hypha

Genasys™

i.safe MOBILE

ecom

CODAN COMMUNICATIONS | DTC

MOTOROLA SOLUTIONS

TRBOnet Dispatch Systems

Cambium Networks

ATEX & IS

Secure Operations, Seamless Communication: Elevating Safety in Mining

Our Mining portfolio targets where remote and harsh environments demand reliable connectivity and safety measures. These products, including satellite communication systems, ruggedised devices, and specialised networking equipment, facilitate seamless communication between remote sites and headquarters, ensuring operational efficiency and worker safety. They enable a swift emergency response through devices like satellite phones and two-way radios, support real-time monitoring and control systems crucial for overseeing operations, and provide high-speed data connectivity for efficient data transmission and analysis. Customised solutions tailored to the industry's unique challenges, such as rugged hardware and secure communication protocols, ensure safety always comes first.

Reliable communication in challenging environment Danimex Communication with its market leading communication solutions can provide you with radios that are ATEX certified and can withstand major environmental threats such as explosive gases, extreme temperatures, combustible dust, noise, rain and toxic exposure.

"Safe and reliable communication"

Cutting-Edge ATEX Solutions for the Mining Industry

The MOTOTRBO ATEX devices, such as the DP4000 Ex Series, are designed to provide high-quality communication solutions with comprehensive user safety features for use in environments containing potentially explosive gas and dust. These devices, like the DP4401 Ex ATEX Portable Two-Way Radio, offer best-in-class audio, text messaging capabilities, integrated GPS, and security features like scrambling or encryption for increased safety and communication reliability.

Additionally, TRBOnet solutions complement these ATEX devices by enhancing communication efficiency and management. TRBOnet is a powerful dispatch software that integrates seamlessly with MOTOTRBO radios, enabling advanced features like GPS tracking, voice recording, and real-time monitoring of radio activity. This combination of digital mobile radio technology and MOTOTRBO ATEX devices with TRBOnet solutions ensures a comprehensive communication system that is both secure and efficient for industries operating in hazardous environments.

MOTOROLA SOLUTIONS

TRBOnet Dispatch Systems

ADVANTAGES OF DIGITAL

» *Clear voice communication and noise-cancelling accessories ensure the message gets through the first time.*

» *Integrated GPS location tracking to locate personnel at any given time, inside or outside the facility.*

» *Longer battery life to last throughout lengthy shifts.*

» *Greater capacity for hundreds of workgroups.*

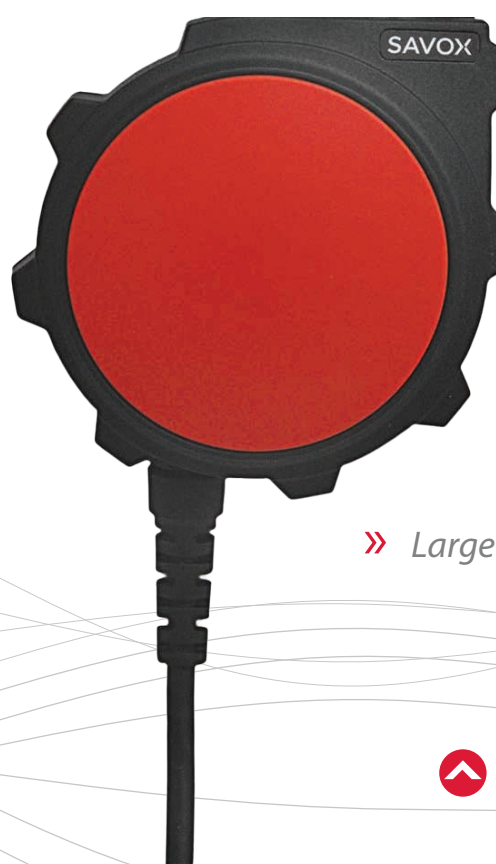MOTOROLA

DP4401 Ex

GAS

DUST

MOISTURE

EXTREME

HAZARDOUS

Enhance Safety and Efficiency with Savox in Hazardous Environments

Savox offers a range of ATEX accessories tailored for the oil and gas sector, providing essential communication solutions for hazardous environments. Among these offerings is the Savox Classic Noise-Com 400 Ex Heavy Duty Headset, designed to meet the most demanding needs of workers in these environments. This headset not only provides hearing protection but also features noise-canceling capabilities, ensuring clear and effective communication even in high-noise situations. With a robust design and ATEX certification, the Savox Classic Noise-Com 400 Ex Heavy Duty Headset is a reliable choice for enhancing safety and efficiency in the most challenging settings. Trust Savox to deliver top-quality accessories that prioritise safety and performance in any critical industry.

