

2022

# CHEMICAL SECURITY SUMMIT

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August 23-25, 2022

#ChemicalSecurity







**Erica Bernstein, CHEMTREC®**  
**Arlington, Virginia**  
**Thursday, August 25**

**2022 CISA Chemical Security Summit**  
**Building Relationships with First Responders:**  
**Resources and Tools**





**CHEMTREC®**

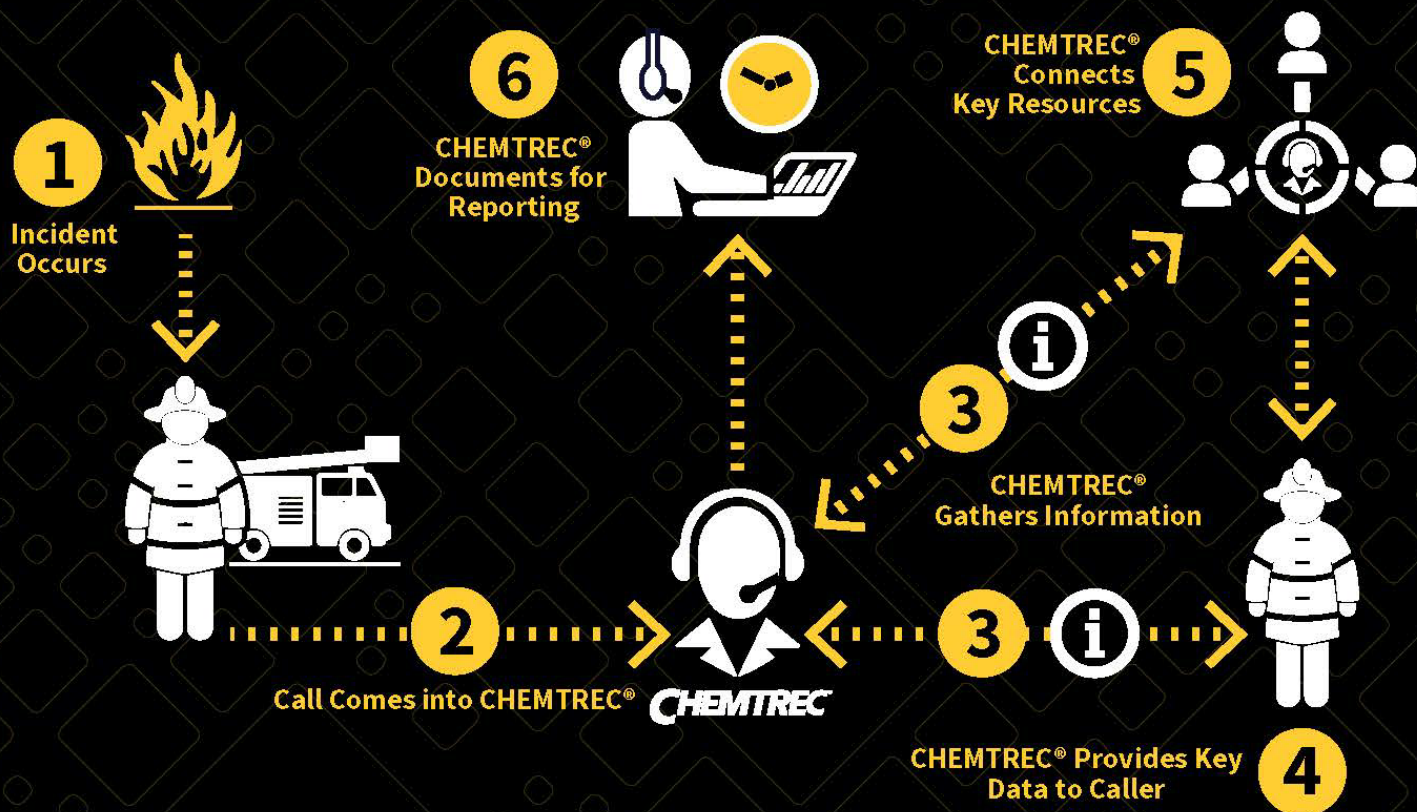
**Established in 1971 by the American  
Chemistry Council, CHEMTREC  
operates a 24/7 Emergency Call  
Center in Falls Church, VA**

**For over 50 years, our engagement  
with emergency responders  
around the world has been the  
engine that drives our success**



# WHAT HAPPENS WHEN A CALL COMES INTO

# CHEMTREC®





# CHEMTREC & Emergency Responders

CHEMTREC's service is complimentary for emergency responders, and we welcome your call at anytime!

