

ILLINOIS MASTER PLUMBER

ILLINOIS ASSOCIATION OF PLUMBING•HEATING•COOLING•CONTRACTORS

Volume 103, No. 8

August 2017



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The Illinois Master Plumber published monthly, is the official publication of the Illinois Plumbing-Heating-Cooling Contractors Association, only insofar as notices, bulletins, and reports are concerned.

Editorial and personalized news stories reflect the opinions of the writers, and not necessarily that of the Association. Neither the Association nor this magazine accepts responsibility for statements or claims made by advertisers for their products or services.

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PRESIDENT'S THOUGHTS

by Jeff Brown
Illinois PHCC President

Hello again,

I hope everyone has been enjoying their summer and any vacations up to now. Summer is flying by quickly as always. Hopefully the warm weather will stay for a while. With that said, the weather seems to be cooperating so everyone can get their summer work completed and their ground work in.

It was good to see that the Illinois budget problem worked out quickly for all of those with CDB projects, so that we all can get back to work on those jobs. The sad thing to all of this is the extra cost to those projects due to demobilizing and remobilizing. At least this time it was a short stoppage.

I want to remind everyone that Connect '17 (PHCC National Convention) to be held in Milwaukee is coming up October 3rd - 6th. I hope to see a big showing from the Illinois PHCC with the convention so close to home. There will be tours to Kohler, Milwaukee Tool, lots of good education, a product and technology show, networking opportunities and the final event will be held at the Harley Davidson Museum. You will want to register now to get the early bird discount.

Now is also the time to start thinking about getting your continuing education for the 2018 renewal of your plumber's license. The Illinois PHCC CEU classes start next month and a registration form is in the magazine, or you can register at www.ilphcc.com.

Have a great summer. Until next month, everyone be safe and take care.

Jeff Brown 

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IN MEMORY

John Stanzi, 70, of Algonquin, Illinois passed away on July 12th, 2017 after a long battle with cancer. He is survived by his wife and three children

John founded Stanzi & Associates, which became Stanzi-Simms Marketing. He took pride in contributing to the greater Chicago plumbing industry and was a regular exhibitor and supporter of the Illinois PHCC. He concluded his successful career with Metropolitan Industries. His success in business can be directly attributed to his work ethic, loyalty and customer focus.

He served his country honorably as a Marine. As a veteran of the Vietnam War, he earned the Bronze Star Award for his dedication and bravery.

A Funeral Mass was celebrated July 14th at St. Margaret Mary Catholic Church in Algonquin. In lieu of flowers, donations may be made to: Wounded Warriors <https://www.woundedwarriorproject.org>

The Illinois PHCC wishes to express its sympathy to John's family and many friends.



MEMBERSHIP DIRECTORY ADDITIONS

The following members joined after the publication of our annual directory. **Please add their information to your copy.**

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CALENDAR OF EVENTS

SEPTEMBER 22, 2017

IL PHCC CEU Class
John A. Logan College
Carterville, IL

SEPTEMBER 23, 2017

IL PHCC CEU Class
America's Best Value Inn
Vandalia, IL

OCTOBER 4-6, 2017

PHCC Connect '17
Milwaukee, WI

OCTOBER 13, 2017

IL PHCC CEU Class
Northfield Inn & Suites
Springfield, IL

NOVEMBER 3, 2017

IL PHCC CEU Class
Rend Lake College Marketplace
Mt. Vernon, IL

NOVEMBER 10, 2017

Illinois PHCC Convention Committee Meeting
Collinsville, IL

NOVEMBER 11, 2017

Illinois PHCC & Auxiliary Board Meetings
Collinsville, IL

MARCH 23, 2018

Illinois PHCC Expo & Educational Day
Drury Lane Conference Center
Oakbrook Terrace, IL

MARCH 24, 2018

Illinois PHCC & Auxiliary Board Meetings
Hilton Suites
Oakbrook Terrace, IL

JUNE 7-9, 2018

Illinois PHCC Convention
French Lick Resort
French Lick, Indiana



PLUMBING CONTRACTOR REGISTRATION RENEWAL TIME

All plumbing contractors registered with the Illinois Department of Public Health should receive a renewal post card in mid-August. Even though you are renewing online, you must still fax or email the insurance and bonds. **Only send those documents by ONE of these methods.** Do **NOT** email and then follow up with a fax. This only causes confusion and delays the process.

