



At M2DCON, it's more than just the products, it's understanding the requirements then providing the best solutions for the job

M2DCON is dedicated to serving those who protect and serve others

M2DCON sets itself apart from its competition through a commitment to supporting Department of Defense Programs of Records, advancing technology through innovative partnerships including USG CRADAs, industry engagements and collaboration with end users.

M2DCON /s Decontamination Focused...

Industries We Serve

- Government Defense
- Life Sciences
- Pharmaceutical Manufacturing
- Civilian Security
- Healthcare
- Academic Research

With greater than 40 years of experience, we continue developing the technology to meet our Customer's needs

- Scaling of current technologies and equipment
- Reformulating to meet emerging threats and market needs
- Customizing for improved performance

Our team has a reputation for Rapid Development and Deployment

- Research & Development
- Product Commercialization
- Consulting & Management



Decontamination/Restoration of US Department of State postal facility contaminated with Anthrax



M2DCON

We believe that it is more than just products, it's understanding the mission requirements and then providing the best tools to achieve mission success.

Sometimes life sets us on a path....

Almost 20 years ago there was anthrax attacks in the US. The call for decontamination technology to counter the attack was issued. Industry answered by rapidly upgrading and adapting commercial technology to address the problem.

As a direct result a team dedicated themselves to addressing chemical and biological decontamination threats was established by an Ohio company.

This team developed numerous technologies including multiple generations of vaporized hydrogen peroxide decontamination systems to demonstrate efficacy, scalability, dependability, etc.

Today the heart of M2DCON is made of this team and we continue to search for the best solutions for decontamination of chemical and biological threats.



Evolution of Gaseous Decontamination Systems (GDS/mVHP) For Chemical and Biological Decontamination



SA-32 Anthrax
Decontamination

GSA 410 Anthrax
Decontamination



Modular Building
System Demo

Live agent testing
(VX, HD, GD,
TGD)

Development of mVHP®
(Patent #7,102,052)
with U.S. Army's
Edgewood Chemical
Biological Center



C-141
Cargo
Aircraft
Demo



F-16
Interior/
Exterior
Demo

HMMWV-Mounted
Mobile System



FMTV-Mounted
Mobile System



CRADA
established
with ECBC

Live agent
testing in mock
SEDS chamber

SEDS



Small SEDS



SOC CBDU - Prototype



Aircraft
Decontamination
Field
Demonstrations
TCRWADS & JSF



Testing of Naval System
on the TS Golden Bear



Field Forward
CBDS for SOF



GDS Regen – Sensitive
Equipment Decontamination



Mobile GDS



MiniGDS



GDS-CL for Commercial
Laboratories and Processing
Facilities

2002 - 2005

2005 - 2010

2010 - 2015

2015 - 2021



Knowledge into action...

Our team has a reputation for Rapid Development and Deployment...

- Scalability of current technologies and equipment
- Reformulating to meet emerging threats
- Customizing for improved performance





Decontamination Products

Chemistries

- Decon PLUS™ (Joint General Purpose Decontaminant- GPD/M333)*
- SSDX-12™ Solution
- Fuller's Earth
- MāZR Decon

Wipes

- CBR Multi-Purpose Wipes (Joint Service Equipment Wipe - JSEW/M334 Equivalent)*
- SSDX™ Wipes
- DCON Mitt
- MāZR Mitt

Equipment

- Mobile GDS
- GDS Field+™ (Chem Bio Decon System)
- GDS SEDS™ (Sensitive Equipment Decontamination System)*
- Transport GDS™
- SafePass™ GDS
- GDS Regen™
- Med mDX™
- AeroDX™
- RoboDX™
- STAR GDS™

Kits

- COMIT™ IPDK (Interdependent Personnel Decon Kit)
- MāZR Decon Mitt Kit
- Personal Immediate Decontamination Kit
- TEK-TAK™ System (Technical & Tactical Decon Kit System)
- Fentanyl Immediate Response Kit
- Rapid Drone Decon Kit
- Personnel Modesty Kit
- DX-Go™ Kit
- Mass Event Kits

Line Supplies

- ChemBarrier Ground Cover
- ChemBarrier Medical Liter Cover
- ChemBarrier Retention Pool/Pit
- ChemBarrier Tool Belt
- ChemBarrier Bags