We offer a drill program!

- To arrange a CHEMTREC drill be sure to complete the form at least 72 hours in advance <https://www.chemtrec.com/training-drills/schedule-drill>

Items available for FREE for emergency responder organizations:  
Key chains, information sheet for emergency binders, and stickers with CHEMTREC's emergency number

- Emergency responder material requests can be sent to Erica Bernstein ([ebernstein@chemtrec.com](mailto:ebernstein@chemtrec.com)).





# ***CHEMTREC Emergency Responder Survey***

CHEMTREC's goal of the survey:

- what we do best?
- what could we improve upon?
- what additional resources could we provide that would be beneficial to you as a responder?

All responses are **anonymous**.

We ask that everyone only complete the survey **one time**.



The survey is open until  
**November 1**



# CHEMTREC HELP Award Program

- Annual award established in 2019
- Awards are intended to **help fire departments**
  - Enhance their response capabilities
  - Increase local preparedness to respond to and prepare for hazardous materials incidents
- CHEMTREC will continue the partnership with the National Volunteer Fire Council (NVFC) to provide **\$10,000 each to three volunteer fire departments** in the US in 2022.

**\$85,000 has been provided to volunteer fire departments!**

- Application period is open until **September 1**















# Program Overview

— [www.transcaer.com](http://www.transcaer.com) —

Assisting communities to prepare for and respond to possible hazardous materials transportation incidents



# OUR SCOPE

A voluntary national outreach program, established in 1986, that focuses on assisting communities to prepare for and respond to a possible hazardous material transportation incident.

**TRANSCAER members consist of volunteer representatives from:**

- ◆ Chemical Manufacturing
- ◆ Distribution
- ◆ Emergency Response
- ◆ Transportation Carriers
- ◆ Industry & Industry Associations
- ◆ Government Personnel





# OUR PURPOSE

- ◆ Promote safe transportation and handling of hazardous materials
- ◆ Educate and assist communities near major transportation routes about hazardous materials
- ◆ Aid community emergency response planning for hazardous material transportation incidents



# SPONSORS



# PARTNERS



U.S. Department of Transportation  
Pipeline and Hazardous Materials  
Safety Administration



# TRANSCAER OFFERS...

## ❖ **PLANNING ASSISTANCE**

Local community assistance better understand and plan for hazmat transportation emergencies

## ❖ **TRAINING**

Classroom and hands-on training

## ❖ **DRILLS AND EXERCISES**

To improve the response and handling of hazmat emergencies

## ❖ **REFERENCE AND TRAINING MATERIALS**

Technical information about chemicals and transportation equipment for both training and actual emergency response

## ❖ **NETWORKING OPPORTUNITIES**

New programs and resources, and networking with each other

## ❖ **RESOURCES**

State Coordinators work to implement the TRANSCAER mission and help connect local responders with the resources they need





**26,155**  
trained in 2021

**610** training  
events held in  
2021

**91**  
webinars offered  
in 2021

**News**  
**TRANSCAER®**  
today magazine &  
eNewsletter

Partnerships with  
PHMSA, FRA,  
FMSCA, NVFC, IAFC,  
NAFTD, and OLI

**16 courses**  
available 24/7 on the  
TRANSCAER LMS

Sponsored by **10**  
organizations

**7 New Seconds**  
**Count - Are You**  
**Prepared?** videos  
released in 2021



American  
Petroleum  
Institute





# reaching OUT

TRANSCAER® aims to reach out to a broad spectrum of stakeholders from responders, to government, to industry -- here are some of our OUTREACH & TRAINING efforts across North America.