SAVOX

C-C440 FEATURES

» Dustproof and water submersible (IP67)

» Extra large push-to-talk button

» Excellent tactile feel and operation; suitable for wearing under clothing and with gloves

» Large 360° rotating clip

SAVOX

NOISE-COM 400 EX FEATURES

» Protects hearing (SNR 30 dB)

» Ex approved - can be used in potentially dangerous mine atmosphere (Toxic or explosive)

» Replaceable mic and ear cushions

» Mounts easily into construction helmets (list of certified helmets from Sales)

» Durable design

Empower Safety with ATEX Tough POC Devices from ECOM

The ATEX Tough POC (Push-to-Talk over Cellular) devices from ECOM are designed to provide reliable and secure communication solutions for hazardous environments, catering specifically to the needs of industries like oil, gas, and mining. These devices offer robust features that ensure effective communication in challenging conditions while maintaining safety standards. The ECOM ATEX Smart-Ex® 02 DZ2 device, is intrinsically safe and certified for use in Zone 2/22 hazardous areas. This device combines the functionality of a smartphone with the durability required for industrial settings, enabling workers to communicate seamlessly and efficiently in potentially explosive atmospheres. Trust ECOM's ATEX devices to enhance communication capabilities and safety protocols in critical work environments.

"Connect with your team anywhere, anytime"

ZONE 2

ZONE 1

Your Trusted Partner for ATEX-Certified Communication Solutions

ISAFE offers ATEX Tough POC (Push-to-Talk over Cellular) devices designed to provide secure and reliable communication solutions for hazardous environments. The ISAFE IS530.1, is an intrinsically safe ATEX smartphone certified for use in Zone 1/21 hazardous areas. This device combines the functionality of a smartphone with the durability required for industrial settings, ensuring seamless communication in potentially explosive atmospheres. ISAFE's ATEX devices are built to enhance communication capabilities and safety protocols in critical work environments, making them a trusted choice for industries like mining.

i.safe MOBILE

Learn more about our solution for the Mining industry.

Watch Now!

DISCOVER OUR CASE STUDY AND SOLUTIONS PAGE!

DIVE INTO SUCCESS STORIES
Explore real-life examples of how we've partnered with clients to overcome obstacles and achieve remarkable results. Get valuable insights and ideas for your own business endeavours!
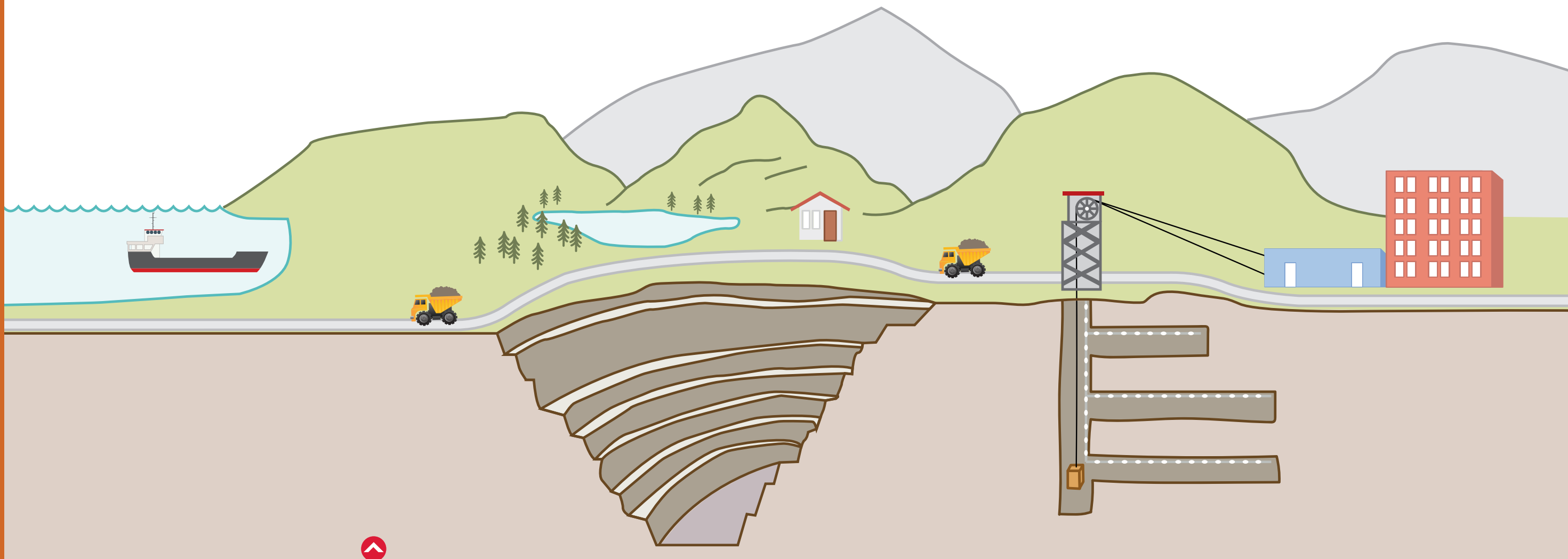
TAILORED SOLUTIONS FOR YOU
Are you looking for solutions to your specific business needs? There is no need to look any further! Our Solutions page offers a range of tailored options to streamline operations, enhance customer experience, boost productivity, and optimise your digital presence. We've got the answers you're looking for!