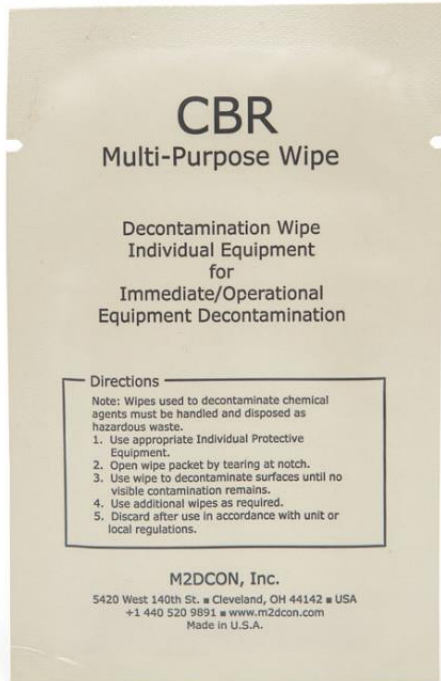
*programs of records/acquisition programs

*products in pre-production



CBR Multi-Purpose Wipe Kit

US DoD Joint Service Equipment Wipe (JSEW/M334 commercial equivalent)



One kit includes five(5)
individually packaged wetted wipes;
One carton contains 60 kits.

Also available in a carton of 500 singles

CBR Multi-Purpose Wipes (CBR-MPW) is fielded for chemical-biological-radiological decontamination and in use by military and civilian security/first responder personnel. The CBR-MPW is available in two configurations (kits and boxes) containing the individually packaged wetted wipe.

The kit configuration has five wipe packets sealed inside an overpack pouch. The CBR-MPW Kit is configured to be easily carried in a uniform pocket or placed in an emergency response bag.

Use CBR-MPW for immediate and operational decontamination of hard surfaces, military and first responder equipment. The wipe with a unique chemistry has been extensively tested by the US Department of Defense.



Decon PLUS™

The M333 JGPD/Decon PLUS was tested and proven efficacious against chemical agents (VX, GD, H, and emerging threats) and biological contamination (viruses, spores, etc.).



Each kit includes three pouches of unique chemistry packaged laminated foil pouches.

The decontaminant is stored as dry powders which are mixed at point of use with locally available water (fresh, brackish or saltwater).

The proprietary chemistry and durable packaging provides a 5 years for the unopened Decon PLUS Kit.

Standard Kit Sizes:

- 500 mL
- 5 gallon
- 25 gallon



**The M333/JGPD being demonstration by the US Military
– easy to mix, easy to use –
for chemical and biological contamination**



SSDX-12®



A patented dual-purpose decontaminant and cleaning product for aircraft and facilities

Specifications and approvals:

- US Department of Defense MIL-PRF-87937
- AMS 1626C
- British Aerospace AIRBUS AIM09-00-002
- Boeing D6-17487 Revision T
- Douglas Aircraft Company CSD No.1 Type 1

SSDX-12 can be applied by spraying, brushing or foaming

Safety: Not a hazardous substance or mixture

SSDX-12 will **not** cause skin irritation nor sensitization. It has been evaluated in human repeat insult patch tests for skin irritation and skin sensitization evaluation.

Purpose	Dilution
Aircraft Cleaning	30:1 (3.25% soap solution)
Facility Cleaning	65:1 (1.5% soap solution)
Decontamination	15:1 (6.25% soap dilution)

HDAC Homeland Defense & Security
Information Analysis Center



Aircraft Decontamination-The Unique
Challenges of Decontaminating Sensitive
Equipment

Home / Articles / Journal Article / Fall 2016: Volume 3 Issue 3

<https://hdiac.org/articles/aircraft-decontamination/>



SSDX-12 Wet Wipes

SSDX-12 Wet Wipes are a non-woven polymeric wipe wetted with a proprietary super soap developed in a ready to use format for the physical removal of wet and dry contaminants from surfaces. This combination of SSDX-12 (a highly effective surfactant blend) and the microfiber wipe provides an effective broad-spectrum decontaminant, that is suitable for use in removal/decontamination of:

- particle (radioactive or toxic substances),
- chemical agents,
- Toxic Industrial Chemicals and Materials (TICs/TIMS)
- Opioids.

SSDX-12 is a blend of non-ionic surfactants specifically formulated for the removal of chemical agents from surfaces. Superior efficacy of SSDX-12 at removing VX from skin was demonstrated using the Strat-M® membrane¹, when compared with RSDL and Dawn Ultra (reference available). SSDX-12 also effectively removes powdered opioids, including fentanyl citrate, carfentanyl HCl, and remifentanyl HCl, from surfaces.

SSDX-12 consists of surfactants commonly used in personal care products and has been tested for compatibility with human skin. Unlike other skin decontamination technologies, the SSDX-12 Wet Wipes are a safer removal technology as the chemistry is skin friendly; testing demonstrated there was no indication of a potential to elicit dermal irritation or sensitization (contact allergy) for SSDX-12 on skin (testing performed by BioScreen Testing Services).