Please make sure you look at all the materials carefully and submit your renewal as soon as possible - **DON'T DELAY.** Questions on renewals may be directed to the IDPH Plumbing Program at 217-524-0791 or to dph.plumbing@illinois.gov.

REVISIONS TO THE IL PLUMBERS LICENSING CODE

Revisions to the Illinois Plumbers Licensing Code (750 Rules) became effective on June 17, 2016. They can be viewed at:

<http://www.ilga.gov/commission/jcar/admincode/068/06800750sections.html>.

A printed version that can be easily inserted in to your Illinois Plumbing Code book is available from the Illinois PHCC. **They can be purchased at any Illinois PHCC CEU class for \$3.00, or by mail for \$5.00.** Make checks payable to the Illinois PHCC and mail to 821 South Grand Ave. West, Springfield, IL 62704.

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CONNECT 2017 REGISTRATION FORM & INFORMATION*

Registrant 1	Title	
Company	Badge Nickname	
Address		
City	State	Zip
Phone	Fax	
Email (For confirmation)	Special Promo Code	
Registrant 2 Title	Badge Nickname	Email
Registrant 3 Title	Badge Nickname	Email

* PHCC Eligibility Policy: CONNECT 2017 and the Product & Technology Showcase are open to all p-h-c contractors, their employees and spouses. Associate Members/industry partners who are not exhibitors are ineligible to attend.

REGISTRATION FEES	QTY	Through Aug. 31	Effective Sept. 1		TOTAL
Full Member Registrant**		\$500	\$600	=	
Second Registrant from same company		\$450	\$550	=	
Third, Fourth, etc. from same company		\$400	\$500	=	
Non-Member Contractor Registrant		\$600	\$700	=	
PHCC Association Manager		\$400	\$500	=	
PHCC Auxiliary Member (non-contractors)		\$300	\$400	=	
Guest/Spouse (non-contractors)		\$300	\$400	=	
PHCC "PAC" Event <i>(Registration Required)</i>		\$150	\$150	=	
PHCC of Wisconsin CEU Course: (Oct. 5) Water Calculations, Sizing, and Distribution		\$39	\$79	=	
QSC Program (Tues.-Wed.) <i>(Indicate number attending at right)</i>		Included in registration	Included in registration	=	
UAC Reception (Thurs.)		\$125	\$125	=	
Milwaukee Tool Tour (Tues. 2:30-7:30 p.m.) <i>(50-Person Max)</i>		\$45	\$55	=	
Lakefront Brewery Tour and Tasting (Tues. 7-10 p.m.) <i>(100-Person Max)</i>		\$35	\$35	=	
Kohler Co. Tour (Wed. 7 a.m.-1:30 p.m.) <i>(50-Person Max)</i>		\$45	\$55	=	
TOTAL				=	

**Group reservations can be made by contacting Customer Care at 800-533-7694, or customercare@naphcc.org.

PAYMENT INFORMATION

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I am a first-time attendee I have accessibility or dietary restrictions. (Please attach a written description of your needs.)

By registering for CONNECT 2017, I understand that I may be contacted by Product & Technology Showcase exhibitors and that photos taken of me during the event may be used in PHCC promotional materials.

HOTEL INFORMATION: Hilton Milwaukee City Center Hotel • PHCC rate: \$179

To reserve a room, call 414-271-7250 and reference "PHCC CONNECT 2017."

CALL: (800) 533-7694 • FAX: 703-237-7442 • REGISTER ONLINE: phccweb.org/CONNECT • Email: connect@naphcc.org

All registration cancellations must be in writing. Refunds for cancellations made after September 5, 2017 will be charged a \$25 processing fee.

Register online at www.phccweb.org/connect to save \$5 off your registration!