VISIT NOW
Ready to unlock your potential? Head over to our Case Study and Solutions page at to discover the path to success.

Securing Mining Operations

Avigilon, a prominent provider of security solutions, offers a range of cutting-edge products tailored for the oil, gas, and mining sector in the Europe, Middle East, and Africa region. Avigilon's security products, including advanced video surveillance systems, access control solutions, and video analytics technology, are designed to enhance security measures in high-risk environments. Their innovative security cameras, such as the Avigilon Control Center (ACC) software and H4 Multisensor camera series, provide comprehensive monitoring capabilities with high-definition video quality and intelligent analytics for proactive threat detection.
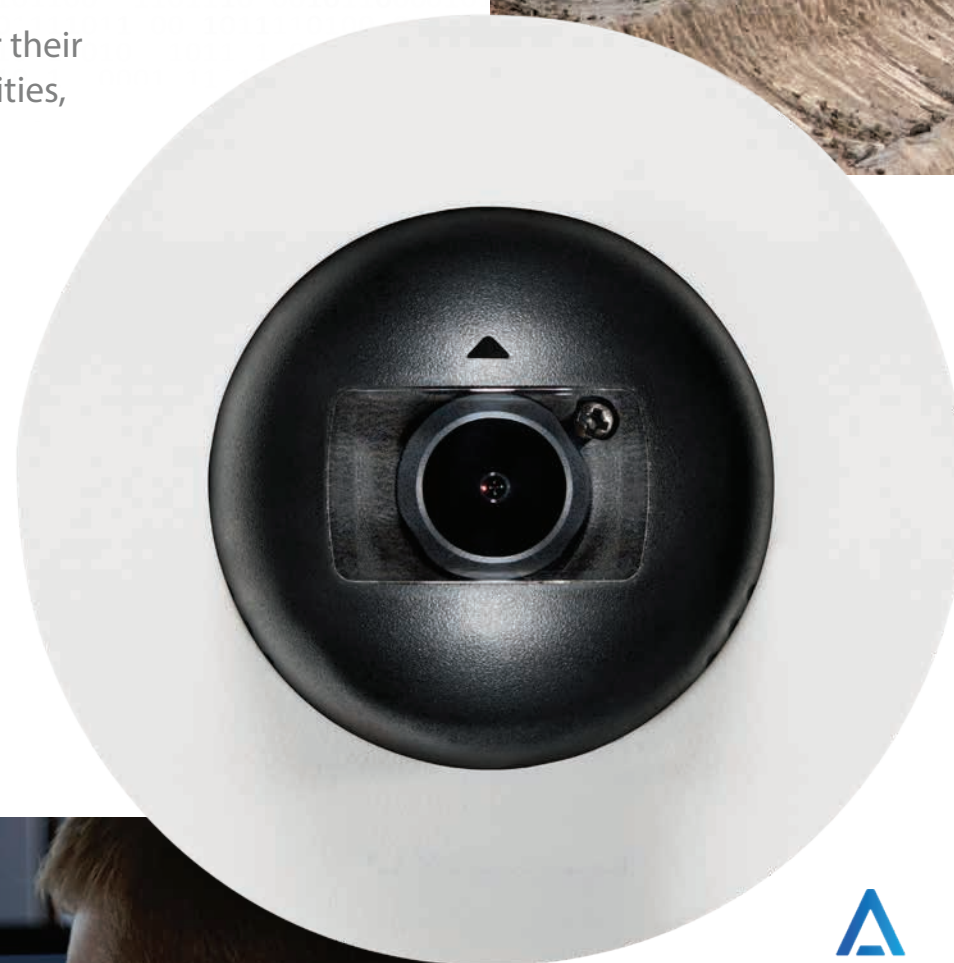
Avigilon's solutions are widely recognised for their reliability, scalability, and integration capabilities, making them ideal for securing critical infrastructure and remote sites in the mining industry. With a strong presence in the global security market and a track record of successful deployments, Avigilon's security products are trusted by organisations worldwide to safeguard assets, personnel, and operations effectively.

