

Ransomware? Bad news, it's getting worse

I first warned you about the **dangers of ransomware** in early 2015, and its increased use was one of my cybersecurity predictions for 2016.

Unfortunately, that prediction has come true, and my motto of, "Things aren't as bad as you think — they are far worse," has proven accurate. In fact, the FBI has recently warned that ransomware attacks against hospitals, schools, government agencies, police departments, businesses and individuals are dramatically increasing.

Ransomware is a type of malware that once installed on your computer locks and encrypts files. The cybercriminals who send it to you then threaten to destroy your files unless you pay a ransom, generally in untraceable bitcoins.

Phishing or its more sophisticated version, "spear phishing," is often used to spread the malware. Emails lure the victim to click on a link, which downloads the ransomware. Spear phishing targets specific victims by personalizing an email to make it appear especially legitimate.

Cybercriminals can do this by gathering information from various sources including social media accounts. By putting too much personal information on social media, we often become our own worst enemy.

Ransomware is also spread through malvertising, which is apparently legitimate advertising, and on bona fide websites. But click on it, and you've downloaded the malware.

Yet another way cybercriminals strike is by infecting legitimate websites such that merely going to the site without clicking on anything is sufficient to infect your computer. A newer version of ransomware called CryptXXX is being spread in this manner and was used to infect the website of American toy maker Maisto. Fortunately, there is a free decryption tool for this particular type of ransomware, available from **Kaspersky Lab**.

Often the websites are infected through attacking vulnerabilities that exist in plug-ins such as Adobe Flash. As long ago as 2010, Steve Jobs complained about this vulnerability. Despite security patch after security patch, new problems kept coming up with this software. It would appear that just as companies retire certain programs when it is just too difficult to continue to patch them (as with Windows XP), this may well be the time for Adobe to retire Flash. And if the company doesn't do this, you should consider retiring it yourself and replacing it with another plug-in that performs the same function.

One of cybercrooks' newer methods is deploying ransomware against smartphones. While this tactic is less common, it is only a matter of time before the myriad of devices that make up the Internet of Things could be subject to such attacks. Just imagine the dangers of Internet-connected medical devices such as pacemakers and insulin pumps being compromised.

Rarely is paying the ransom a good option, although in a controversial statement at a Cyber Security summit in 2015, FBI Assistant Special Agent Joseph Bonavolonta indicated that sometimes the FBI advises victims to pay up. The FBI, as would be expected, has since backed off of this statement.

New versions of ransomware are constantly being developed by cybercriminals who often — rather than merely using the malware themselves — will sell it on a part of the Internet referred to as the Dark Web, where less technically sophisticated criminals buy and sell malware as well as stolen information, such as credit card numbers.

Article written by Steve Weisman,
Special for USA TODAY – May 2016.



Oberlin Golf Club

Oberlin Golf Club was founded in 1899, making it the oldest Golf Club in Lorain County and one of the oldest in Ohio. Oberlin Golf Club is just a Golf Club. That helps us keep our dues and fees the lowest in the area for a completely private golf club. Our membership ranges from doctors to lawyers and executives to sales people. Oberlin Golf Club is truly a hidden treasure in Lorain County. The condition of the course is second to none in the area.

In 2012 OGC started a new banking relationship with Buckeye Community Bank after many years dealing with larger corporate financial institutions. We could not be happier with our association with Buckeye Bank. Buckeye has been extremely helpful, service oriented and has worked closely with us. We are not treated as just another account.



Buckeye treats us as a friend and business partner. We look forward to a long future with Buckeye.

The Morning Cup



The man who damns money has obtained it dishonorably; the man who respects it has earned it.

-Ayn Rand, Atlas Shrugged

lifeSaver

A couple sitting outside enjoying a picnic.

On a beautiful summer day, it can be fun to have a picnic outside at the park, on the beach, or even in your own backyard. You do what you can to keep away ants and other bugs, but what about other unwanted guests like Salmonella or Listeria? Use this checklist to make sure your perfect picnic is food safe. In the Kitchen...

