Welcome to a World of Professional Radio Communications

The power of true simplicity & scalability

∞DAMM
Critical communication made easy

Unlock a new level of connectivity, efficiency, and cost savings

Specialised in user-friendly, robust, fit-for-purpose solutions that assure uninterrupted connectivity and flawless integration - even in the most demanding and harsh environments.

Seamless connections, uninterrupted operations
DAMM excels in crafting critical communication solutions, the bedrock of security and reliability. Our expertise ensures uninterrupted communication, a lifeline when it matters most.

Clarity amidst chaos
We simplify complex critical communication into a user-friendly interface, promoting swift decision-making and, often, saving lives. Our tools are indispensable for those safeguarding lives and assets in the toughest situations.

Control with precision
Whether you choose our ground-breaking outdoor or indoor solutions, DAMM delivers a private network with precision in control, coverage, capacity, and cost. You decide who accesses the network and the priority hierarchy.

Efficient voice and data services
Clear group calls, rapid emergency responses, and seamless individual conversations - our voice services shine, while real-time data sharing complements our offerings for a service free from disruptions.

Tailored for you
Customise the DAMM system to fit your unique needs. Features like dispatch consoles, voice loggers, and third-party integration enhance your experience.

Predictable cost management
With DAMM, maintain cost-effectiveness and peak performance throughout your network's lifecycle.

Active on the world stage
DAMM Systems are currently operational in thousands of mission-critical communications applications worldwide, demonstrating their outstanding durability. Industries and sectors we work with include:

- Rail & metro networks
- Airports
- Mining
- Offshore operations
- Oil & Gas
- Utilities
- Regional operators
- Military
- Public safety