– ILLINOIS PHCC ASSOCIATE MEMBERS –

SEVERAL FIRMS JOINED THE ILLINOIS PHCC AS ASSOCIATE MEMBERS FOLLOWING THE PUBLICATION OF OUR ANNUAL MEMBERSHIP DIRECTORY. FOLLOWING IS A NEW AND UPDATED LIST OF OUR ASSOCIATES. PLEASE ADD IT TO YOUR DIRECTORY, AND REMEMBER TO

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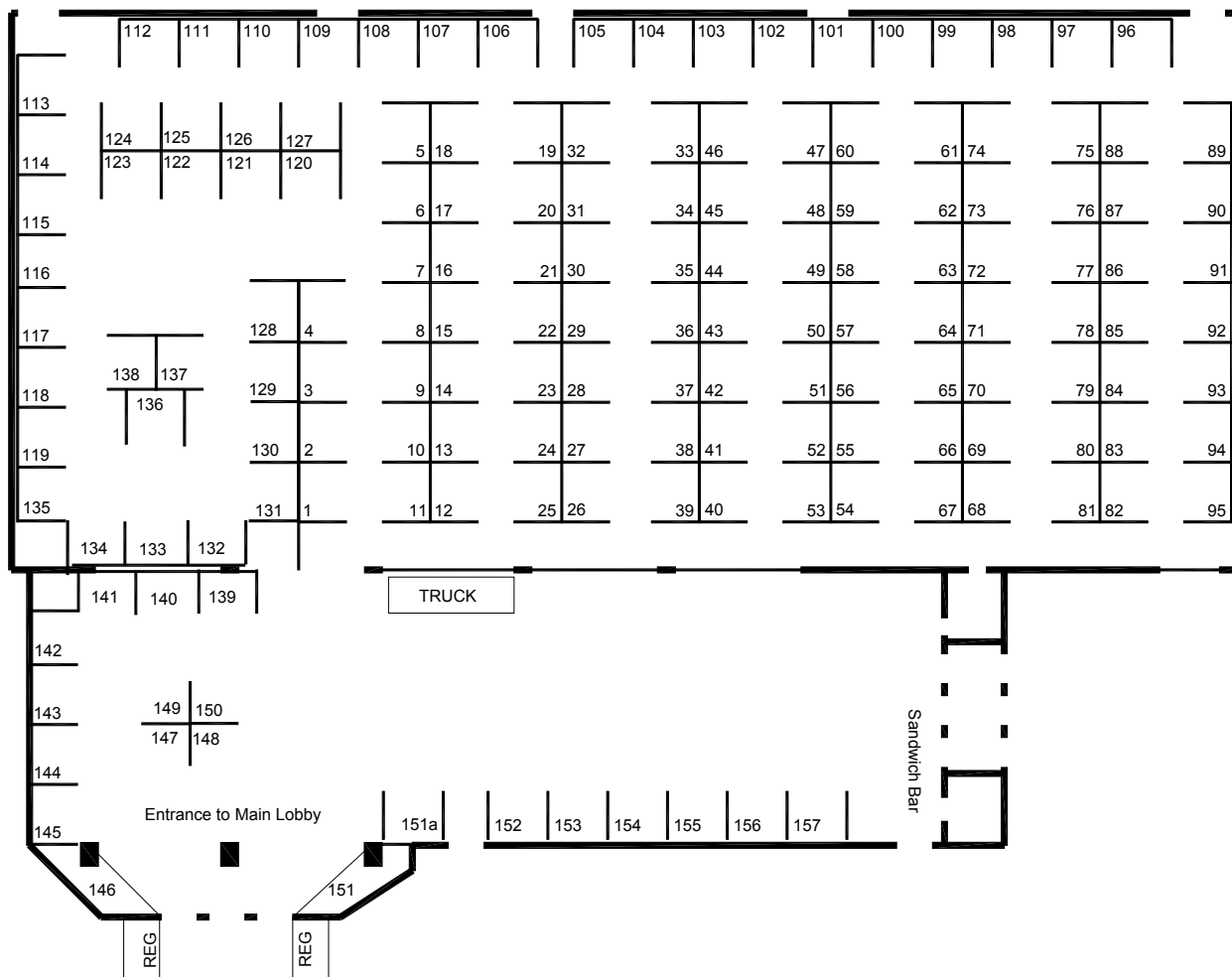
The Illinois PHCC has scheduled **Friday, March 23, 2018** as the date for our annual trade show. The EXPO will once again be held at the **Drury Lane Conference Center** in Oakbrook Terrace, Illinois.

The March 23rd date will be a day for educational opportunities and attending the EXPO. A 4-hour continuing education program will be offered on Friday morning. This will be held in the theatre and will allow us to provide up to 900 people with their CEU credit. Exhibitors and attendees are both invited to the after-EXPO party. Free beer, wine and food will be provided by the Illinois PHCC.