## Working with first responders in the field – Hands-on & Live-Release Drills



#1 request in 2022 – Ammonia Live Release Drill

Average Cost: ~\$6,500-\$8,200

Locations completed:

- Cheyenne, WY
- Weston, WV (Saturday course for volunteers)
- Forsyth, GA

Locations on waitlist:

- Florida
- Maryland
- Indiana
- Rhode Island
- Kentucky



# TRANSCAER®

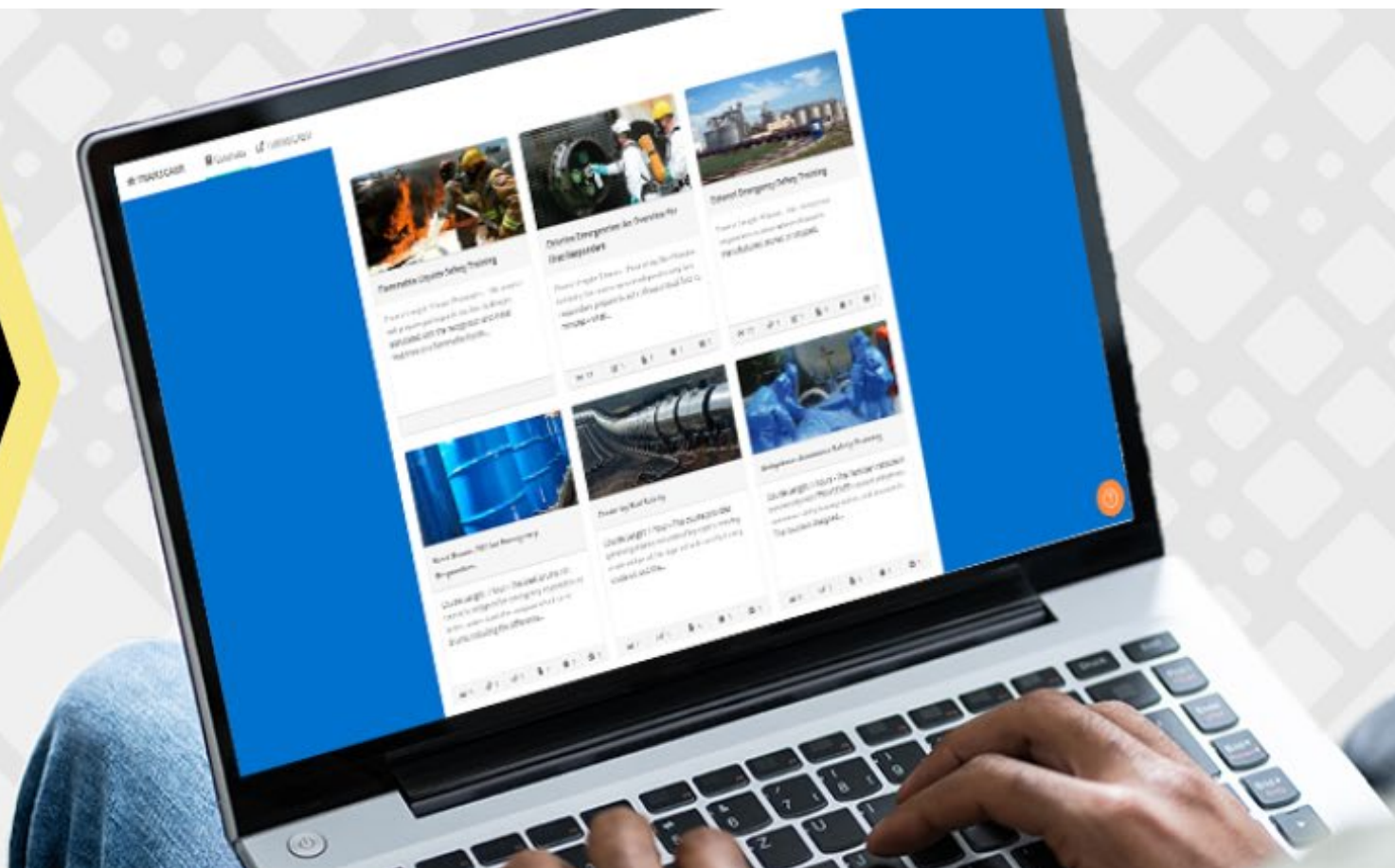
Transportation carriers working with first responders in the field





Check Out Our **FREE**  
**ONLINE HAZMAT**  
**COURSES**

[www.hazmatcourses.com](http://www.hazmatcourses.com)



**Learning Management System**

**16**

**FREE courses**  
**available 24/7**



The TRANSCAER Hazmat Team Response Fund was established to assist hazmat responders in acquiring hazmat response equipment and advanced training to protect themselves and their community when responding to hazardous materials transportation incidents.