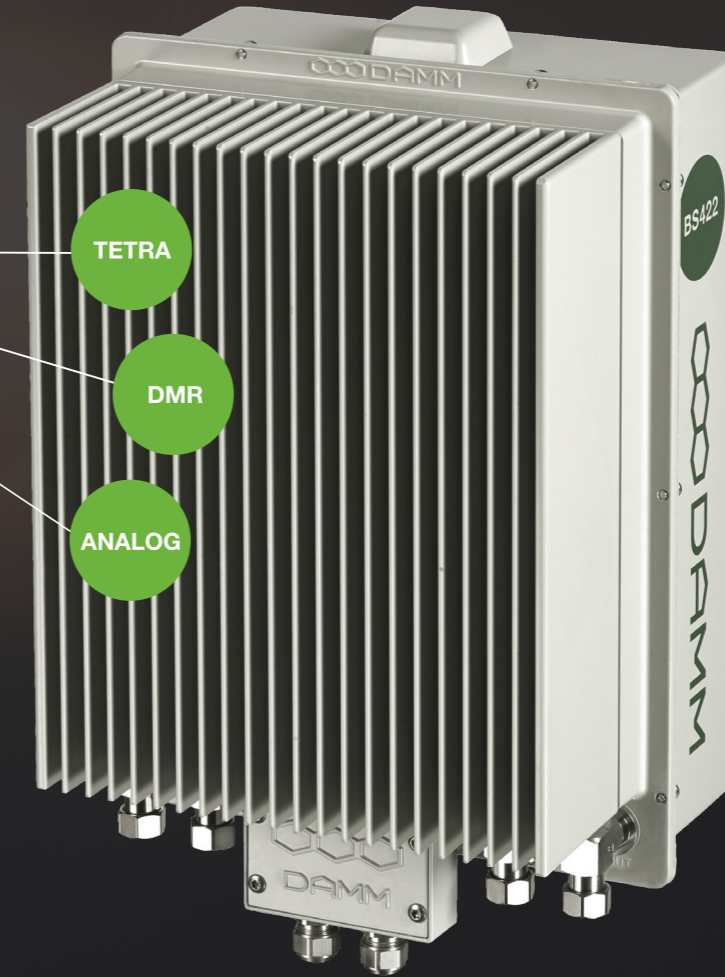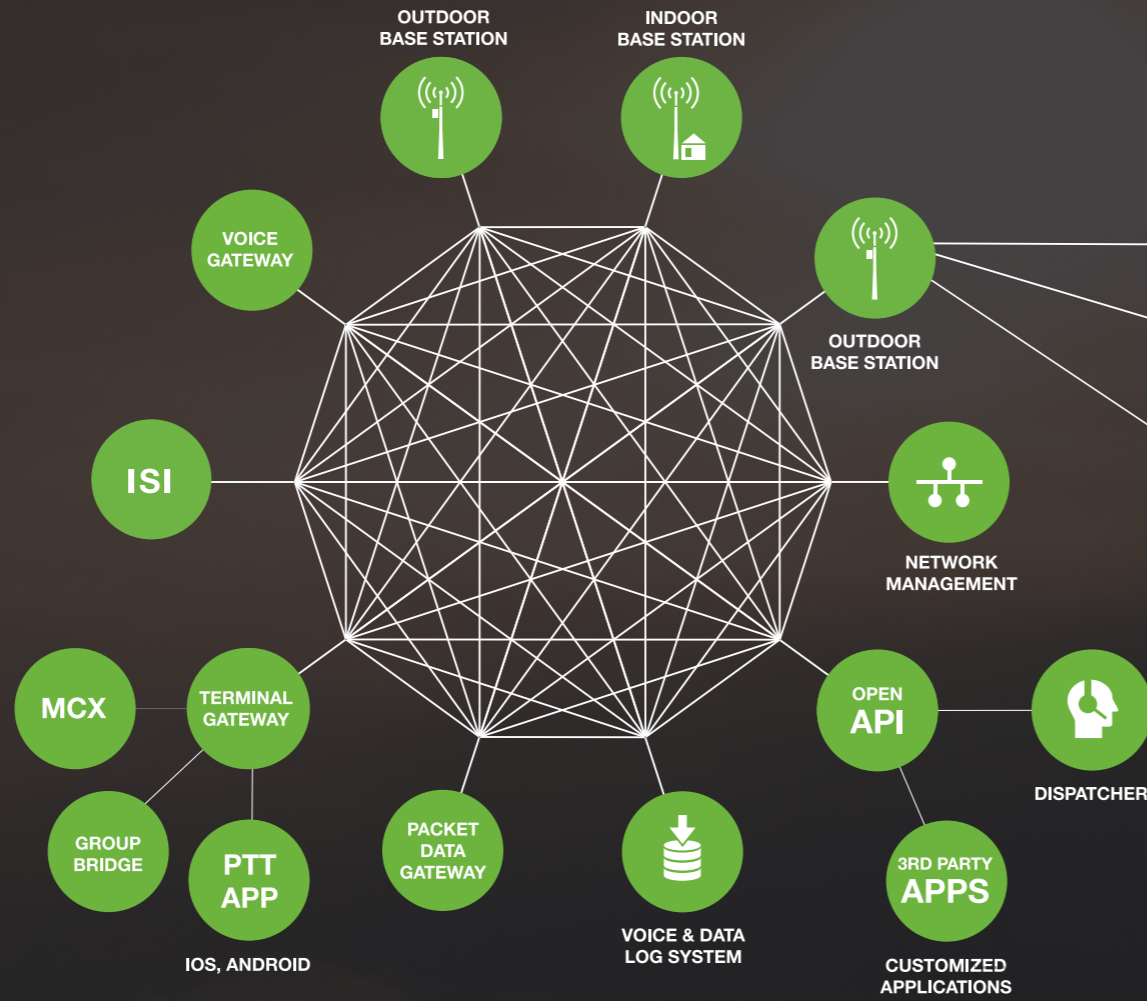We will be pleased to provide case studies of recent projects on request.

DAMM Outdoor Base Station BS422
The most compact, high-power, mast-mounted outdoor systems available.

Did you know?

Our flat distributed IP architecture and intuitive software work together to enable effortless self-configuring site expansion. You can add or integrate all network components – including base stations, dispatchers, network management facilities and external gateways – at any time - even while the system is in operation.

Now across all technology modes, supported by the DAMM MultiTech Platform

OUTDOOR BASE STATION

INDOOR BASE STATION

VOICE GATEWAY

OUTDOOR BASE STATION

TETRA

DMR

ANALOG

ISI

NETWORK MANAGEMENT

MCX

TERMINAL GATEWAY

OPEN API

DISPATCHER

GROUP BRIDGE

PTT APP

PACKET DATA GATEWAY

VOICE & DATA LOG SYSTEM

3RD PARTY APPS

IOS, ANDROID

CUSTOMIZED APPLICATIONS

BS422

DAMM MultiTech Platform

Multi-Technology - Featuring TETRA, DMR and Analogue in one box

Multi-Frequency - Extending coverage by supporting VHF and UHF across all its technologies

Multi-Carrier - Extending capacity by supporting up to four carriers across all its technologies

Frequency Sharing - Broadening coverage with a reduced license requirement

MultiTech Security - Multi-layer encryption providing a relentless defence against evolving threats

The DAMM System

Introducing DAMM's communication system: Adaptable, secure, and reliable. Tailored for mission-critical needs when always-on connectivity is not an option, it's a necessity.