Last year's show proved to be a great success and we plan a repeat performance for 2018. Attendance

was steady throughout the show and the quality of the attendees was superb. We constantly work to upgrade our mailing lists to include **every facet of the p-h-c industry**. We will be offering our exhibitors **free links** to their web sites from the Illinois PHCC site and a discount on advertising in the show issue of the Illinois Master Plumber magazine

Many booths have already been sold, so act now to reserve your space for the event of the year. Please visit our website at www.ilphcc.com/expo to pay on-line by credit card or you can mail in the contract with a check. Please feel free to contact the Illinois PHCC office with any questions.





**2018 Exposition Application & Contract
March 23, 2018**

Company Name: _____
Type or Print Company Name as it is to appear on Printed Material

Booth Preference: Indicate Booth Preference as Shown on Floor Plan.

of Booths _____ Choices 1. _____ 2. _____ 3. _____ 4. _____

Booth Costs: One to three booths cost \$750 each. Four or more booths cost \$725 each.

Discount price for Illinois PHCC Associate Members:

One to three booths cost \$650 each. Four or more booths cost \$625 each.

\$150 deposit per booth must accompany application form.

5% discount if full amount of booth cost is paid prior to December 31, 2017.

BALANCE MUST BE PAID NO LATER THAN FEBRUARY 15, 2018.

Make check payable to: Illinois PHCC, 821 South Grand Ave. West, Springfield, IL 62704

Company _____

Street Address or P.O. Box _____

City / State / Zip _____

Contact _____

Phone Number _____ Fax Number _____

E-mail _____ Website _____

Signature _____

The following products or services will be displayed: _____

Space assigned on a first come, first served basis. Please furnish all information requested. Cancellation must be by mutual consent of the applicant and the Illinois PHCC. A copy of the accepted contract will be mailed to you. If the contract is canceled prior to January 1, 2018 a full refund will be made. No refunds after February 1, 2018. Booth space contracted without deposit will be made available as space is needed. Illinois PHCC will not be responsible for lost, stolen or damaged goods or damage to the Drury Lane Conference Center.

In compliance with the Americans with Disabilities Act of 1990, the Illinois PHCC Association will make all reasonable efforts to accommodate persons with disabilities at its meetings. Please call 800-795-7422 with any special requests.

Booth Assignment(s) _____

Date ___/___/___ Signed: _____

Illinois PHCC Executive Director/Show Manager



2017-2018 Continuing Education for Illinois Licensed Plumbers

<u>Date/Time</u>	<u>Location</u>	<u>Fee</u>
<input type="checkbox"/> **September 22, 2017 – 1:00 pm-5:00 pm	John A. Logan College, Carterville, IL	\$50.00
<input type="checkbox"/> **September 23, 2017 – 8:00 am-12:00 pm	America’s Best Value Inn, Vandalia, IL	\$50.00
<input type="checkbox"/> **October 13, 2017 – 1:00 pm-5:00 pm	Northfield Inn and Suites, Springfield, IL	\$50.00
<input type="checkbox"/> **November 3, 2017 – 1:00 pm-5:00 pm	Rend Lake College Marketplace, Mt. Vernon, IL	\$50.00
<input type="checkbox"/> **January 12, 2018 – 1:00 pm-5:00 pm	*Heartland College, Bloomington/Normal, IL	\$50.00
<input type="checkbox"/> **February 23, 2018 – 1:00 pm-5:00pm	*Heartland College, Bloomington/Normal, IL	\$50.00
<input type="checkbox"/> **March 23, 2018 - 9:00 am -1:00pm	Drury Lane, Oakbrook Terrace, IL	\$35.00

No Walkins – No Exceptions. All Registrations for the March 23 class must be received before March 1, 2018

<input type="checkbox"/> **April 6, 2018 – 1:00 pm-5:00 pm	Rend Lake College Marketplace, Mt. Vernon, IL	\$50.00
<input type="checkbox"/> **April 20, 2018 - 1:00 pm-5:00 pm	*Heartland College, Bloomington/Normal, IL	\$75.00

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TOTAL AMOUNT ENCLOSED \$ _____

Fee must accompany application.

