

GLICK at a GLANCE

Spring 2021
VOL. 28/ISSUE 1

**EXPO
SEASON 2021
HAS BEGUN!**
See back cover for
dates and info.



INSIDE:

GREASE GRITS: Diesel Engine Emissions Control System • New Sales • Recent Deliveries
FRONTLINE COMMUNICATIONS Command Vehicles • New Employees • Racing Sponsorships

Letter from the President

Here Comes Spring!

We were all excited for the 2021 show season to start. Unfortunately, **FireExpo** in Harrisburg has already been cancelled due to Covid. We are planning on doing alternative events so that we can still show you what **Pierce, Demers, Braun, and Crestline** have to offer your departments. Stay tuned to our website and social media for updates.

As of now, we will be participating in the **Monroeville Fire & EMS Show**, (previously known as the Pittsburgh Fire Rescue & EMS Show) at the Monroeville Convention Center. This will be held later than previous years, beginning Saturday, June 5 through Sunday, June 6. The venue will be a bit different this year, and **GLICK** will be located in a more accessible area as well.

FDIC International (Fire Department Instructor's Conference) at the Indiana Convention Center & Lucas Oil Stadium, has been rescheduled for August 2021. Typically, **GLICK** is at the **Pierce Mfg.** booth, and at the **Demers, Braun, and Crestline** Ambulance booths. So far, this is a go!

We also participate in a number of EMS events, and we will share information as we know it. Check our website at www.glickfire.com/news for updates.

We have a number of demo units that are available for onsite visits, both Pierce and ambulances. Please contact



your Account Manager to schedule a demo, or to find yours go to www.glickfire.com/acct-manager.

GLICK has long been a supporter of NHRA and other types of racing. This year, as in the past, we are sponsors of numerous race teams across the state (see pg. 7). If you get the chance, come out and support these racers and their dedicated teams.

In this issue's *Grease Grits*, we discuss the Diesel Engine Emissions Control system operation and possible solutions should you have an issue.

As we continue to grow, we have open positions within **GLICK Fire Equipment**. Please check out the Careers section of our www.glickfire.com website for posted positions that we are looking to fill.

If there is ever anything that we can do to improve our service to you, I encourage you to reach out to us. We look forward to the rest of the year, and continually strive to deliver service beyond your expectations.

Thank you for your business and the confidence you place in **GLICK Fire Equipment!**

Doug Glick
President



GET SOCIAL WITH US!