Streamlined setup, effortless maintenance
Streamlining the entire process, from initial installation to expansion, our plug 'n' play solutions are swiftly set up on buildings, towers, tunnels, or trucks, eliminating the need for costly shelters and air-conditioning. Our straightforward maintenance approach, coupled with a one-view management capability, expedites issue resolution to ensure minimal downtime to keep operations on track and within budget.

Limitless scalability, effortless growth
The system is designed to scale from a single site to a national network, matching your evolving requirements with unparalleled ease. Without the need for additional hardware, our decentralised architecture seamlessly integrates new sites, adapting to evolving voice and data needs while

keeping your network live and responsive.

Future-proof integration
In a rapidly evolving tech landscape, DAMM's software-defined core seamlessly integrates DMR, TETRA, analogue, or any hybrid combination, ensuring your system remains valuable and efficient for years. Optional licensed features allow you to tailor our solution to meet your unique needs.

Green efficiency
DAMM's system, with unmatched low power consumption, not only reduces expenses but also contributes to a greener future. Solar power compatibility enhances sustainability and potential savings, making it a future-oriented solution in every aspect.

Unlock freedom and flexibility
Our decentralised network infrastructure offers freedom and flexibility. The DAMM system seamlessly integrates third-party applications, is vendor-independent, and gives you the power of choice. Optimise frequency utilisation, extend reach, and conquer new territories while maintaining control over costs and complexity.

Built to endure
Engineered for resilience and endurance, our products thrive in challenging conditions. Adaptable installations suit any location, offering unwavering performance in extreme temperatures, shocks, vibrations, and wet conditions. Proven in the field, they eliminate worries about aging infrastructure or climate-related failures.

Securing your digital frontier
In an evolving threat landscape, we are committed to fortifying security with our Multi-Tech Security that integrates multilayer backbone encryption into all DAMM solutions. Offering heightened protection to every voice and data exchange and exceeding regulatory requirements and standard enhancements..

Built-in interoperability
DAMM's communication system prioritises seamless collaboration across agencies and regions, acting as a unifying bridge. Ensuring professionals can easily share critical information and coordinate efforts, regardless of location, underscores DAMM's dedication to inclusivity and effective communication for safety and success.

Build and manage your solutions across technologies

100% IP-based decentralized infrastructure - Combine compact indoor and rugged outdoor base stations – now even across TETRA, DMR and Analog

Manage your assets with built-in applications including Network Management, Dispatcher, Voice & Data Log System

Use any radio with the DAMM System

Use your tablet or smartphone to **extend coverage and data capacity** with Android or iOS soft terminals

Outdoor mounted systems

Revolutionise your radio network with outdoor mounted technology to experience faster deployment, substantial cost savings, and superior coverage - without compromise!

Are you ready to transform the way you think about PMR/LMR networks? The traditional approach to network coverage is a thing of the past. No more complex indoor base stations, expensive shelters, and redundant systems. It's time for a revolutionary shift, introducing the future of PMR/LMR networks.

Experience a game-changing outdoor-mounted network powered by our versatile MultiTech Outdoor Base Station BS422. Here's why it's a game-changer:

- **Completely outdoor mounted:** Say goodbye to indoor complexities.
- **Quick deployment:** Connect in minutes, not months.
- **No nore shelter costs:** Eliminate construction and maintenance expenses.

- **Significantly reduced footprint:** Streamlined for efficiency.
- **Unmatched TCO:** Scalable capital expenditure and lifetime savings on operating expenses
- **Higher performance:** Experience unprecedented coverage expansion.
- **Simple capacity expansion:** Think big, start small, scale fast.
- **Built to last:** Engineered for resilience and endurance.

Eliminating costly and complex shelters
Improve financial efficiency by unlocking the potential of our outdoor-mountable solution. No more hefty price tags for construction, ongoing maintenance, power, climate control, or redundancy. Accelerate deployment and reduce expenses by eliminating traditional shelters.

Easy to install, maintain, and expand
A one-box solution for efficient operations and swift issue resolution. Effortless expansion without additional hardware or combiners. Seamlessly integrate new sites into your network with its decentralised architecture and self-configuring capabilities.