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4 Credit Hours

To register, complete this form by checking the location you will attend,
provide your complete address, make checks payable to Illinois PHCC and mail to
Illinois PHCC ♦ 821 South Grand Avenue, West ♦ Springfield, Illinois 62704
Phone (217) 522-7219

Name: _____ License # **058-** _____

Address: _____

City/State: _____ Zip _____

Phone: _____ Fax: _____

Email address: _____

IMPORTANT:

You MUST bring your Plumbers License with you to the program. Please arrive no later than 30 minutes prior to complete the registration process. Directions are available on our website at www.ilphcc.com
Cancellation Policy: IL PHCC reserves the right to cancel a course due to insufficient enrollment. If we cancel a course, you will be notified and your pre-registration will be refunded to you or you may transfer to another location. There is no refund for any registration not cancelled (10) working days prior to the class. Cancellations made prior to (10) working days will be charged a \$15.00 cancellation fee. There will be a \$50.00 service charge for any checks returned due to insufficient funds.

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Total amount enclosed \$ _____

Mail form with payment to:

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Springfield, IL 62704**

Make checks payable to the Illinois PHCC.

There will be a \$40.00 service charge for any checks returned due to insufficient funds.

Questions? Contact the Illinois PHCC at bev@ilphcc.com or shelly@ilphcc.com

(217) 522-7219

CDA LAUNCHES HOW-TO VIDEOS FOR WORKING WITH COPPER THREADED ADAPTERS AND FLANGES

The Copper Development Association's (CDA) newest "Do It Proper with Copper" educational videos demonstrate how to properly create strong, leak-free connections in some common but more difficult to join piping components, an issue raised by plumbers, technicians and installers working on medical gas, HVAC and refrigeration systems.

The first video, *How to Braze Threaded Copper Adapters*, provides tips for preventing leaks when making a high-quality brazed joint with a threaded copper adapter, and the second video, *Soldering and Brazing Copper Alloy Flanges*, highlights the necessary steps to properly join copper tubes and copper alloy flanges.


"As with all our videos in the Do It Proper with Copper series, CDA is always looking to take the guess work out and offer the right way to solder, braze or otherwise join copper tube, fittings and piping components," said Andrew G. Kireta, vice president of CDA. "It is our goal to mitigate the number of issues we see in the field and provide plumbers with the necessary educational resources to do their job properly and effectively."

CDA chose to highlight the proper method for brazing female copper adapters because too often technicians were experiencing leaks at the threads. Often these fittings are damaged by overheating the threads, which allows annealing to occur. In the video, CDA project manager Harold Moret demonstrates how using a heat sink can prevent the threads from becoming soft, which can cause the joint to fail.

In the flanges video, Moret shows the recommended soldering and brazing techniques, including the proper amount of flux, filler metals and the amount of heat used to ensure a leak-free joint.

"Although soldering and brazing are the most common methods of joining copper tube and fittings, they are often the least understood," added Kireta.

"It is this lack of understanding that can cause poor installation procedures and lead to faulty joints."

To check out CDA's newest copper piping videos, visit CDA's YouTube Channel or download the Copper Tube Handbook app on your mobile device from the Apple App store or Google Play store. For more information about copper and copper alloys, visit www.copper.org. 



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OSHA LAUNCHES APPLICATION ON AUGUST 1

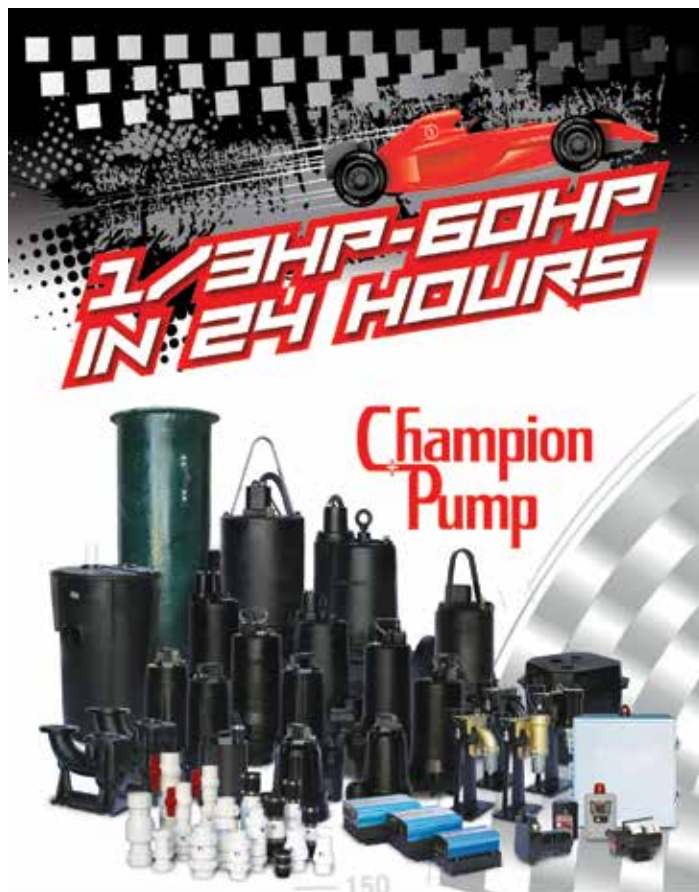
The Occupational Safety and Health Administration launched on Aug. 1, 2017, the Injury Tracking Application (ITA). The Web-based form allows employers to electronically submit required injury and illness data from their completed 2016 OSHA Form 300A. The application will be accessible from the ITA webpage.