- Wash hands, work area, and all utensils before, during, and after preparing food.
- Marinate food in the refrigerator.
- Do NOT thaw frozen items at room temperature.

Planning the Menu...

Plan to take only the amounts of food you'll use. Most foods are safe for short periods when stored with ice or frozen gel packs in a proper cooler. Creamy or custard foods and salads using store-bought mayonnaise are safe, if kept cold in a cooler. No partial or precooking ahead of time, cook completely at the picnic site. No cooler? Not a problem. Plan your menu using the following items:

- Fruits
- Vegetables
- Hard cheese
- Canned/dried meats or fish
- Dry cereal
- Bread
- Peanut Butter
- Crackers

-Kristina Beough, MPH, Food Safety Education Staff, Food Safety and Inspection Service, USDA

A letter from the President



Within the coming quarter, Buckeye Community Bank will be the only remaining locally owned shareholder bank from Cleveland to Sandusky. At our April shareholder meeting we shared the attached migration/consolidation of financial institutions within Lorain County. The bank's performance has allowed us to earn the right to remain as we have indicated: "locally owned...here to stay". We continually have to earn that right. Through our client's support and the commitment of the Board, management and staff our first half's performance reflect our value proposition.

the first six months while the book value increased to \$14.41 from \$13.21 or 9.1% for the same time period.

The Board and management firmly believe that if you focus on the best interests of your clients and the staff that supports and services the client base that the "numbers will follow". We remain committed to listening and following through to exceed our clients' expectations. In this correspondence the Oberlin Golf Club's long term success has been in satisfying their member's expectations through listening and responding to the members. We are honored that an organization founded in 1899 has chosen Buckeye Community Bank. Our bank strives to have a similar culture of listening and being client focused. Our longevity will depend on our commitment to be client focused. We do not intend to be another name on the list of banks that no longer serves our market place.

Sincerely,
Bruce E. Stevens
President & CEO

Buckeye First Mate



Patty Cole joined the Buckeye Community Bank operations team in 2012 as an operations specialist. She brought with her over 35 years of banking experience in all aspects of bank operations and has since proven to be a great asset to the bank. Patty recently became the bank's Certified Synergy Specialist and iPay conversion coordinator helping to position the bank as a stronger competitor in the technology arena of the banking industry. Patty lives in LaGrange and has been a lifetime Lorain County resident. She shares her life with her significant other, Dale and has three wonderful grandchildren. In her spare time she is on a bowling league, loves to play the slot machines, and her and Dale ride around on their Harley. Patty is one of the most upbeat and positive employees at Buckeye Bank and we are all so appreciative of her and her hard work.

BCB Share The Spirit

On May 14th, several Buckeye Bank employees and their family members volunteered their personal time to assist with the annual beach cleanup at Lakeview Park. This local neighborhood park is operated by the Lorain County Metro Parks and is important to our local community, offering the Historical Rose Garden, spectacular sunsets, views of the Lorain Lighthouse and hosting a variety of recreational opportunities for visitors of all ages in and around our local communities. Many people come to swim, sunbathe, play lawn bowling and beach volleyball, have family picnics, and so much more. This is an important part of our local community and we are very proud of our employees for showing up in the extremely cold temperatures and rain to help keep the park clean and beautiful. Buckeye Bank cares about its local community and continues to help out when possible.



BillPay-e and OneClick Bill Payment Service



Why it pays to check into BillPay-e from Buckeye Community Bank for your business.