/GlickFireEquipment



/glickfire



@glickfire

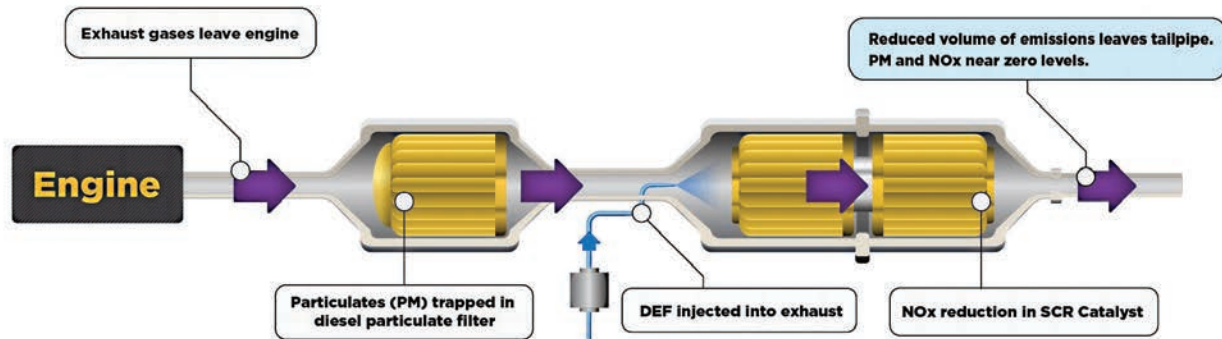


/glickfire

NEW SALES

COMPANY	COUNTY	APPARATUS TYPE	ACCOUNT MGR.
Boalsburg Fire Co.	Centre	Pierce® Velocity® PUC Pumper	Randy Uhrich
Borough of Chambersburg Fire Dept.	Franklin	Pierce® Enforcer™ Pumper	Cyle Sheaffer
Borough of Wilson Fire Dept.	Northampton	Pierce® Enforcer™ 107' Ascendant®	Bud Strauss
Canonsburg Volunteer Fire Dept.	Washington	Pierce® Ford F-550 Mini Pumper	Jim Sims
City of Bethlehem Fire Dept.	Northampton	Pierce® Enforcer™ Pumper	Ralph Rehrig
City of Washington Fire Dept.	Washington	Pierce® Enforcer™ Heavy-Duty Rescue Pumper	Curt Woerth/ Scott Schill
Clarion Hose Co.	Clarion	Pierce® Enforcer™ Heavy-Duty Rescue Pumper	Joe Wrenn
Coopersburg Fire Co. No 1	Lehigh	Pierce® Enforcer™ Heavy-Duty Rescue Pumper	Bud Strauss
Crescent Hose Co.	Erie	Pierce® Enforcer™ Heavy-Duty Rescue	Joe Wrenn
Hamburg EMS	Berks	Demers Sprinter Type II Ambulance	Chris Woolfolk
Lackawaxen Twp. Volunteer Fire Dept.	Pike	Pierce® Saber® Dryside Pumper Tanker	Bud Strauss
Lawn Fire Co.	Lebanon	Pierce® Enforcer™ Heavy-Duty Rescue Pumper	Randy Uhrich
Liberty Twp Fire Co.	Montour	Pierce® Saber® Pumper Tanker	Randy Uhrich
Lower Allen Township	Cumberland	Pierce® Enforcer™ 107' Ascendant® Ladder	Cyle Sheaffer
McGonigle Ambulance Svc.	Mercer	Demers Transit Type II Ambulance	Don Rosin
Oley Fire Co.	Berks	Pierce® Kenworth Tanker	Jake Bachman
Patterson Volunteer Fire Co.	Beaver	Pierce® Enforcer™ Pumper	Joe Wrenn
Perseverance Volunteer Fire Co.	Montgomery	Pierce® Saber® Pumper	Ralph Rehrig
Rainbow Volunteer Fire Co.	Allegheny	Pierce® Enforcer™ 55' Skyboom	Jim Sims
Robert Fulton Fire Co.	Lancaster	Pierce® Kenworth 3,000 Tanker	Jake Bachman
Star Hose Co. #1	McKean	Pierce® Arrow XT™ Pumper	Joe Wrenn
St. Mary's Area Ambulance Svc.	Elks	Glick Fire Upfit of a Ford Interceptor	Don Rosin
Union Fire Co. of Cornwells Hts	Bucks	Pierce® Ford F-550 Mini Pumper	Matt Wiedenhaefer
Upper Perkiomen Valley Ambulance	Montgomery	First Priority Renaissance Remount Type III Ambulance	Nick DeWitt
Valley Regional Fire Rescue	Luzerne	Pierce® Saber® Pumper	Dave Roberts
Weldon Fire Co.	Montgomery	Pierce® Enforcer™ Pumper	Ralph Rehrig
Weldon Fire Co.	Montgomery	Pierce® Enforcer™ Rescue Pumper	Ralph Rehrig
West Willow Fire Co.	Lancaster	Pierce® Enforcer™ PUC Pumper	Jake Bachman
Western Berks Ambulance	Berks	Crestline CCL150 Type III Ambulance	Chris Woolfolk

Understanding your DIESEL ENGINE EMISSIONS CONTROL SYSTEM



Seeing a new light pop up on the dash can strike fear in your budget, and give you concerns about making it to the scene the next time your tones are tapped. Diesel exhaust emissions systems are expensive and complicated, and a warning light related to these systems can be daunting. If your apparatus are the only diesels you spend any time around you may not understand how this system works or have any idea how to repair it when something goes wrong.

There are several terms and acronyms used when referring the emissions systems on your modern diesel engine, but some of the most common ones that we will be discussing are regen, DEF, DPF and SCR.

First, let's take a very basic look at what happens to your exhaust after it leaves the engine. After passing through the turbocharger it enters the DPF (diesel particulate filter). This is essentially a porous ceramic block that traps any soot (particulate matter and unburnt fuel) to prevent it from entering the atmosphere as pollution. After passing through the filter, DEF (diesel exhaust fluid) is injected into the exhaust stream as it enters the catalytic converter allowing SCR (selective catalyst reduction) to occur. This is a chemical reaction between the exhaust, DEF, and metals in the catalyst that converts the nitrogen oxides in the exhaust to nitrogen, water, and carbon dioxide. The exhaust is now clean and continues out the tailpipe.

