

EMISSIONS & NOISE SOLUTIONS FOR MISSION-CRITICAL DATA CENTERS

Integrated emissions and silencing solutions designed to meet Tier 4 Final requirements



- ↓ CO
- ↓ HCs
- ↓ NOx
- ↓ PM₁₀



COMPLIANCE WITHOUT COMPROMISE

PURPOSE-BUILT FOR DATA CENTERS

MIRATECH designs and delivers integrated emissions and silencing solutions for mission-critical data center standby power systems. We partner with owners and operators to support compliance, reliability, and uptime as data center capacity continues to scale.

Data center generators are subject to Tier 4 Final emissions requirements, even during limited testing and emergency operation. MIRATECH systems are engineered specifically for standby duty cycles, ensuring reliable performance after long idle periods.

By combining emissions control, integrated silencing, and system-level engineering, MIRATECH provides solutions that fit space-constrained sites without compromising uptime or future scalability.

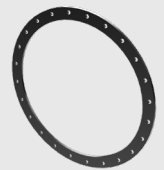
ACCESSORIES



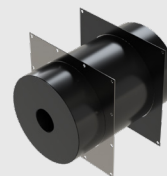
STACKS



RAINCAPS



FLANGES



THIMBLES



EXPANSION JOINTS

DATA CENTER SOLUTIONS

**DATA CENTER INSTALLATION**

DESIGNED AS A COMPLETE SYSTEM

MIRATECH data center systems extend beyond aftertreatment hardware to include integrated silencers, Diesel Particulate Filters (DPF), Selective Catalytic Reduction (SCR), exhaust piping, and supporting accessories engineered to work together. Treating these elements as a single system simplifies layout, coordination, and installation onsite.

Systems are designed with a plug-and-play approach, using pre-engineered, pre-configured, and skidded solutions where possible to reduce installation time and onsite complexity. This approach supports faster deployment while maintaining predictable performance in space-constrained data center environments.

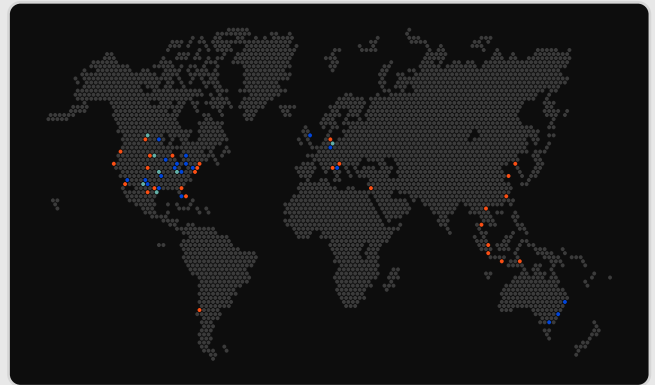
Each system is built for standby generator operation and supported by controls, monitoring, and lifecycle services. From early design through commissioning and long-term support, MIRATECH delivers scalable solutions aligned with the operational, regulatory, and reliability demands of hyperscale, colocation, and enterprise facilities.

MAXIM SILENCERS

Maxim Silencers deliver critical-grade noise control for data center standby power applications, with configurations designed to meet site-specific acoustic requirements while maintaining low backpressure. Integrated into MIRATECH's plug-and-play systems, Maxim silencers support faster installation and predictable performance in noise-sensitive environments.

FULL SUPPORT, CLOSE TO HOME

MIRATECH's service and support teams are available wherever you operate. With a large field service team strategically located throughout North America and around the world, MIRATECH delivers prompt, reliable support that's always just a phone call away. Our aftermarket parts and service teams maintain a robust inventory of in-stock components to help keep your systems running at peak performance.



NEED EMISSIONS AND ACOUSTIC SOLUTIONS?

Since 1992, MIRATECH has been at the forefront in helping industries handle emissions and acoustic standards. Whatever your emissions needs may be, count on us for solutions. Just give us a call, **1-800-640-3141**, or visit our website at **MIRATECHcorp.com**.