## 2022 Recipients

City of Marion Fire Department  
(Marion, SC)

Elgin Fire Department  
(Elgin, IL)

## 2021 Recipients

Champaign Fire Department  
(Champaign, IL)

Hawkins County Emergency  
Response Team  
(Rogersville, TN)

Laredo Metro Fire Department  
(Laredo, TX)

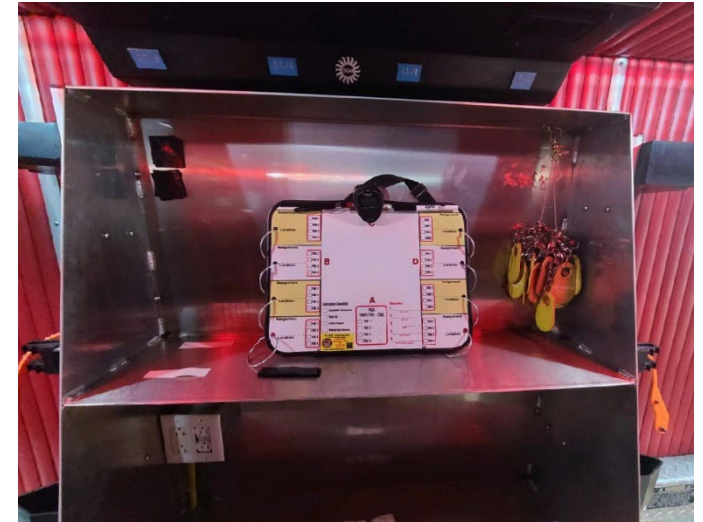
Devine Volunteer Fire & Rescue  
Department  
(Devine, TX)