BillPay-e was designed to streamline the back office functions of small businesses. Here are some of the ways it can give you increased control, greater flexibility and more time to spend on your business:

- Pay your business' bills online anytime, anywhere
- Delegate payment tasks and set permission controls so you decide who makes payments, what payments are made, and the maximum payment amount
- Run audit reports and customize them for the payment information you need
- Track your company spending and payment history in just a few clicks
- Greatly reduce your paperwork and minimize manual record keeping
- BillPay-e has an eBill feature to conveniently view your bills online anytime in one location
- eBill provides more control because you schedule your payments and the amount you pay
- eBill provides more security without the risk of identity theft from paper bills sent through the mail
- eBill saves you money on postage, envelopes, checks and late fees. If you just pay 10 bills per month, you can easily save over \$110.00* per year.

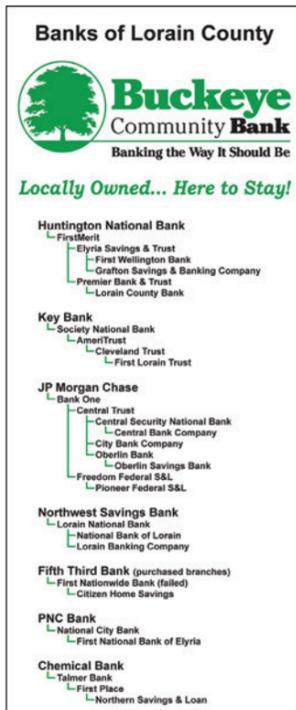
Introducing OneClick from Buckeye Community Bank. Your personal bill payment solution.

OneClick was designed to provide you a simpler and more convenient way to pay your bills. There is a payments dashboard that allows you to quickly see what bills need your attention.

- Set up one-time payments or recurring payments
- OneClick has an eBill option to consolidate all your bills into one place for quick viewing and paying
- eBill provides more control because you schedule your payments and the amount you pay
- eBill provides more security without the risk of identity theft from paper bills sent through the mail
- P2P payments are available using either an email address for the receiver or their account information or lastly you could select the check option
- Convenience payments are available for a fee

*Savings are approximate and based upon the average annual cost of stamps, envelopes and checks required for paying 10 bills per month.

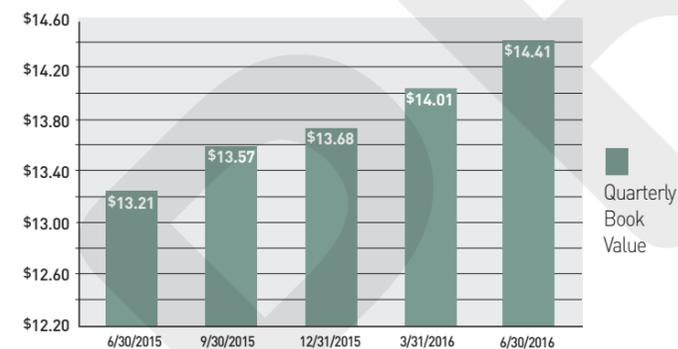
To enroll, simply stop by our office or call us at 440.233.8800 or 877.805.BANK (2265). Or, log into your NetTeller online banking account at www.buckeyebank.com and select the "Bill Pay" tab to access the enrollment form.



Compared to the same period in 2015 some key highlights are: (1) 19.6% increase in topline income, with interest income increasing to \$3,345M from \$2,939M. (2) 8.5% increase in net income to \$698M from \$644M. (3) 10% increase in capital to \$14,175M from \$12,889M. (4) Earnings per share increased to \$.71 from \$.66 or 7.6% for

Financial Position

Buckeye Bancshares, Inc. and its wholly owned subsidiary Buckeye Community Bank



Buckeye Community Bank stock may be available for sale in the near future. If you are interested, please contact **Bruce Stevens** at 440.233.8806 or bestevens@buckeyebank.com.

This is the increase in book value of Buckeye Bancshares, Inc. Due to the limited availability and inactive market of any community bank stocks, market values may differ. This is a reflection of past performance of Buckeye Bancshares, Inc. and should not be considered a projection of future performance. Funds held in corporate stock are not insured by the FDIC or any other government agency. Investments involve varying degrees of risk, including loss of principal.