The DPF will slowly fill up with soot and begin to restrict the exhaust flow. The most effective way to clean the filter is by burning off the accumulated soot and 'regenerating' the filter. In an ideal situation, this occurs when the exhaust gas gets hot enough to burn it off while driving with no additional input from the emissions system. This is known as passive regen.

If the truck is not driven on long trips or put under load, the exhaust may never get hot enough for a passive regen. Once the filter accumulates enough soot to restrict exhaust flow, the engine controls will sense the reduced flow and implement an active regen. This is accomplished by injecting fuel into the hot exhaust, igniting the fuel and actively burning off the soot.

If the truck is not able to enter a passive or active regen mode, you will get a check engine light or regen light (see images shown left) once the DPF gets restricted. If you catch it early you may be able to take the truck out for a long drive, getting the exhaust hot enough to enter a passive or active regen. If this does not work you may need to perform a forced regen. Some engine manufacturers allow you to enter a forced regen by following a specific series of inputs, while others will require a technician to start the regen from their laptop or handheld device.

Always keep in mind that the exhaust on a modern diesel gets very hot and can ignite dry brush or any flammable material in its path.

There are several lights or combinations of lights related to the emissions systems that can tell you a little more about why the light is on, and what is going on with your truck.

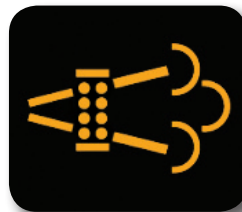
If you get a light related to your diesel emissions system give your **GLICK Fire Equipment** service representative or road tech a call and we can help you determine the best solution to your concern. Email service@gllickfire.com, or call one of our four facilities:

Lancaster County: 717.299.4120

Butler County: 724.452.5553

Clinton County: 570.858.0500

Montgomery County: 267.638.6380



Regen Light



Hot Exhaust Light

EMPLOYEE NEWS

Welcome to our New Employees!

GRETA BENNETT

Accounts Receivable • Bird In Hand

Greta is a senior at Millersville University where she will be graduating with a Bachelor of Science in Business Administration. She loves cooking, baking, quilting, reading, and watching M*A*S*H. She has a 6-month-old German Shorthaired Pointer named Alda. greta.bennett@glickfire.com



ROB MACCHIA

Fire Sales Account Manager • NE PA

Rob has been a firefighter for the FDNY for fifteen years. He is currently working at Rescue 1 in New York City. He lives in Langhorne with his wife, their two daughters, and their crazy dog. rob.macchia@glickfire.com



SAM GATES

Fire Sales Account Manager • SW PA

Sam is a part-time career firefighter at McKeesport Fire Dept., and was previously a SAFER GRANT paid firefighter in KY. He was born in Pittsburgh and raised in North Versailles, and enjoys playing softball, snowboarding during the winter, and ATV riding. sam.gates@glickfire.com



WE'RE HIRING!

Would you like to be part of the GLICK team?
Visit www.GlickFire.com/careers to view open positions and download application.

FRONTLINE COMMUNICATIONS

MOBILE COMMAND VEHICLES / EMERGENCY RESPONSE VEHICLES

As a division of Pierce Manufacturing Inc, **Frontline Communications** has been a solid company well known for their customization, innovation, quality, and commitment to the industries they serve, making them a leading custom communications vehicle manufacturer since 1985.

SMALL MOBILE COMMAND VEHICLES

Reliable emergency response vehicles are highly customizable and provide robust, high-performing communication proficiencies.



MID-SIZE MOBILE COMMAND VEHICLES

Vehicles range in lengths from 25' to 35' and provide the space and maneuverability your agency requires to fulfill the most demanding missions.



LARGE MOBILE COMMAND VEHICLES

Vehicles range in sizes from 35' self-propelled units to 53' trailers and are meticulously designed to replicate an agency's emergency operation center.



CRU-22 MOBILE COMMAND VEHICLE

Equipped with a 3.7L Ti-VCT V6 engine and powered by the award-winning, 8kW patented Frontline Communications VIP® power system with 12V and 120V power.