Also available as SSDX-12 Solution for spray applications.



Note 1: Strat-M membrane (Millipore Sigma, Merck KGaA) is a synthetic, non-animal based model for transdermal diffusion testing that is predictive of diffusion in human skin without lot-to-lot variability



DCON Mitt™

- The DCON Mitt™ is an “All-Hazards” decontamination cloth that provides highly effective and immediate physical removal of liquid and particulate contaminants from individual protective clothing and equipment.
- Constructed of an inert, proprietary, microfiber-based material, the DCON Mitt is compatible and safe for all surfaces including, skin.
- The DCON Mitt’s integrated chemical protective fabric provides the user with an additional layer of cross contamination protection.
- Use dry for removal of liquid contaminants or radiological particulates due to the fabrics ability to entrap small particles, electrostatically.
- When moistened with a liquid decontaminant, provides efficient removal of biological pathogens.
- Sold in Cartons of Ten (10) individually packaged mitts
- 10-year shelf life
- 100% Made in the USA





Fuller's Earth Sorbent

Fuller's Earth Sorbent is a highly effective adsorbent powder effective for removal of liquid chemicals (chemical warfare agents and toxic industrial chemicals).

Fullers Earth is currently used by military and civil emergency service personnel to decontaminate clothing and equipment; it is ideal for direct application onto chemical protective clothing (CPC), equipment and vehicles.

Fuller's Earth is a composition of clay minerals that is completely safe for use on skin. Fuller's Earth has a long shelf life (greater than 5 years) and is not affected by temperature extremes.

It is rapidly deployable and easy to apply making it extremely effective for a wide range of down range requirements.

M2DCON Fuller's Earth Sorbent is packaged in 1-LB bags for logistical ease and sold in cartons containing forty(40) 1-lb. bags.





MāZR™ Decon

The MāZr decontamination powder is a lightweight, high surface area adsorbent with the ability to decontaminate and mitigate chemical threats. This material may be used in the decontamination of military equipment, vehicles, and personnel.

This adsorbent can be utilized in all environmental conditions including cold-weather, desert, urban, jungle, and subterranean operations. Operational parameters include temperatures up to 50°C and humidity conditions up to 100% non-condensing.

Material is to be applied directly to the chemical threat and mitigates the hazard by absorption and direct detoxification. Soldiers are to carry this adsorbent provided in 500mL sealed packages weighing approximately 250g.

The high surface area of the material allows for a significant reduction in weight of adsorbent needed per volume of agent.





MāZR™ DCON Mitt

The MāZR Mitt is the Enhanced DCON Mitt pre-loaded with the proprietary MāZR Decon powder allowing immediate use when opened.

The Enhanced DCON mitt is a dual sided microfiber mitt and is lined with a chemical barrier material as addition risk mitigation during decontamination operations. One side of the mitt is loaded with a sorbent that neutralizes agents; the other side is used for wipe down after application of the decon sorbent. A hook and loop strap allows the mitt to be tightened around the wrist providing ease of donning and doffing.

MāZR Mitt can be used for decontaminating equipment, suits, boots and gloves.





MāZR™ Mitt Kit

The MāZR Mitt Kit integrates decontamination technology with conventional highly absorptive and microfiber in a dual sided mitt to provide removal and neutralization of contamination. The mitt's palm side is a hook and loop sealable pocket between the external microfiber and the internal chemical barrier layer, where the decontaminant is located. The palm side dispenses a small amount of sorbent powder decontaminant as it is used, which serves as a visual cue to the operator while absorbing and neutralizing the bulk of contaminants. The mitt's other side has no pockets and is used for wiping surfaces.

The MāZR Mitt Kit includes MāZR decontamination sorbent powder and a microfiber decontamination mitt sealed in separate pouches. The Enhanced DCON Mitt design allows for adaptability and upgradability for operators to meet emerging threats. The blend chemistry can easily be adapted based upon operator need without requiring additional training.



Pouch to load
MāZR Decon

ChemBarrier lining
for hand during
operations



SWAT CBRN Decon Kit

Some events require a decontamination toolbox to meet everchanging threats...



The SWAT CBRN Decon Kits provides products for emergency personnel escape situations and immediate decontamination.

- Same decontamination products in appropriate sizes and quantities:
 - CBR Multi-Purpose Wipes
 - SSDX-12 Wet Wipes
 - DCON Mitt (microfiber mitt)
 - Decon PLUS with quick use bottle(s) or hand pump sprayer
- Decontamination line equipment reduced to basic needs:
 - Avon CH15 Escape Hoods
 - ChemBarrier Disposal Bag
 - ChemBarrier Transfer Bag
- Multi-functional style bag for quick and easy access.