A well-designed and professionally installed security system is crucial for businesses to ensure the safety of their facilities and employees, help to reduce costs and risks, prevent and deter crime, keep employees honest, encourage good behavior, prevent safety incidents, and assist law enforcement.

INTEGRATED SITE ACCESS CONTROL AND VIDEO SECURITY TECHNOLOGIES ARE DESIGNED TO HELP YOU PROTECT WHAT MATTERS MOST — YOUR PEOPLE, PROPERTY AND ASSETS.

» *Greater visibility, no matter the condition*
Our video security cameras use IR and Wide Dynamic Range to help you see through dust, debris, poor weather and darkness so that you can maintain awareness of your site under any conditions.

» *Technology that instantly alerts*
Our surveillance system features cameras that can identify breaches in your perimeter for your review to reduce false alarms and respond quickly when necessary.

» *Occupancy counting analytics*
Prevent overcrowding with occupancy counting analytics that alert you if too many people congregate in a single area so that you can take action.

AVIGILON UNITY

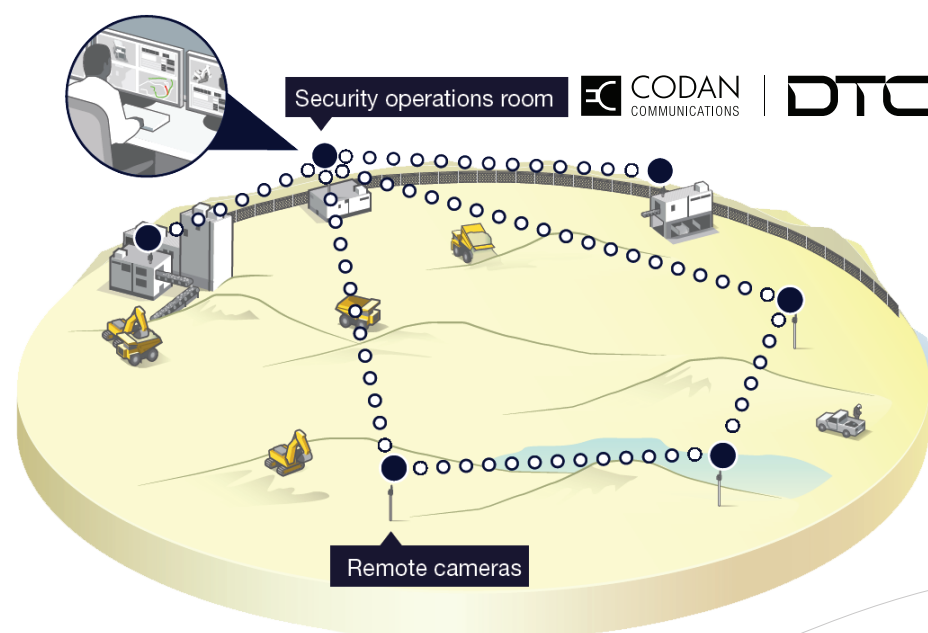John Smith

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Exploring Mesh System Dynamics