Would your department benefit from one of these specialty vehicles?
Contact your GLICK Account Manager for more information, or email sales@glickfire.com

www.GlickFire.com/frontline

ALLEGHENY COUNTY EMERGENCY SERVICES**Allegheny County – Job #35348**

Pierce® Saber® Pumper; Cummins® L9, 450 hp engine; 750-gallon tank; Waterous CMU 2,000 GPM two-stage pump; Harrison 6kW MSV generator; 19-inch extended bumper; Side Roll and Frontal Impact Protection; 3.00" Deluge outlet with TFT Extend-a-Gun XG18

BETHLEHEM TWP FIRE DEPT., Northampton County**Job #34424**

Pierce® International™ Pumper; Cummins® B6.7, 360 hp engine; 500-gallon tank; Waterous CSU 1,250 GPM; Harrison 6kW generator; 22-inch extended bumper; Warn® 9,000 lb. portable winch

BRIGHTON TWP VOLUNTEER FIRE DEPT., Beaver County**Job #34069**

Pierce® Saber® ENCORE® Rescue; Cummins® L9, 450 hp engine; Onan 35kW generator; 22-inch extended bumper; Side Roll and Frontal Impact Protection; Warn® ZEON® 10-S kit, 10,000 lb. portable winch; Atlas-Copco air tool compressor

**BROOKLINE FIRE CO., Delaware County – Job #34926**

Pierce® Enforcer™ Pumper; Cummins® L9, 450 hp engine; 450-gallon tank; Hale DSD 1,500 pump; 300-gallon Class B foam cell; Husky®90 industrial foam system; New York style hose bed; 19-inch extended bumper; Side Roll and Frontal Impact Protection; TAK-4® Independent Front Suspension; 3.00" Deluge outlet with TFT Extend-a-Gun

CITY OF WILKES BARRE FIRE HEADQUARTERS**Luzerne County – Job #08619**

Braun Liberty Type I Ambulance on a Ford F-550 chassis; Stryker® Power-LOAD; Whelen emergency lighting; Traffic emitter; Rear camera; LED dome lights

COLUMBIA FIRE COMPANY, Clearfield County – Job #34993

Pierce® Enforcer™ PUC Pumper; Cummins® L9, 450 hp engine; 750-gallon tank; Pierce® 1,500 GPM pump; Harrison C-Gen 7.5kW Hotshift PTO generator; 26-inch extended bumper with three hose trays; TAK-4® Independent Front Suspension; Warn® 9,000 lb. portable winch

COMMUNITY LIFETEAM, Dauphin County**Job #CCL-F21C-20215 – 218 4 UNITS!**

Crestline CCL150 Type III Ambulance on a Ford E-350 chassis; 68" body; Stryker® Performance-LOAD and Power-PRO XT cot; CPR seating; CPR seating; (5) LED emergency lights on front; All Whelen® LED emergency lighting; Rear camera; 02 to Go oxygen lift system

EDINBORO VOLUNTEER FIRE DEPT., Erie County**Job #35001**

Pierce® Enforcer™ Heavy-Duty Rescue Pumper; Cummins® X12, 500 hp engine ; 1,000-gallon tank; Hale® Qmax-150 1,500 GPM pump; Akron Eductor 3126-125 foam system; 22-inch extended bumper; 3.00" Deluge outlet w/TFT Extend-a-Gun XG18; Warn Zeon 10-S kit 10,000 lb. portable winch

ERIE FIRE DEPT., Erie County – Job #34984

Pierce® Enforcer™ Pumper; Cummins® L9, 450 hp engine; 750-gallon tank; Hale® Qmax-150, 1,500 GPM pump; New York style hose bed; 22-inch extended bumper; 3.00" deluge outlet riser with Akron 3431 monitor; (2) lowered 1.50" crosslays

FARRELL FIRE Dept., Mercer County – Job #35068

Pierce® Enforcer™ PUC Rescue Pumper; Cummins® L9 450 hp engine; 500-gallon tank; Pierce® 1,500 GPM PUC pump; 30-gallon Class A foam cell; Husky®3 PUC foam system; 26-inch extended bumper; 3.00" Deluge outlet with Akron StreamMaster monitor