Kits can be customized to meet your specific mission requirements



Personal Immediate Decon Kit

Fully Customizable Personal Immediate Decontamination (PID) kits provide risk mitigation for the daily threats and provide an economical solution.

The base PID includes the DCON Mitt for immediate bulk decontamination of liquids and powders, and two wipe products (CBR Multi-Purpose Wipe and SSDX-12 Wet Wipe) provide enhanced decontamination for equipment and skin.

Added to the kit are M2DCON's ChemBarrier Bags:

- One clear ChemBarrier bag for temporary transport of sensitive equipment and personal items to be thoroughly decontaminated at an appropriate time
- One grey ChemBarrier Plus bag for contaminated waste disposal

The PID can be customized to meet your specific operation requirements.





Rapid Drone Decon Kit

Fully Customizable Rapid Drone Decontamination (RDD) kits provide risk mitigation for the daily threats and provide an economical solution.

The base RDD includes the DCON Mitt for immediate bulk decontamination of liquids and powders, and two wipe products (CBR Multi-Purpose Wipe and SSDX-12 Wet Wipe) provide enhanced decontamination for equipment and skin. One clear ChemBarrier bag for temporary transport of sensitive equipment and personal items to be thoroughly decontaminated at an appropriate time

The RDD can be customized to meet your specific operation requirements.



The DX-Go is a mobile personnel decontamination system. It is configured with the most advanced decontamination products including those fielded by the US DoD (M333 and M334). The innovative transport case features clear-panel pouches that are velcro mounted on the interior of the backpack. The backpack fully unzips allowing for easy access and high visibility during field deployment. This versatile and mobile decontamination system optimizes efficiency in a wide variety of environments. The systems include:

- S-Cut QE Knife
- Surgical Shears
- Head Lamps
- ChemLights® (6-Red/6-Green)
- PH & KI Paper
- Peracetic Acid Strips
- SSDX-12® (Personal Decon Wipes)
- Kappler Chemtape®
- MāZR DCON MittTM
- MāZR Decon (sorbent powder)
- ChemBarrier Tool Belt
- Decon PLUS (General Purpose Decontaminant mix Kits/M333)
- CBR Multi-Purpose Wipes (Joint Service Equipment Wipes/M334)
- Shuffle Pool
- ChemBarrier weighted Tarp
- ChemBarrier containment Bags
- Absorbent Spill Pads
- Collapsible Bucket
- Tactical Sprayer
- SSDX-12 Solutions
- Field Forward Quick Decon Kits



DX-GoTM Lite

The DX-Go Lite is a streamlined mobile personnel decontamination system for teams on the move. It is configured with the most advanced decontamination products including those fielded by the US DoD (M333 and M334). The innovative transport case features clear-panel pouches that are velcro mounted on the interior of the backpack. The backpack fully unzips allowing for easy access and high visibility during field deployment. This versatile and mobile decontamination system optimizes efficiency in a wide variety of environments. The systems include:

- SSDX-12[®] (Personal Decon Wipes)
- CBR Multi-Purpose Wipes (Joint Service Equipment Wipes/M334)
- MāZR DCON MittTM
- MāZR Decon (sorbent powder)
- Decon PLUS (General Purpose Decontaminant mix Kits/M333)
- SSDX-12 Solution
- Tactical Sprayer
- ChemBarrier containment Bags





Fentanyl Immediate Response Kits



FentAlert™

An all-sample screening tool for fentanyl pharmaceutical based agents (PBAs) designed for ease of use in field without additional components or process steps. Simply twist open the tube, use swab tip to sample, then reinsert and twist the tube completely closed until the reservoir is punctured. Keeping the device horizontal for 1-3 minutes as the result display on the device.



CBR Multi-Purpose Wipes

Simple to use for immediate and operational decontamination of hard surfaces. The wipe has a unique chemistry that has been extensively tested by the US Department of Defense. Fentanyl and its analogues were tested against the CBR Multi-Purpose Wipe at CUBRC, a US Government contract lab. This wipe is the commercial equal to the US DoD M334/Joint Service Equipment Wipe.



SSDX-12 Wet Wipe

Wet wipe for the physical removal of wet and dry contaminants from surfaces. Superior efficacy of SSDX-12 at removing VX and HD from skin was demonstrated using the Strat-M® membrane¹, when compared with RSDL and Dawn Ultra. SSDX-12 consists of surfactants commonly used in personal care products, and has been tested for compatibility with human skin. Unlike other skin decontamination technologies, the SSDX-12 Wet Wipes are a safer removal technology as the chemistry is skin friendly; testing demonstrated there was no indication of a potential to elicit dermal irritation or sensitization (contact allergy) for SSDX-12 on skin (testing performed by BioScreen Testing Services).