# Hawkins County Emergency Response Team



Rogersville, TN





# AR

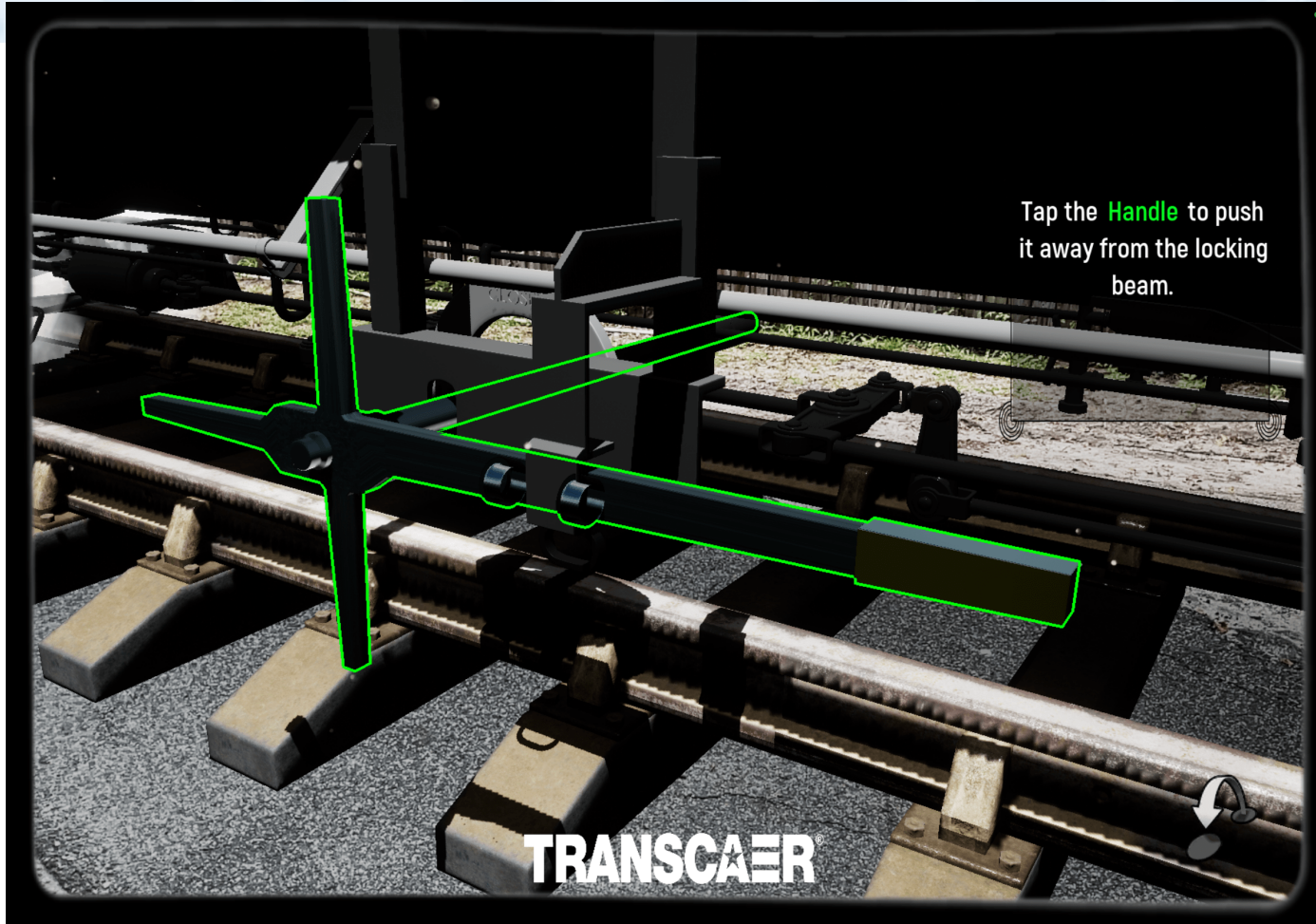
## OVERVIEW





# TRANSCAER Augmented Reality Scenario

## DOT 117 Handle



***Please note these are for DEMO ONLY, scenarios are still under review for accuracy & finalization by TRANSCAER.***



# TRANSCAER Augmented Reality Scenarios

## Rupture Disc Mitigation

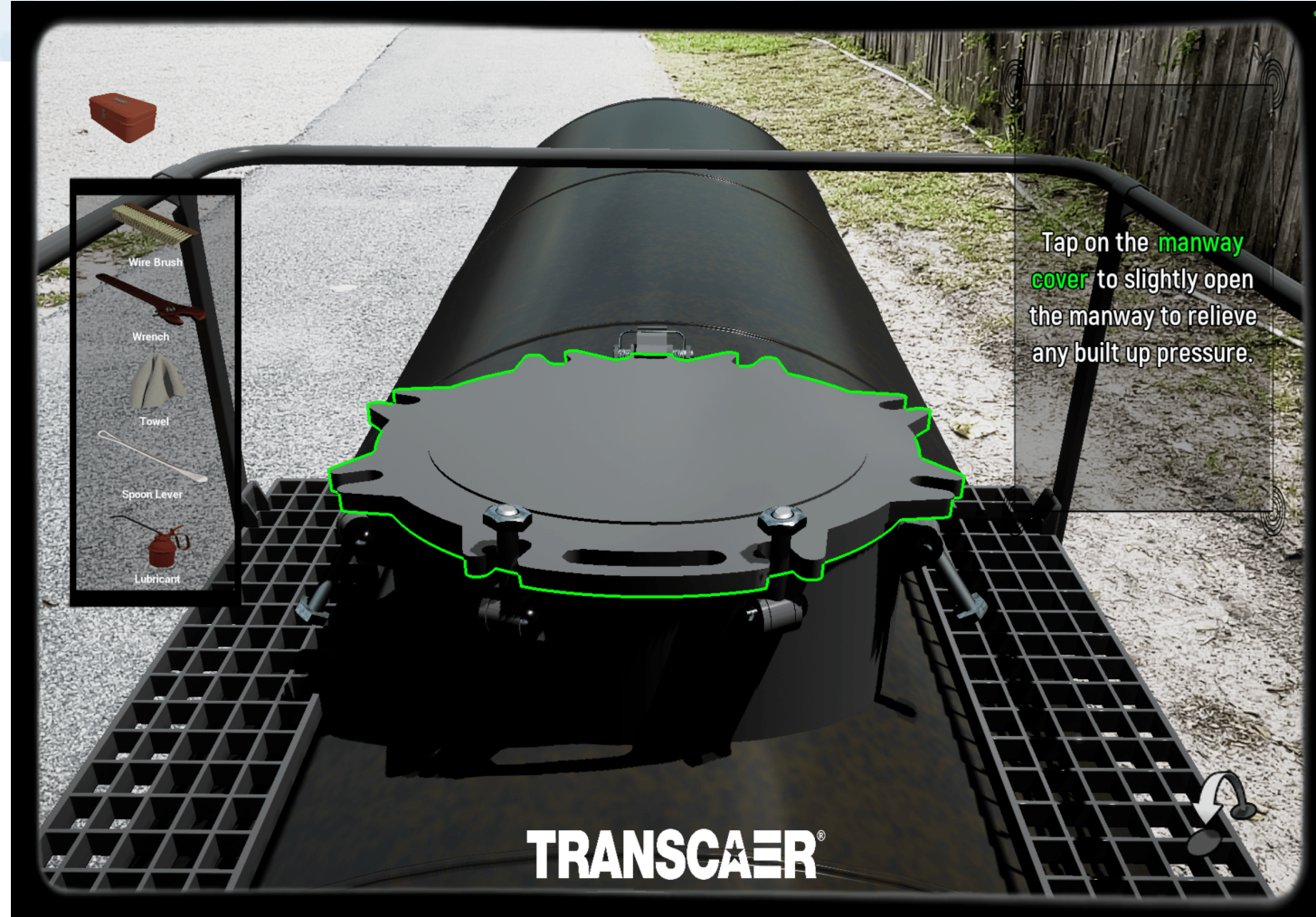


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# TRANSCAER Augmented Reality Scenarios

## Manway



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# TRANSCAER Augmented Reality Scenarios

## DOT 105 Chlorine Tank Car



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# TRANSCAER Mobile Application

