

**Modec**

# CBRNE APPARATUS

**Complete Response Vehicles  
for Chemical, Biological,  
Radiological, Nuclear and  
Explosive Mitigation – CBRNE**



**Modec is the Leading Developer of CBRNE Response Apparatus**



### *Advanced Applications and Components:*

#### **Chem/Bio Decontamination and Mitigation - Sandia Foam**

- Patented MDF-200™ for Chemical and Biological Warfare agents
- Bio/Chem Decontamination registered with the USEPA
- Licensed from the US Department of Energy
- Effective against a broad range of WMD, anthrax and toxants
- Authenticated for use by multiple military organizations for WMD

#### **Explosive Ordnance Mitigation System**

- Patented Blast Mitigation System, totally self-contained
- Can be operated by a single person

#### **Radiological and Nuclear Mitigation**

- Integrates Raddecon™ Decontamination Solutions for surface and personal decontamination resulting from nuclear exposure



#### **International Truck Chassis**

- Features International Truck vehicles recognized world wide as the leader in military and emergency response apparatus
- Features advance electronics and SATCOM capabilities
- Large and small scale configurations available
- Integrates Command and Communications for HAZMAT Operations

#### **Emergency Responder and Personal Decontamination**

- Emergency rapidly deployable shelters from Reeves EMS
- Optional equipment available for mail and package decon

### ***Total Consequence Management Capability and Support***

**Modec, Inc., 4725 Oakland St., Denver, Colorado 80239**

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# ***CBRNE Apparatus***

## **CBRNE Mass Casualty and Rapid Attack Vehicles - Summary Specifications**

### ***MASS CASUALTY SPECIFICATIONS:***

- **International 4300 Chassis and DT466 Engine with 26 Ft. Ops Area including command and communication center**
- **Mass Casualty Decontamination Capable for Chem/Bio and Hazardous Materials and Industrial Chemical Toxants**
- **Integrates Proprietary *MDF-200™* Formulations**
- **Outfitted with *RadDecon™* Radiological Decon Solutions**
- **Command/Scene Management Area Accessible from Cab**
- **Automated Patient Lift System and Exterior/Interior Operations**
- **Automated Over/Under Spray System for Ambulatory Patients and interior/exterior processing capabilities**
- **Gender Separation Throughout including exterior egress area on lift gate and interior technical decon areas.**
- **Electronically Controlled Temperature and Over 1 Million BTU's of heating capacity without any heat cycling or delays**
- **Automated Water Pressure Controller with multiple inputs**
- **Unique Decon Injection system that creates tempered solutions for efficient and effective decontamination**
- **Completely Outfitted for Total Consequence Management**
- **Federal Signal lighting NFPA 1901 compliant**

### ***POINT OF RESPONSE ATTACK UNITS SPECIFICATIONS:***

- **International XT Series Chassis, four-door version that can carry up to six personnel. Diesel engine with 14 Ft. rear van body with ample storage areas featuring ROM roll-up doors**
- **Low profile (84" overall height) allows access to parking structures and other height limited areas**
- **Emergency Lighting provided by Federal Signal Corporation**
- **Backpack CAF unit from Intelagard for rapid mitigation**
- **Rapid deployable Reeves EMS Shelter and water heating unit for individual decon along with EnPac containment berm**
- **Incorporates MDF-200 Sandia Foam and RadDecon solutions**
- **Features Raytheon Global Defender Blast Mitigation System**