



# MOUT

## & Range Solutions

*by UNICOR*

Military Operations on Urban Terrain

# Deceiving is Believing



## IMMERSIVE MOUT SYSTEMS

Fleet Solutions Group (FSG) has partnered with MW Defense Systems and Veterans Range Solutions (VRS) to offer a cost effective, immersive training system, range development and repair with the flexibility of MIPR funding or contract award. As a federal agency, FSG offers the either funding vehicle to support your mission. Fleet Solutions Group serves as the Prime for the coordination of training site development and fabrication. Operating multiple locations, FSG boasts state of the art facilities equipped 20-ton bridge cranes, separate 60' x 15' Wash-Blast-Paint booths, and complete metal design & fabrication.

MW Defense Systems specialize in Camouflage, Concealment and Deception materials and technology (CCD). P.I.R.A.T.E.™ and P.I.R.A.T.E. 3D™ are cutting edge Photo-Realistic Immersive Tactical Training Scenario products, holding 11 U.S. and International patent applications for CCD and Training Services. The product is proprietary. It was developed specifically for military use, complying with applicable specifications. Product testing was conducted by a private laboratory for the purpose of validating adherence with military specifications.

Each completed unit is lifelike in appearance and durable. Designs can be rapidly reconfigured in response to mission changes.

## Project Review

We will work with you to develop the Military Operations on Urban Terrain site that is within your budget. Two year warranty on facade.

- ◆ External facade selection assistance specialized for your training mission.
- ◆ Statement of Work (SOW) development assistance.
- ◆ MIPR or Contract flexibility with prompt acceptance of funding document.
- ◆ Onsite project management to ensure total satisfaction.

## MOUT Modifications

Working with the developed specifications, each container will undergo modifications.

- ◆ Exterior surface preparation and coating.
- ◆ Windows/doors - facade, standard and breechable.
- ◆ Interior rooms, false walls, trap doors, stair and balcony installation.
- ◆ Application of selected MW Defense Systems material in your choice of patterns.





P.I.R.A.T.E.™ and P.I.R.A.T.E. 3D™ meets and/or exceeds the following requirements:

RTCA/DO160 Category B (25 cycles) which combines altitude with humidity and freezing temperatures. Environmental contaminants including common contaminants of interest such as cleaning agents, lubricants, insecticides, and fuels. Military and aerospace applications as detailed in MIL-STD-810 and RTCA/DO 160. MIL-STD-810 Blowing sand, dust and settling dust. MIL-STD-810 & Telcordia/Verizon Wind Driven Rain specification (includes rain of various amounts, wind exceeding 100 MPH, hose down, pressure wash, depth immersion and condensation drip). Xenon, UVA, UVB. Xenon arc testing is the best available simulation of full-spectrum sunlight available because it includes

ultraviolet, visible and infrared light. Filtered Xenon arc lamps are the best way to test the light stability of products, such as pigments, dyes and inks (your stuff), which are sensitive to the long-wave and visible wavelengths of sunlight. Full spectrum xenon arc lamps reproduce the damaging wavelengths of light encountered either indoors or outdoors. Until such time the patents expire, the availability of a material on the market which conforms to the above specifications in combination with mil thickness is not available. The product encapsulates what it's applied to, creating an air tight seal against corrosion. The product can provide ultraviolet characteristics for night operations and is certified as withstanding a wide range of environmental conditions.

**WE OFFER THE FASTEST, EASIEST PROCESS  
AVAILABLE TO BRING YOUR  
TRAINING SITE PROJECT TO REALITY.**

[unicor.gov/fleet/MOUT](http://unicor.gov/fleet/MOUT)



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