotspots, enabling communication through radio, cellular, or satellite devices like smartphones and tablets. This converged communication, free from fixed infrastructure, delivers a real-time solution for wide, sparsely populated areas. Embrace the opportunity for always-on, reliable voice, and digital services, leveraging the decreasing costs of satellite communications. Plus, with integration with LEO services for remote area coverage, you can bring the network with you wherever you go.
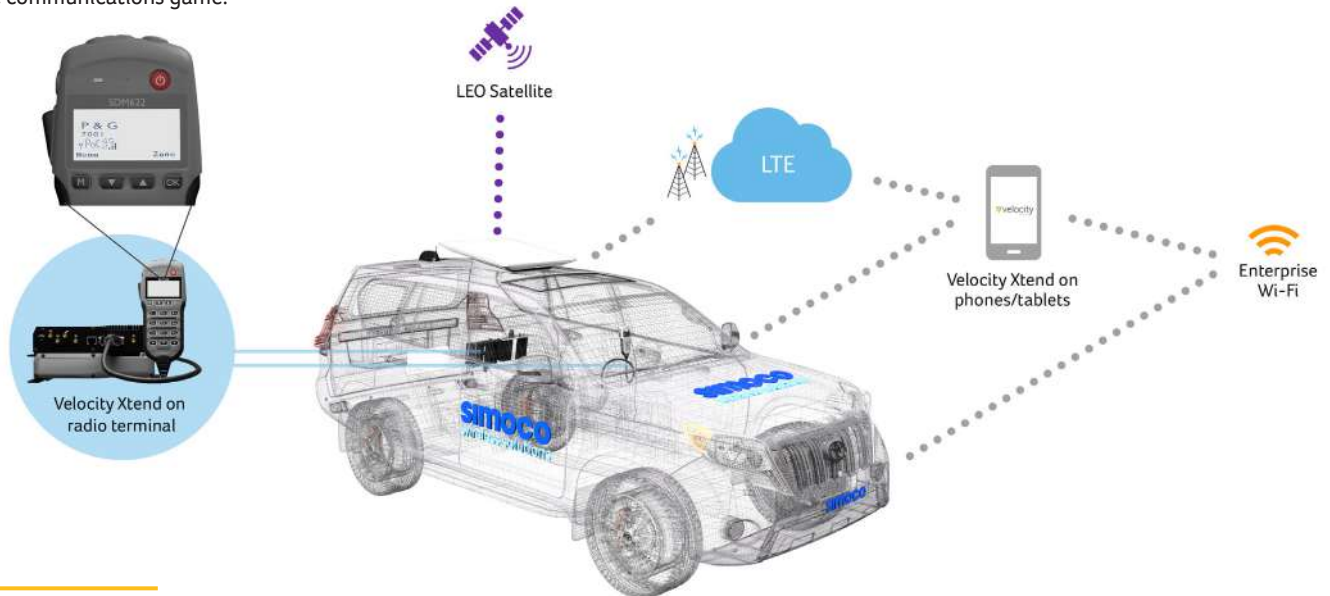
Xtend can seamlessly integrate into larger solutions, offering more than just Push-to-talk (PoC) communications. The in-vehicle Velocity (PoC 'Gateway') provides additional functionalities beyond voice, including emergency pendants integration, emergency alerts, and welfare trackers as well as AVL (Automatic Vehicle Location) capabilities. With Xtend, your communication needs are not only met but exceeded, ensuring safety, efficiency, and connectivity across your operations.

SIMOCO™

Enhanced vehicle communication solutions: Integrating traditional radio with DMR, LTE, and Satellite connectivity

Traditional mobile radio equipment in vehicles is indispensable, but it faces limitations outside radio network coverage areas. Enter Velocity, a game-changer. When combined with mobile radios, it creates a hybrid network that seamlessly switches between radio infrastructure, Long Term Evolution (LTE), or satellite services like Starlink, OneWeb, or Iridium—ensuring connectivity regardless of location. Moreover, the Velocity unit doubles up as a Wi-Fi hotspot, empowering field operators even further.

Our tailored solutions maximise your existing mobile radio investment, minimising hardware costs. Plus, we seamlessly integrate with dispatch systems, customising dashboards for real-time personnel monitoring in control room environments. From critical event alerts to operational insights, our Xtend platform offers unmatched flexibility for overcoming communication challenges in vehicle environments. Choose Xtend to elevate your vehicle communications game.

Why choose Velocity Xtend?

Velocity Xtend empowers your team with a comprehensive Push-to-talk solution tailored for industries like mining and local councils but perfect for environments where communication infrastructure is limited. Seamlessly blending advanced features with effortless integration, Xtend enhances your team's communication strategy, ensuring you stay efficient in your operations.

Resembling traditional radio functionality

Xtend, powered by Velocity, presents a unified communications solution resembling traditional radio functionality, adaptable across various platforms such as DMR, LTE, and satellite. What sets Xtend with Velocity apart in the marketplace is its rugged in-vehicle user interface, akin to a radio, delivering the same reliability trusted for over 80 years.

Deployment options

Powered by the AWS Cloud, Xtend offers a cost-effective solution with a predictable, low-cost per user subscription fee. Say goodbye to capital expenses and long-term commitments. With a choice of cloud-based deployment or on-premises server, you have full control over costs, knowing exactly what you're spending.

Boost your business with Push-to-talk communications

Enhance efficiency and streamline operations by connecting people and devices through Push-to-talk communications. Getting started is simple. Reach out to us and discover the benefits for your business.

Download now

The Xtend app is available for iOS and Android devices.

Stay connected. Stay productive. Velocity Xtend.