Customized Response Kits

The M2DCON team works with operators to develop and optimize kits to meet mission requirements. Understanding the unique operating circumstances and then identifying the correct tools is critical to efficient and effective operations. Kits can be designed use the individual, small teams up to mass casualty events.



FentaCycle™ – Opioid Response System

Detect - Protect – Decon - Verify

The FentaCycle blends the hazardous drugs with neutralizing chemistry producing a non-toxic waste. The system has a modified DOT approved bucket for one-time use. The single use bucket is equipped with a filtered vent to provide adequate ventilation/filtration during the blending process and uses a spout that allows the chemistry and drugs to be poured inside safely. The reusable aluminum base unit operates with the push of a button. The cycle stops automatically. FentaCycle plugs into any 110VAC outlet. The motor will be running at 20,000 RPM which will be sufficient at blending the chemicals and drugs together efficiently. The contents of the bucket at the end of the cycle can be sampled to verify the opioids have been neutralized lowering disposal costs.





ChemBarrier Bags

The ChemBarrier and ChemBarrier PLUS bags are designed to facilitate hazardous waste disposal by eliminating the need for multi-bagging. The bags are manufactured using film has been evaluated against more than 250 toxic industrial chemicals (TICs), toxic industrial materials (TIMs), chemical warfare agents (CWA) and biological/viral agents.

The ChemBarrier Bag Plus is constructed with a laminate of two multi-layer, high-performance thermoplastic films that have been utilized in chemical protective apparel since 2007. The ChemBarrier PLUS film is approximately 1/3 the thickness of other containment bags providing a weight and volume benefit.

The ChemBarrier Plus provides improved chemical resistance, tear resistance, and general toughness. Accelerated aging studies (thermal aging at 125°F) demonstrated that the film is shelf stable for up to ten (10) years.

The ChemBarrier Bag is constructed with a single high performance clear thermoplastic film similar to the ChemBarrier PLUS bag.





mVHP - Gaseous Decontamination



From the laboratory into the field, mVHP has proven itself to be reliable, scalable and flexible to meet unique requirements and applications

mVHP for thorough chemical & biological decontamination of sensitive equipment and facilities



Systems are in production for commercial facilities around the world

HDT/M2DCON is currently working on the SEDS system



Mobile GDS (Gaseous Decon System)

The **Mobile GDS** is an advanced automated and energy efficient dry vapor phase hydrogen peroxide (VPHP) sterilization system for room decontamination. Multiple Mobile GDS system can be networked to work together to decontaminate larger spaces accordingly.

The first generation Mobile GDS was developed as a Naval Transport Decontamination System (NTDS) and was successfully tested at sea aboard the California Maritime Institutes' TS Golden Bear

The fully automated system is design for ease of transport and operations.



Mobile GDS with soft-sided shelters

The M2DCON Mobile GDS can be placed inside a soft-sided shelter allowing for decontamination of sensitive equipment, vehicles, etc.

M2DCON GDS can be customized to a specific shelter to meet mission requirements.

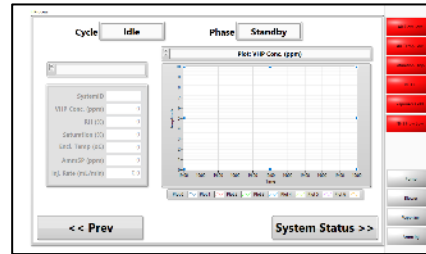


Field GDS+

The **Field GDS+** is an advanced portable **chemical/biological decontamination** system suitable to decontaminate sensitive equipment, land vehicles and small to medium interiors.

The Field GDS+ is capable of vaporizing a liquid stream and combining it with a gaseous stream to meet existing and emerging threats. In short the GDS+ has the **ability to evolve to meet new threats**.

The **advanced and intelligent system** provides the user with a robust and **easy to use** decontamination system.



The system includes:

- GDS+ decontamination module in shipping case with slide out rack for easy maintenance access
- Dual-use shipping container for transporting the system and serving as a decontamination enclosure
- Set of cables and hoses
- Operator interface
- Enhanced Sensor Bundle
- Chem-Bio Filter Cradle
- Aeration unit
- Power Inverter

Note: Consumables are obtained separately. Dehumidifier available as option.



GDS CEDS

The M2DCON ruggedized Gaseous Decontamination System for Critical Equipment Decontamination (GDS - CEDS) is a decontamination system suitable for decontaminating sensitive and service equipment using VHP and mVHP to inactivate biological and chemical agents. The system is designed for use on a decontamination line.