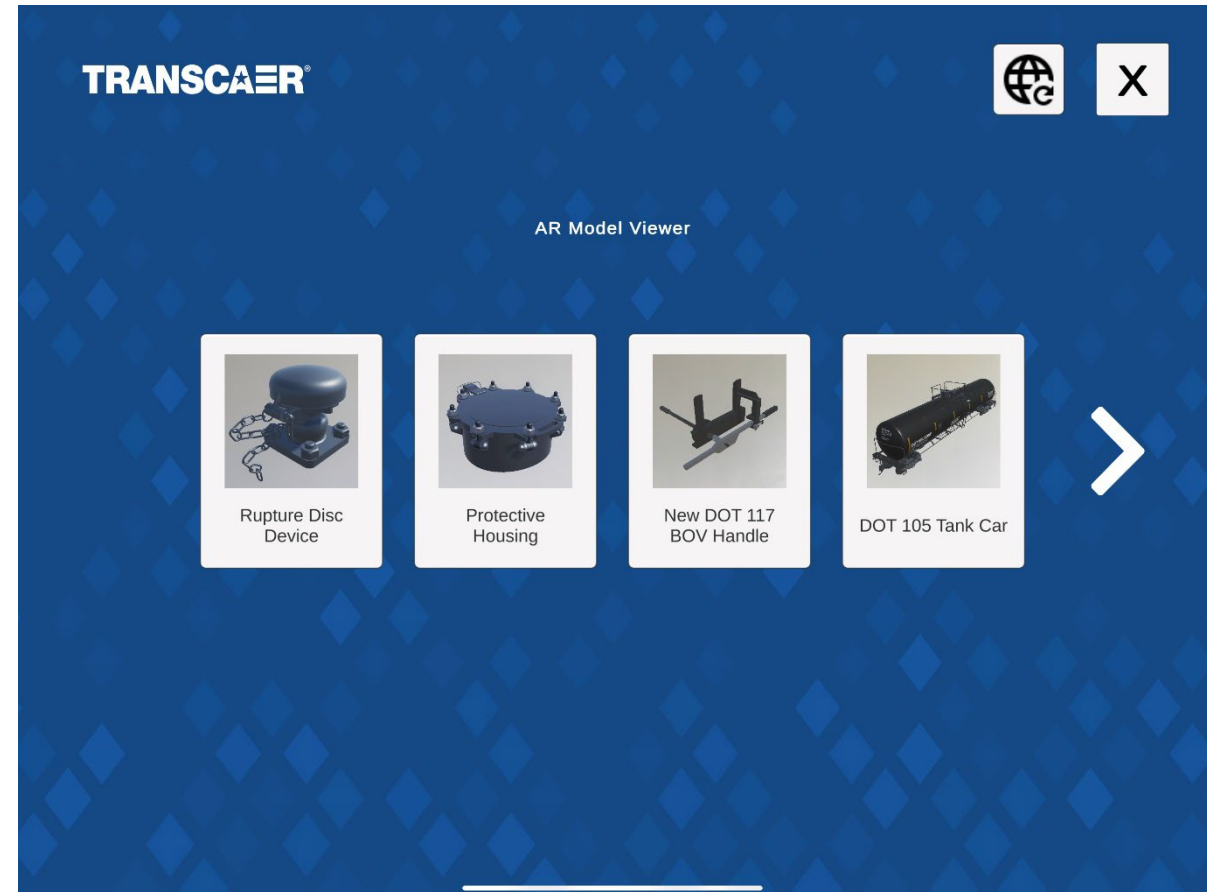
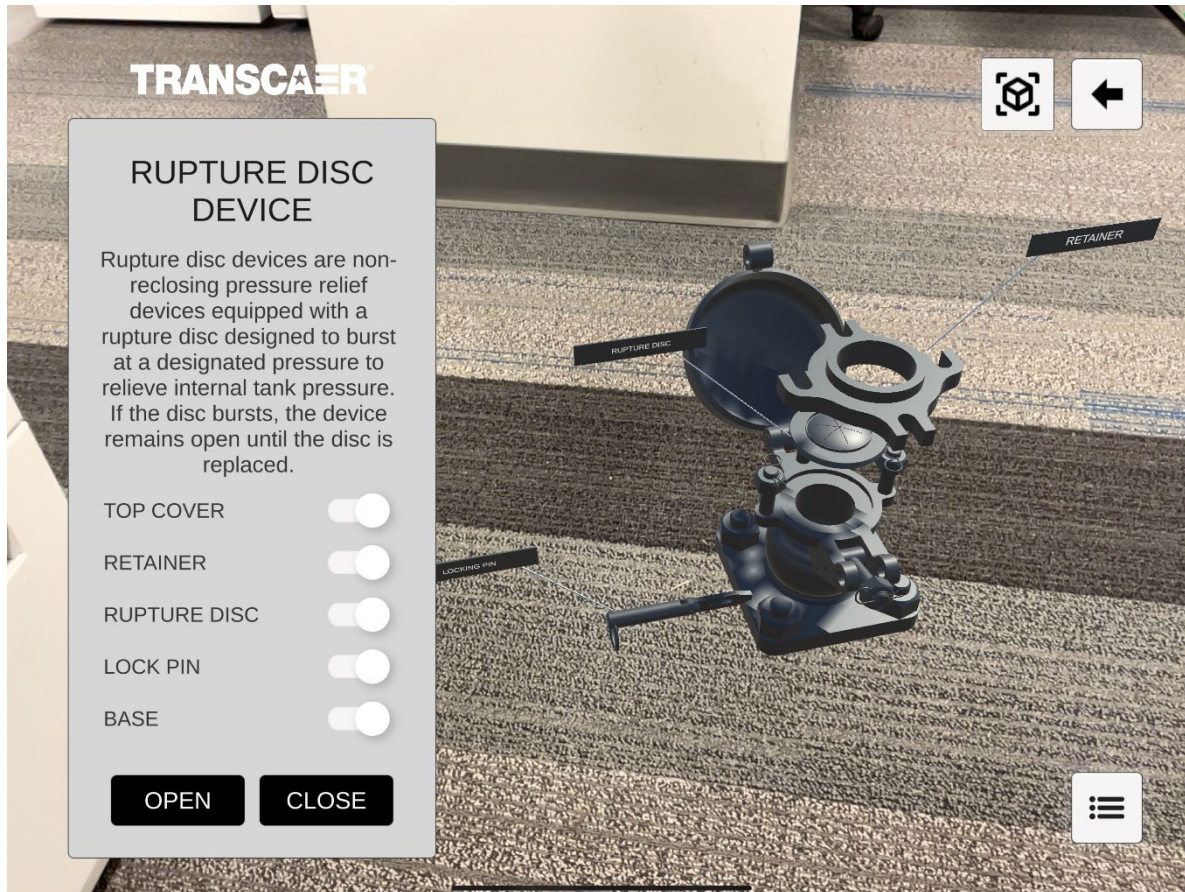
- App will be accessed through private link, not searchable in app store
- The app can be used online or offline
- The mobile app will automatically update when connected to Wi-Fi
- Additional models will hopefully be added to the app in the future



***Please note this image is for DEMO ONLY, scenarios are still under review for accuracy & finalization by TRANSCAER.***



# TRANSCAER Model Viewer



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