Last month, OSHA published a notice of proposed rulemaking to extend the deadline for submitting 2016 Form 300A to Dec. 1, 2017, to allow affected entities sufficient time to familiarize themselves with the electronic reporting system, and to provide the new administration an opportunity to review the new electronic reporting requirements prior to their implementation.

The data submission process involves four steps: (1) Creating an establishment; (2) adding 300A summary data; (3) submitting data to OSHA; and (4) reviewing the confirmation email. The secure website offers three options for data submission. One option will enable users to manually enter data into a web form. Another option will give users the ability to upload a CSV file to process single or multiple establishments at the same time. A third option will allow users of automated recordkeeping systems to transmit data electronically via an application programming interface.

The ITA webpage also includes information on reporting requirements, a list of frequently asked questions and a link to request assistance with completing the form.

Under the Occupational Safety and Health Act of 1970, employers are responsible for providing safe and healthful workplaces for their employees. OSHA's role is to ensure these conditions for America's working men and women by setting and enforcing standards, and providing training, education and assistance. For more information, visit www.osha.gov. 



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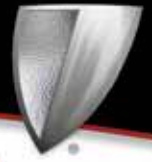


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Cybersecurity and Small Business

It's nearly impossible these days for businesses to operate without the help of Internet-connected devices, which exposes them to cybercrime. It's the small- to medium-sized businesses, however, that are especially vulnerable: half are victims of cybercrime and nearly two-thirds of those victims go out of business.¹ Hackers increasingly target small businesses because there is a low risk they will be caught and a high probability they will be successful.

Maintaining personally identifying information (PII) on a computer connected to the Internet creates a nearly unavoidable risk. More than likely, names, addresses, and employees' employment information are stored. If PII is acquired by someone without the authority to do so, in most states that is a security breach (data breach).

Banking, credit, and vendor account information is also vulnerable. Even if that valuable information is not stored on an Internet-connected computer, employees who have access to it can be duped into handing it over to criminal actors.

Best Practices and Security Tips

Tip 1: Train Employees in Information Technology Security. Training should be offered especially to those who are responsible for accounts payable, human resources records, and wire transfers. Training for all employees should be reinforced periodically.

Employees should be instructed to refrain from clicking links or attachments in e-mails, and not to pay an invoice until it's confirmed that the sender actually sent it. Even if the e-mail appears to be from a trusted source, employees should learn to always copy and paste links or type URLs into a browser to see if the address is valid.

Tip 2: Funds Transfers. Put a policy in place to have an in-person or telephone conversation to confirm e-mail requests for funds or personal information. It can greatly reduce the likelihood of fraudulent transfers or information sharing.

Tip 3: E-mail Authentication. Phishing can be substantially reduced by verifying that the e-mail originated from the domain it is associated with. If your domain is hosted, it's worth taking some time to look at how your e-mail is set up to ensure proper authentication schemes are used.²

Tip 4: Change default passwords on your router and other Internet-connected devices.

Tip 5: Use a trusted VPN service when using WiFi.

Tip 6: Back up your data regularly both to the Cloud and to a removable device.

Tip 7: Update firmware and software regularly.

Security professionals used to strive for perfect security, but today they accept that goal is unachievable. Instead, they strive for optimal security by combining best practices with a risk management program that considers purchasing data compromise and cyber coverage through a knowledgeable insurance provider.