HARBORCREEK FIRE DEPT., Erie County – Job #34917

Pierce® Enforcer™ Pumper; Cummins® 450 hp engine; 1,000-gallon tank; Waterous CSU, 1500 GPM pump; New York style hose bed; 19-inch extended bumper with center hose tray; 3.00" Deluge outlet with TFT Extend-a-Gun XG18; Ladders storage through center of water tank; (2) lowered 1.50" crosslays

KEARSARGE FIRE DEPT., Erie County – Job #34931

Pierce® Ford F-550 SuperDuty 4x4 light rescue; PowerStroke® 330 hp V8 diesel engine; 12' rescue body; 4-door crew cab; Command Light traffic directing light; Roof walkway; Power in all compartments; Brush guard grille; Receiver hitches on all 4 sides; **CUSTOM TOOL MOUNTING BY GLICK**

LIONVILLE FIRE COMPANY NO. 1, Chester County**Job #34960**

Pierce® Arrow XT™ 100' Rear Mount Aerial Platform; Cummins® X15, 600 hp engine; 300-gallon tank; Hale® Qmax-200, 2,000 GPM pump; Harrison 6kW generator; Side Roll and Frontal Impact Protection; TAK-4® Independent Front Suspension; 16-inch extended bumper; 400# tip load; **CUSTOM TOOL MOUNTING BY GLICK**

MADERA AMBULANCE SERVICE, Clearfield County**Job #F20-3014**

Demers Transit T250 Type II Ambulance on a Ford AWD ECO-boost chassis; Stryker® Performance-LOAD and Power-PRO cot; All LED Whelen® emergency lighting; LED strip lighting in medical cabinets; Backup camera; Carson siren

MCGONIGLE AMBULANCE SERVICE, Mercer County**Job #F19-2613**

Demers Transit T250 Type II Ambulance on a Ford Transit 250 chassis; Stryker® Performance-LOAD; All LED Whelen® emergency lighting; Backup camera; LED interior lighting

MONROE ENERGY LLC, Chester County – Job #34461

Pierce® Arrow XT™ Pumper; Cummins® X15 605 hp engine; Darley® 2ZSM 5,500 GPM pump; 1,000-gallon New York Style Type B foam cell; Husky®300 Industrial foam system; New York style hose bed; Side Roll and Frontal Impact Protection; TAK-4® Independent Front Suspension; (2) 4.00" deluge outlets; (1) 8.00" deluge outlet

MOON RUN VOLUNTEER FIRE CO., Allegheny County Job #35102

Pierce® Enforcer™ Pumper; Detroit™ DD13® 525 hp engine; 500-gallon tank; Pierce® 1,500 GPM PUC pump; Harrison 6kW generator; 19-inch extended bumper; Side Roll and Frontal Impact Protection; TAK-4® Independent Front Suspension; Haas Alert collision mitigation system; **CUSTOM TOOL MOUNTING BY GLICK**

MUNHALL AREA PREHOSPITAL SERVICES; Allegheny County – Job #CCL-F21C-20113 & F19C-12774 2 UNITS!

Crestline CCL150 Type III Ambulance on a Ford E-350 Super Duty chassis; 72-inch body; Stryker® Performanc-LOAD; 02 to Go oxygen load system; Whelen® LED emergency lighting; Aluminum cabinets; Rear camera

MUNICIPALITY OF KINGSTON, Luzerne County – Job #35033

Pierce® Saber® Pumper; Cummins® L9, 450 hp engine; 750-gallon tank; Waterous CSU 1,500 GPM pump; 30-gallon class A foam cell; New York style hose bed; 19-inch extended bumper with center hose tray; 3.00" deluge riser outlet; (3) lowered crosslays; **CUSTOM TOOL MOUNTING BY GLICK**

NEW HOLLAND EMS, Lancaster County – Job #08439

Braun Chief XL Type I Ambulance on a Ford F-550 4x4 chassis; Stryker® Performance-LOAD; EZ-02 Lift; Traffic emitter; Whelen® M-series emergency lighting; Traffic Emitter; Buckstop Bumper

UNION COUNTY WEST END AMB ASSOC., Union County Job #08536

Braun Chief XL Type I Ambulance on a Ford F-550 Super Duty chassis; Stryker® Power-LOAD; EZ-02 lift; Traffic emitter; Fog lights; Air horns; Buckstop bumper