The decontaminant used in the GDS-CEDS is modified Vaporized Hydrogen Peroxide (mVHP). This decontamination process was developed in conjunction with the extensive research, expertise and collaboration of members of the M2DCON team with DEVCOM CBC during execution of the CRADA.

The system can be operational within minutes. Once the unit is placed on the decontamination line, it can be operated by one person. The system is preprogrammed with the decontamination cycle.

Once set up is complete, one-button operation is initiated by selecting the desired cycle. From that point on, the cycle is entirely automated based on feedback from the sensor positioned within the space.





GDS P-CEDS

The M2DCON GDS P-CEDS is a decontamination system suitable for decontaminating sensitive and service equipment using VHP and mVHP to inactivate biological and chemical agents. The system is designed for portability and ease of use.

- Person-portable chemical and biological decontamination system
- Multi-system interconnection to provide scalability and flexibility in the field
- Easily integrates with the decontamination enclosure of your choice
- Easily integrates with dehumidifier of your choice
- Reduced preventative maintenance cycles
- Modified Vaporized Hydrogen Peroxide (MVHP) is a proven and fielded capability for sensitive and critical equipment and facilities.





Transport GDS™



Transport GDS is a mobile system which can be loaded, processed and then transferred between areas without requiring redundant material sanitization activities or excessive material handling, while maintaining the integrity of the material environment.

- Loadable volume is 0.46m³
- Flexible Load Configurations
 - Adjustable shelves to accommodate varying loading patterns
- Polypropylene baskets hold materials two (2) per shelf
 - Multiple styles commercially available
- Each Basket Can Hold:
 - Four (4) 500mL IV bags,
 - Four (4) 1L IV bags,
 - Ninety-Six (96) 22mm x 50mm vials, or
 - Forty (40) 45mm x 110mm vials.





SafePass™ GDS



- **Integrated System Housing**
 - Modular assembly to ease installation.
 - The HPV generation system is mounted inside the system envelope.
- **Mobile and Configurable Shelving System**
 - Adjustable shelving allows for flexible loading patterns.
- **SafePass Decontamination Chamber**
 - Interlocking Doors.
 - Chamber accommodates one cart.
- **Integrated Hydrogen Peroxide Sensors**
 - Low concentration safety sensor.
 - Real time monitoring of critical process parameters.
- **User Interface**
 - Intuitive, Touch Screen Controls.
 - E-Stop and process indicator lights.
- **Air Dryer/Conditioner**
 - Allows higher HPV concentrations for shorter cycle times.
 - Temperature Control.



GDS *Regen*™

The **GDS *Regen*** is an advanced field forward **biological decontamination** system suitable to decontaminate PPE and sensitive equipment. This next generation decontamination system generates **vaporous hydrogen peroxide** to decontaminate biological threats. **Advanced sensors** combined with **intelligent automation** monitor and provide feedback to control the conditions within the decontamination enclosure and **ensure cycle repeatability**. The system employs **Next-Gen Aeration™** technology to optimize and reduce cycle duration. **The GDS *Regen*** is the result of twenty years experience building VHP™/mVHP™ Systems for the US DoD.

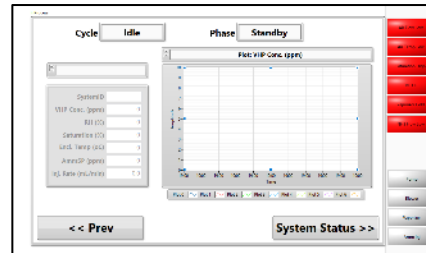
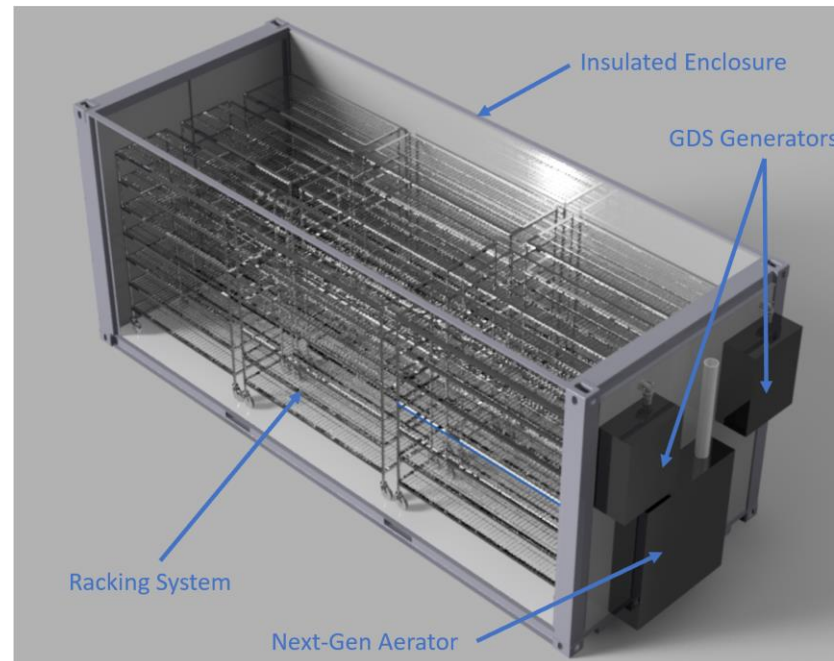


Image (left) of control panel for operations of the system.

