
GRACE INDUSTRIES ANNOUNCES THE RELEASE OF GRACE IN-COMMAND Φ FULL VIEW GPS™ EMERGENCY SIGNALING AND AUTOMATED ACCOUNTABILITY SYSTEM FEATURING

Fredonia, PA USA, September 14th, 2018 - Grace Fire Fighter is pleased to announce a new NFPA compliant Firefighter GPS enabled Emergency Signaling and Automated Accountability System. Grace In-Command Φ Full View GPS™, combined with the latest NFPA compliant stand-alone TPASS $\text{®}5\Phi$ GPS advanced wireless RF PASS, is a Firefighter Emergency Signaling and Automated GPS-Locating Accountability System designed to directly support Wildland firefighting and Search and Rescue (SAR) operations. Grace In-Command Φ Full View GPS™ can be deployed with a user's existing air support, UAV or drone to create a large aerial coverage area to protect all firefighters at all times, in all environments and all locations.

The new TPASS $\text{®}5\Phi$ GPS is a Firefighter's all-in-one Accountability tool and primary NFPA-compliant Stand-Alone RF PASS alarm. When used with the Grace In-Command Φ Full View GPS™ system, TPASS $\text{®}5\Phi$ GPS becomes a stand-alone NFPA compliant RF PASS Accountability System with the added benefit of displaying outdoor GPS location of the Firefighter. This system uses its own stand-alone wireless RF signaling, separate from any existing voice radio systems providing incident command with the ability to monitor and locate Firefighters. In-Command Φ Full View GPS™ features real-time safety monitoring of all Firefighters with TPASS $\text{®}5\Phi$ GPS including MAYDAY distress alarms and allows incident command to issue automated wireless RF signaling of Personnel Accountability Report (PAR), ROLL CALL and EVAC commands.

According to Grace Industries President Bob Campman, "The fire service has demanded a product with the ability to identify the location of a Firefighter; Grace In-Command Φ Full View GPS™ with one-of-a-kind GPS mapping meets this demand and is the ultimate tool to monitor Firefighter safety through emergency wireless RF signaling while simultaneously providing a high performance automated accountability system with Firefighter outdoor mapping and location".

A problem exists for Wildland Firefighters and Search and Rescue (SAR) teams who do not use the traditional SCBA with integrated PASS alarm. Unlike structural firefighters, Wildland Firefighters often face dangers without any type of personal safety monitoring or the ability to pinpoint their exact location; Grace In-Command Φ Full View GPS™ and TPASS $\text{®}5\Phi$ GPS solves this problem and provides seamless Automated Accountability.

Grace In-Command Φ Full View GPS™ adds to the features of the popular In-Command ® Full Crew Emergency Signaling and Accountability System with new capability of mapping the outdoor GPS location of Firefighters. For those current users of In-Command ® Full Crew, this new version includes the GPS mapping feature. Both, Grace In-Command Φ Full View GPS™ and In-Command ® Full Crew operate with SuperPASS $\text{®}5X$ and TPASS $\text{®}5$ (non-GPS) to feature real-time safety monitoring of all Firefighters; including MAYDAY distress alarms, plus allows incident command to issue automated wireless RF signaling of Personnel Accountability Report (PAR), ROLLCALL and EVAC commands with displayed acknowledgement from the Firefighter. This is the only system available featuring a Firefighter's mapped GPS location with the new 2018 NFPA-compliant TPASS $\text{®}5\Phi$ GPS.

For Wildland and SAR operations, Grace In-Command Φ Full View GPS™ works best with a TPASS ® Micro Repeater affixed to a user's air support, UAV or drone creating an aerial advantage expanding the signal range up to several miles to provide the incident commander/air boss with a full mapped view of the fire ground and location of Firefighters equipped with TPASS $\text{®}5\Phi$ GPS. For smaller areas of operation, the TPASS ® Micro Repeater can even be hung from a user's mobile command tower to increase the coverage footprint.

The In-Command Φ Full View GPS™ PC software includes a static mapping tool allowing the user to import custom map layers using industry-standard .kml and .shp files from their own GIS sources. Grace In-Command Φ Full View GPS™ can also be used with several active internet-connected mapping sites, such as, ESRI and Bing mapping service for active incident monitoring, or to download and create pre-planned cached maps for off-line use.

Since 1974, with close to a million PASS alarms sold, Grace Industries continues to be known as a pioneer in the development and manufacture of standalone Firefighter PASS and RF PASS Firefighter Emergency Signaling and Automated Accountability Systems including being known as a pioneer developer of "Solutions for Life Safety" within Industrial, Mining and Transportation markets in more than 31 countries. Grace offers a diverse suite of wireless RF Lone Worker personal safety products and visual and audible alerting safety products.

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Many firefighter accountability systems in use today are manually-operated and complex, requiring dedicated personnel to manage and do not protect all firefighters on the fire ground. Because these systems rely on a PASS that is integrated within the SCBA, these systems leave the remaining fire ground personnel outside of the hot zone unprotected. Grace's In-Command[®] First-In and In-Command[®] Full Crew Emergency Signaling Accountability Systems are the fire industry's only NFPA compliant accountability systems that will support stand-alone RF PASS and protect firefighters when they remove their SCBA.

The Grace In-Command[®] First-In Emergency Signaling Accountability System does not require integration with breathing apparatus and is designed to support all members including personnel of a smaller department's "first-in" crew who do not always have the time or personnel to set-up a full accountability system. When used with the In-Command[®] First-In Tablet Application, the In-Command[®] First-In Emergency Signaling Accountability System is an NFPA compliant accountability system. First-In Tablet is simple to use and quick to deploy. The heart of the system is the Wi-Fi enabled Incident Alarm Monitor used to communicate with the In-Command[®] First-In Tablet App for Android. The Incident Alarm Monitor also is used to alert fire ground personnel with an extremely loud siren, strobe light and provides an EVAC push-button to send an RF Evacuation signal to TPASS[®]5/5X.

In-Command[®] Full Crew is a second NFPA compliant PC based Emergency Signaling and Automated Accountability System designed with all of the features of In-Command[®] First-In and with advanced features that fit the operational structure of larger departments. In-Command[®] Full Crew provides mutual-aid accountability and monitoring using Windows 7 version software designed for use on laptops and Windows tablets.

Grace Industries' President Bob Campman states, "The SuperPASS[®] 5X and TPASS[®]5 solve two common fire ground problems. First, one created by high traffic on radio voice channels. Radio voice PAR check traffic creates congestion that competes with fire ground voice radio traffic. Our proprietary and patented Automated PAR check replaces the traditional manual PAR check performed on the radio voice channel. The Automated PAR check is now part of our affordable, Automated RF PASS Accountability System, designed to fit the operational needs of both large and small fire departments. Secondly, a standalone PASS or RF PASS solves the problem of limited protection given to only those fire fighters inside the hot zone with SCBA integrated PASS. As required by NFPA1500, now all fire personnel, both inside and outside the hot zone are protected by wearing a standalone SuperPASS[®]5, SuperPASS[®]5X, or TPASS[®]5 that does not require the use of SCBA."

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