VMSC OF LANSDALE, Montgomery County**Job #CCL-F21C-20109/10 2 UNITS!**

Crestline CCL150 Type III Ambulance on a Ford E-350 chassis; Stryker® Power-LOAD and Power-PRO XT cot; CPR seating; All Whelen® LED emergency lighting; High Intensity LED lighting in all interior and exterior cabinets; Restocking frames on interior cabinets; Rear camera; 02 to Go oxygen lift system; Traffic emitter; **CUSTOM TOOL MOUNTING BY GLICK**

**WEST HANOVER FIRE CO., Dauphin County – Job #35053**

Pierce® Enforcer™ Pumper Tanker; Detroit™ DD13® 505 hp engine; 1,800-gallon tank; Waterous CSU 1,750 GPM pump; 30-gallon class B foam cell; 22-inch extended bumper; Side Roll and Frontal Impact Protection; Haas Alert collision mitigation system; Zico Quic-Lift hydraulic tank rack; 2,500-gallon Fol-Da-Tank portable tank; 3.00" deluge outlet; **CUSTOM TOOL MOUNTING BY GLICK**

WESTERN BERKS AMBULANCE INC.; Berks County**Job #CCL-F21C-20112**

Crestline CCL150 Type III Ambulance on a Ford E-350 Super Duty chassis; Stryker® Performanc-LOAD; 02 to Go oxygen load system; Traffic emitter; Whelen® LED emergency lighting; Aluminum cabinets; Rear camera

WOODLYN FIRE COMPANY No 1; Delaware County**Job #FPG14330/13072 2 UNITS!**

First Priority Renaissance Remount Type III Ambulance on a Ford E-350 Super Duty chassis; backup camera, new heat / AC system, refurbished electrical system, New LED emergency lighting

SPRING IS RACING SEASON!

GLICK is proud to be a sponsor of numerous race teams, some of which include GLICK employees.

Please join us in wishing them a safe and winning 2021 season!

Dave Petrofske

NHRA racer, 22-year employee of GLICK's fabrication dept., Lancaster.

Mike Reft, Reft Racing

Sponsored by GLICK for more than 12 years.

Ryan Moyer, Moyer Racing Team

Sponsored by GLICK for more than 7 years.

Witkowski Racing Team

Family of 21-year employee Chris Witkowski, GLICK's Director of Operations

Chase Fahnestock

JECC Racing
NHRA racer, employee of GLICK's fabrication dept., Lancaster.

Joey DeNisi

DeNisi Motorsports
First year sponsored by GLICK, son of Palmer Twp. FC member.

Makayla Fullerton

First year sponsored by GLICK, Member of Ryan Rutz's team.

Ryan Rutz

Fly Boy Racing Team
Member of crew is active member of Carlisle Fire & Rescue

Devin Hart

KHK Motorsports Team
Active member of Friendship Fire Dept., Port Royal, PA.

Andy Anderson

"Nitro Fish" Leverage Racing
NHRA Pro Team and Driver in his 26th season



GLICK is a long time sponsor of the Division 1 Safety Team.



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Bird In Hand, PA 17505
(717) 299-4120

MONTGOMERY COUNTY
1851 N. Penn Road
Hatfield, PA 19440
(267) 638-6380

CLINTON COUNTY
7484 Nittany Valley Drive
Mill Hall, PA 17751
(570) 858-0500

BUTLER COUNTY
2348 Evans City Road
Zelienople, PA 16063
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Upcoming In-Person Events ... and More!



Coming to a Town Near You!

FIRE EQUIPMENT COMPANY, INC.

Get the info at GlickFire.com/events

MARK
THESE
EVENTS
ON YOUR
2021
CALENDAR*

*SUBJECT TO CHANGE

EMS Update

March 25–27

VIRTUAL EVENT

Monroeville Fire & EMS Show

June 5–6

Monroeville Convention Center
Monroeville, PA

NEW EVENT
MANAGEMENT
COMPANY!

FDIC

August 19–24

Indiana Convention Center
Indianapolis, IN

Interschutz USA

October 13–16

Pennsylvania Convention Center
Philadelphia, PA

Code EMS Conference

October 20

VIRTUAL EVENT

Firehouse EXPO

Sept. 14–18

Greater Columbus Conv. Center
Columbus, OH

Get the latest "News and Events" at www.GlickFire.com/news