Image (Below) showing asymmetric view of system



The system includes:

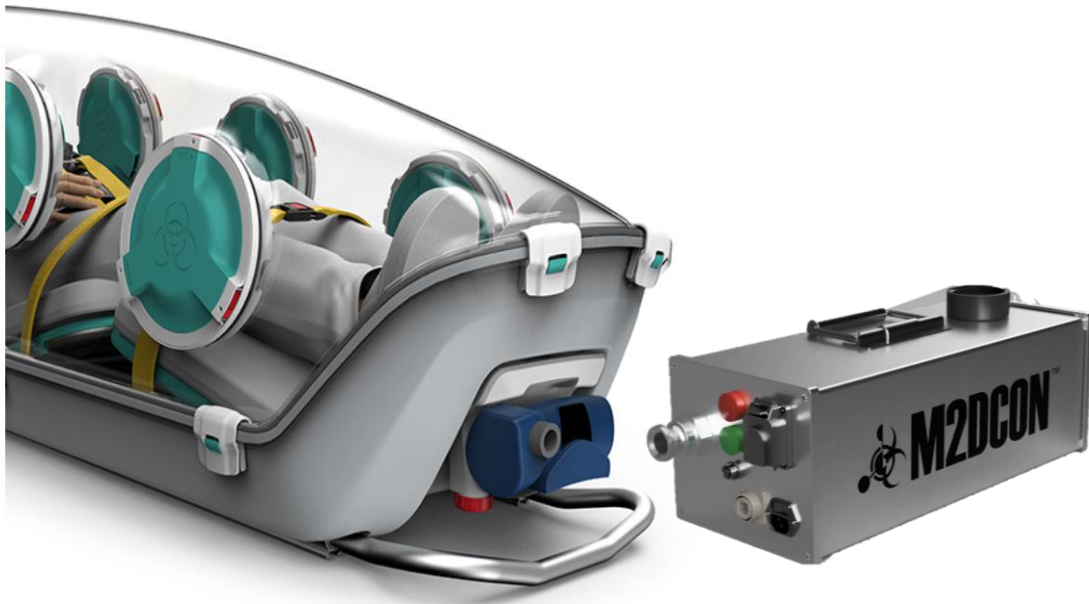
- Dual GDS generators
- HMI operator panel for controllers interface
- Sensor bundles monitoring Temperature, Relative Humidity and Vaporous hydrogen peroxide concentration
- Integrated Next-Gen Aeration system
- Stainless Steel Racking system to maximize processing
- Insulated 20 ft CONEX decontamination enclosure

GDS Regen is available with 20 ft or 10 ft decontamination enclosure. It is also available in a lab scale with a 2 ft decon enclosure

This product has not been reviewed by US regulatory.



Med mDX™



Med mDX is in development for decontaminating patient isolation transportation enclosures like the EpiSHUTTLE® units.

The gaseous chemical-biological decontamination technology employed by Med mDX is modified vaporized hydrogen peroxide (mVHP). M2DCON has more than two decades of experience developing, manufacturing and deploying mVHP. The technology is flexible and scalable to meet the operator's requirements. It has superior material compatibility and has been demonstrated for land, sea, air and space equipment.



RoboDX™ (Robotic Decontamination)