Hypha Mesh, developed by Wireless Innovation, offers innovative solutions like the Hypha CAP tailored for the oil, gas, and mining sector. The Hypha CAP is a ruggedised device designed to provide uninterrupted network connectivity in challenging environments, ensuring reliable communication for first responders and emergency services. With features like a hot-swap battery pack for extended operation, robust engineering, and a user-friendly interface, the Hypha CAP enhances operational efficiency and safety in critical situations. The Hypha Mesh ecosystem, including the Hypha CAP, plays a vital role in supporting mission-critical communications and ensuring effective performance for organisations operating in the specified regions.

Domo Tactical Communications (DTC) offers a comprehensive range of solutions, including their Netnote and Software-Defined Radios (SDRs), tailored for the mining sector. DTC's Netnote technology provides a seamless self-forming, self-healing Mobile Adhoc Network (MANET) networking capability, ensuring ultra-low latency, end-to-end encryption, and unparalleled robustness in challenging environments. This technology enables reliable communication and data transfer, essential for enhancing operational efficiency and security in the industry.

Revolutionising Mining Operations with Advanced IT Networks

In the dynamic landscape of the mining sector, Cambium Networks offers cutting-edge IT network solutions tailored to meet the unique demands of the industry. Specifically, the Cambium PTP 450 and 670 series, along with the CnPilot and CnMaestro platforms, stand out as robust tools designed to enhance security and efficiency across operations in Europe, the Middle East, and Africa. The Cambium PTP 450 and 670 provide reliable point-to-point connectivity, ensuring seamless communication and data transfer within remote and challenging environments. Paired with the CnPilot access points, these solutions offer secure and high-performance wireless connectivity for on-site operations. Furthermore, the CnMaestro network management system centralises control and monitoring, enabling streamlined security protocols and proactive threat detection.

By leveraging Cambium's comprehensive suite of products, organisations in the mining sector can fortify their networks, enhance operational resilience, and drive productivity in the EMEA regions.

Genasys™

Mass Communication and Emergency Situations

Genasys Inc., a leading provider of protective communications solutions, offers cutting-edge security products tailored for the oil, gas, and mining sector. Specifically, their Long Range Acoustic Device (LRAD) solutions stand out as a game-changer in enhancing security across Europe, the Middle East, and Africa.

These LRAD systems, such as the LRAD-1950XL and LRAD 360-XT, deliver unparalleled long-range communication capabilities with ranges of up to 5,000 meters in ideal conditions. Designed to provide clear instructions, warnings, and alert tones, these devices are crucial for effective communication and de-escalation in potentially dangerous situations. Genasys' LRAD technology has been combat-tested and proven over time, making it a standard for long-range communication and scalable escalation of force. With deployments in over 100 countries and various cities, including applications in public safety, defense, border security, and critical infrastructure protection, Genasys' LRAD systems play a vital role in bolstering security measures in these regions.every broadcast is clearly heard, even above crowd, engine, and background noise.

Ensuring Safety and Connectivity in Challenging Environments

Savox's Hardline Rescue Kits are a pinnacle of technical rescue equipment, specifically crafted for confined spaces, collapse rescue, urban search and rescue, and high angle rescue scenarios. These kits, exemplified by the Savox Hardline Rescue Kit 5 with Power Talk Box, facilitate simultaneous two-way voice communication between rescuers and victims, ensuring efficient coordination and swift response in critical situations. The Rescue Kit 5 is designed to accommodate six rescuers and is equipped with features like hands-free communication, compatibility with encapsulated suits and breathing apparatuses, private network capabilities, and intrinsically safe approval in various global regions. This comprehensive kit includes essential components such as the CSI-2100 command module, Power Talk Box, various cable splitters and extensions, headsets, face mask rescue comsets with speakers, cables with connectors of different lengths, and a durable carry case. Notably, these kits are rugged, reliable, chemical-resistant, emit no RF signals, and are certified for safe use in hazardous environments. Savox's Hardline Rescue Kits stand out as indispensable tools for enhancing safety and communication in challenging rescue operations across diverse industries.

SAVOX