Lower footprint, low power, and solar efficient
The BS422 drastically cuts operational costs with its minimal heat generation, eliminating the need for external cooling units. Contribute to a greener future with reduced environmental footprint and solar power compatibility.
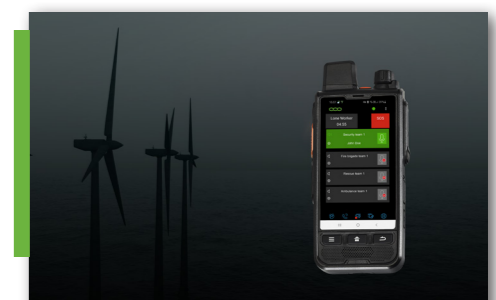
Higher performance and built to last
Experience unparalleled coverage expansion and

extended range. Engineered for resilience and endurance, our outdoor-mounted base stations thrive in challenging environments. Proven in the field, they stand strong, eliminating worries about aging infrastructure or climate-related failures.
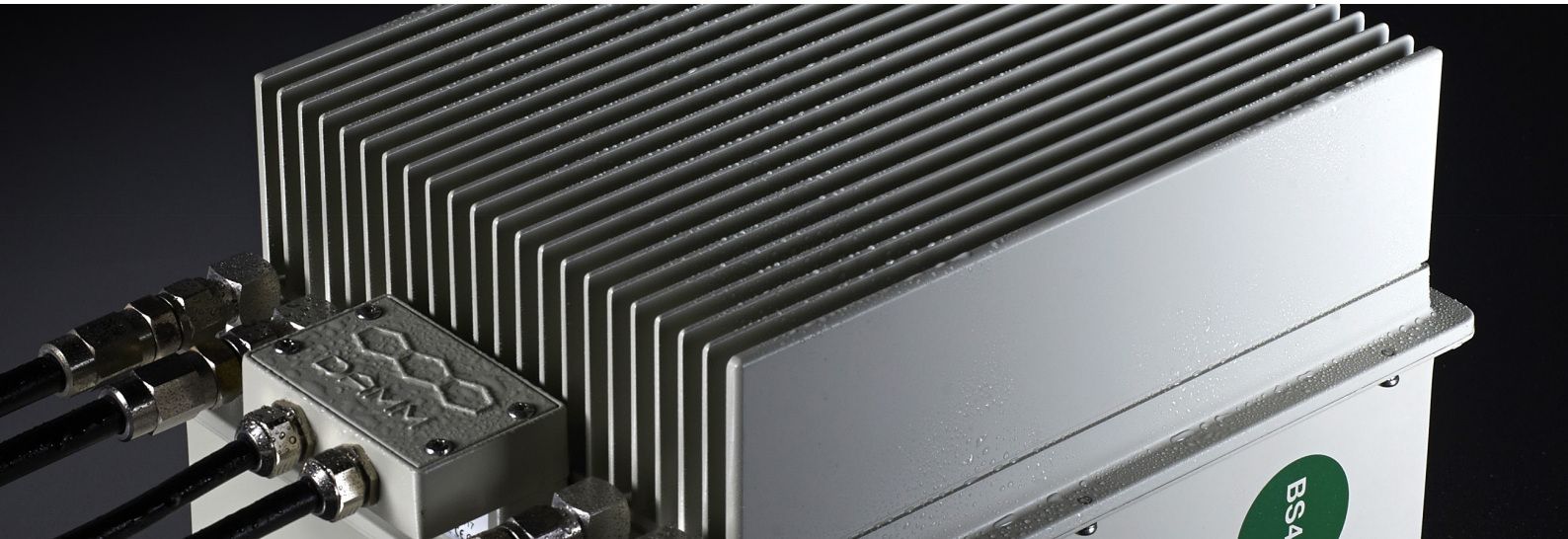
Extended coverage with fewer licenses
Maximise frequency efficiency and expand coverage without the complexities of acquiring additional licenses. Our system allows you to enjoy cost-free frequency-sharing functionality, providing unparalleled ease and flexibility across technologies. Transform your communication without compromise with the MultiTech BS422.

TETRA and DMR over LTE

Benefit from coverage extension as well as data capacity for videos and pictures with the DAMM PTT - available for Android and iOS. Stay vendor independent and fulfill the needs for non-critical voice & data communication operating through WiFi, UMTS(3G) and LTE(4G) networks.

Experts in Critical Radio and Broadband Communication

DAMM has been a leader in professional radio communications since 1981. Through superior engineering and a constant focus on reducing complexity and costs, we are one of the global leaders in Mission Critical Communication today.

Thosands of successful projects worldwide have proved the durability and cost-effectiveness of our solutions. They have also earned us a reputation for providing the most scalable, flexible, future-proof and user-friendly infrastructure on the market.

DAMM holds the prestigious ISO 14001 certificate. And we are continuously setting new targets for reducing the environmental impact of our products, production and daily work processes.

To support our state-of-the-art DAMM Systems, DAMM has built an extensive global network of certified system and application partners. We only choose highly experienced partners with substantial knowledge and experience of critical communication.

For more information or to find a certified DAMM System Partner near you, please visit dammcellular.com

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