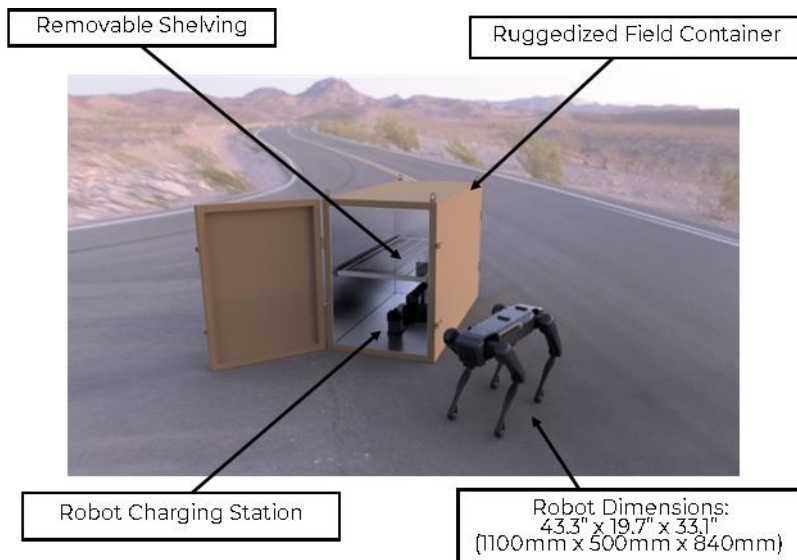
GDS+ with Asylon Dog House



RoboDX

RoboDX can be integrated with existing robot storage containers to provide dry, gaseous decontamination of chemical and biological agents.

RDX accessory storage/transport case can also act as a small decontamination enclosure for small robots/drones or other sensitive equipment.



The gaseous decontamination technology employed by RoboDX is modified vaporized hydrogen peroxide (mVHP). M2DCON has more than two decades of experience developing, manufacturing and deploying mVHP. The technology is flexible and scalable to meet the operator's requirements. It has superior material compatibility and has been demonstrated for land, sea, air and space equipment.

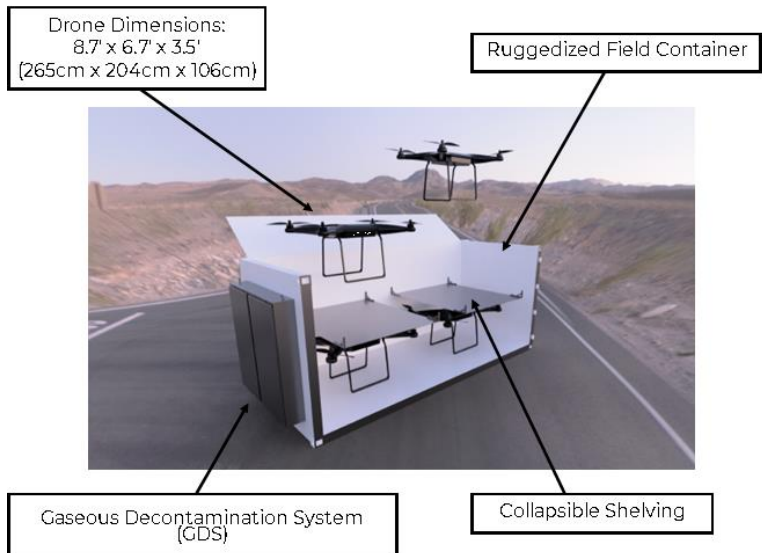


AeroDX™ (Robotic Decontamination)



AeroDX is a fully integrated system for storage, recharging and decontamination of Drones. The system provides dry, gaseous decontamination of chemical and biological agents.

The gaseous decontamination technology employed by AeroDX is modified vaporized hydrogen peroxide (mVHP). M2DCON has more than two decades of experience developing, manufacturing and deploying mVHP. The technology is flexible and scalable to meet the operator's requirements. It has superior material compatibility and has been demonstrated for land, sea, air and space equipment.



GDS - *Onto the next frontier*

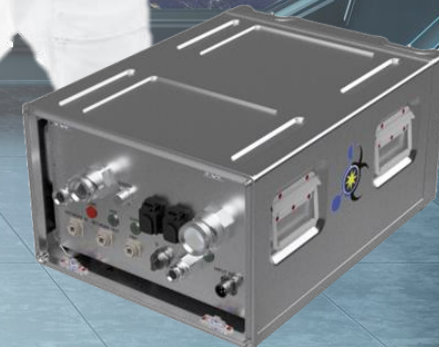


M2DCON's is developing **STAR** - a gaseous decontamination system in development for use in off planet facilities (orbiters and bases). Vaporized hydrogen peroxide has been validated and approved for use by NASA-JPL.

In space, orbiters and bases rely on confined spaces with recirculated atmosphere. These space are plagued with a build up of biological contamination – mold, fungus, bacteria, etc. (It is interesting to imagine what is used in Space can be applicable for enclosed environments at sea...)

M2DCON is always reaching for new frontiers where we can protect those who are willing to protect and serve others.

Based upon the proprietary M2DCON GDS technology, ***STAR will provide biological decontamination without the introduction of harmful chemicals into closed environments.***





***We are dedicated to serving those
who protect and serve others***

by providing innovative and proven
decontamination technology.

It's more than just products –

it's understanding the mission requirements
and then providing the best solutions for the job.

Let us know how we can help

Visit us at www.m2dcon.com or email us at sales@m2dcon.com