Cyber ShieldSM from Federated Insurance is a two-part coverage program designed to help provide essential protection against many of the critical cyber and privacy exposures businesses face. Data Compromise Coverage and Cyber Coverage can help your company recover from intentional or accidental breaches. Visit federatedinsurance.com for more information or to find your [local Federated representative](#).

¹"The Impact of Cybercrime on Small Business," Course 10, Tutorial 1, Quoting Dr. Jane LeClair, Chief Operating Officer National Cybersecurity Institute. Online at <https://www.sbir.gov/sites/all/themes/sbir/dawnbreaker/img/documents/Course10-Tutorial1.pdf>.

²The leading e-mail authentication protocols are SPF (Sender Policy Framework), DKIM (Domain Keys Identified Mail) and DMARC (Domain-based Message Authentication, Reporting & Conformance); best practice is to utilize the three protocols together.

This article is intended to provide general information and recommendations regarding risk prevention only and should not be considered legal advice. Following these guidelines does not guarantee reduced losses or elimination of any risks. This information may be subject to regulations and restrictions in your state. Qualified counsel should be sought regarding questions specific to your circumstances and applicable state or federal laws. © 2017 Federated Mutual Insurance Company. All rights reserved.

REMIND YOUR EMPLOYEES TO SLOW DOWN: BACK TO SCHOOL MEANS SHARING THE ROAD

From the National Safety Council

School days bring congestion: Yellow school buses are picking up their charges, kids on bikes are hurrying to get to school before the bell rings, harried parents are trying to drop their kids off before work.

It's never more important for drivers to slow down and pay attention than when kids are present – especially before and after school.

If You're Dropping Off

Schools often have very specific drop-off procedures for the school year. Make sure you know them for the safety of all kids. More children are hit by cars near schools than at any other location, according to the National Safe Routes to School program. The following apply to all school zones:

- Don't double park; it blocks visibility for other children and vehicles
- Don't load or unload children across the street from the school
- Carpool to reduce the number of vehicles at the school

Sharing the Road with Young Pedestrians

According to research by the National Safety Council, most of the children who lose their lives in bus-related incidents are 4 to 7 years old, and they're walking. They are hit by the bus, or by a motorist illegally passing a stopped bus. A few precautions go a long way toward keeping children safe:

- Don't block the crosswalk when stopped at a red light or waiting to make a turn, forcing pedestrians to go around you; this could put them in the path of moving traffic
- In a school zone when flashers are blinking, stop and yield to pedestrians crossing the crosswalk or intersection
- Always stop for a school patrol officer or crossing guard holding up a stop sign
- Take extra care to look out for children in school zones, near playgrounds and parks, and in all residential areas
- Don't honk or rev your engine to scare a pedestrian,



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even if you have the right of way

- Never pass a vehicle stopped for pedestrians
- Always use extreme caution to avoid striking pedestrians wherever they may be, no matter who has the right of way

Sharing the Road with School Buses

If you're driving behind a bus, allow a greater following distance than if you were driving behind a car. It will give you more time to stop once the yellow lights start flashing. It is illegal in all 50 states to pass a school bus that is stopped to load or unload children.

- Never pass a bus from behind – or from either direction if you're on an undivided road – if it is stopped to load or unload children
- If the yellow or red lights are flashing and the stop arm is extended, traffic must stop
- The area 10 feet around a school bus is the most dangerous for children; stop far enough back to allow them space to safely enter and exit the bus
- Be alert; children often are unpredictable, and they tend to ignore hazards and take risks

Sharing the Road with Bicyclists

On most roads, bicyclists have the same rights and

responsibilities as vehicles, but bikes can be hard to see. Children riding bikes create special problems for drivers because usually they are not able to properly determine traffic conditions. The most common cause of collision is a driver turning left in front of a bicyclist.

- When passing a bicyclist, proceed in the same direction slowly, and leave 3 feet between your car and the cyclist
- When turning left and a bicyclist is approaching in the opposite direction, wait for the rider to pass
- If you're turning right and a bicyclist is approaching from behind on the right, let the rider go through the intersection first, and always use your turn signals
- Watch for bike riders turning in front of you without looking or signaling; children especially have a tendency to do this
- Be extra vigilant in school zones and residential neighborhoods
- Watch for bikes coming from driveways or behind parked cars
- Check side mirrors before opening your door

By exercising a little extra care and caution, drivers and pedestrians can co-exist safely in school zones.



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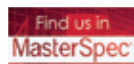
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