

President's Note – From the Desk of by Michael G. Miller President
DAMA-Chicago, "[Ransomware, Data Breaches, and Data Governance](#)"

Footnotes and Bibliography:

[Footnotes](#)

- 1 NIST (National Institute of Standards and Technology): 'Cybersecurity Framework Profile for Ransomware Risk Management'** (Preliminary Draft NISTIR 8374),
Published: June 2021.
- 2 The Life Cycle of a Breached Database**
Brian Krebs, KrebsOnSecurity, July 29, 2021
- 3 DHS to issue first cybersecurity regulations for pipelines after Colonial Hack**
Ellen Nakashima and Lori Aratani, Washington Post, May 25, 2021, at 10:57 a.m. EDT
- 4 Ransomware Struck Another Pipeline Firm—and 70GB of Data Leaked,**
Andy Greenberg, Security WIRED, 06.07.2021 03:53 PM
- 5 Network outage disrupts care at Illinois medical group,**
Hannah Mitchell, Becker Hospital Review, Friday, July 16th, 2021
- 6 Opportunity from Crisis - Who Really Benefits from Post-Disaster Rebuilding Efforts**
John Mutter, Foreign Affairs, April 18, 2016.

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<https://www.cisa.gov/stopransomware>

CISA (Cybersecurity and Infrastructure Security Agency): Ransomware Guide – September 2020

[https://www.cisa.gov/sites/default/files/publications/CISA_MS-ISAC_Ransomware%20Guide_S508C .pdf](https://www.cisa.gov/sites/default/files/publications/CISA_MS-ISAC_Ransomware%20Guide_S508C.pdf)

Cybersecurity Framework Profile for Ransomware Risk Management

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<https://csrc.nist.gov/publications/detail/nistir/8374/draft>

Data breach at third-party provider exposes medical information of US healthcare patients - Multiple hospitals affected by the cyber incident.

Jessica Haworth, 06 July 2021 at 14:21 UTC Updated: 06 July 2021 at 14:58 UTC

<https://portswigger.net/daily-swig/data-breach-at-third-party-provider-exposes-medical-information-of-us-healthcare-patients>

DHS to issue first cybersecurity regulations for pipelines after Colonial Hack

Ellen Nakashima and Lori Aratani, Washington Post, May 25, 2021, at 10:57 a.m. EDT

<https://www.washingtonpost.com/business/2021/05/25/colonial-hack-pipeline-dhs-cybersecurity/>

DuPage Medical Group experiences network outage, delays

By FOX 32 Digital Staff Published July 14 Health Care FOX 32 Chicago

<https://www.fox32chicago.com/news/dupage-medical-group-experiences-network-outage-delays>

Financial Times: Ransomware attacks rise despite US call for clampdown on cybercriminals

Hannah Murphy in San Francisco, Patrick Mathurin, & Chris Campbell London, July 30, 2021, 12:47 pm

<https://amp.ft.com/content/c8c7630f-86f8-453f-a664-3fb5401bcb2a>

Known attacks have quadrupled in the pandemic but lax disclosure rules mean true figure may be far worse

Harvard Business Review: Could Ransomware Attacks Ultimately Benefit Consumers?

by Rahul Telang, August 02, 2021

<https://hbr.org/2021/08/could-ransomware-attacks-ultimately-benefit-consumers>

How Information Governance Can Stop Ransomware Attacks Dead in Their Tracks

Robert Smallwood, June 22, 2021

<https://infogovworld.com/infogov/how-information-governance-can-stop-ransomware-attacks-dead-in-their-tracks/>

Illinois medical group's computers, phone system restored after nearly a weeklong outage

Hannah Mitchell - Tuesday, July 20th, 2021

<https://www.beckershospitalreview.com/cybersecurity/illinois-medical-group-s-computers-phone-system-restored-after-nearly-a-weeklong-outage.html>

“The phones and computer systems are back online at Downers Grove, Ill.-based DuPage Medical Group after a nearly weeklong outage, according to a July 19 Chicago Tribune report....“...the vice president of communications for DuPage Medical Group, told Becker's the cause of the interruption is still under investigation.”

ITS In-Depth: Ransomware

Friday, July 30, 2021, By Eric Ferguson

<https://news.syr.edu/blog/2021/07/30/its-in-depth/>

Many ransomware attacks go unreported. The FBI and Congress want to change that.

By Gerrit De Vynck, Washington Post: July 27, 2021, at 7:32 p.m. EDT

<https://www.washingtonpost.com/technology/2021/07/27/fbi-congress-ransomware-laws/>

NBC News: Italian vaccination registration system down in apparent ransomware attack

Aug. 2, 2021, 8:15 PM EDT, By Kevin Collier

<https://www.nbcnews.com/news/amp/ncna1275757>

Residents of the Lazio region, which includes Rome, will not be able to book new appointments for several days, the region's president said.

NBC News: Can cyber insurance keep up with the growing number of ransomware attacks?

July 6, 2021, Video 03:34 length. ---- (*This video is very good.*)

<https://www.nbcnews.com/now/video/can-cyber-insurance-keep-up-with-the-growing-number-of-ransomware-attacks-116154437896>

Network outage disrupts care at Illinois medical group

Hannah Mitchell – Becker Hospital Review, Friday, July 16th, 2021

<https://www.beckershospitalreview.com/cybersecurity/network-outage-disrupts-care-at-illinois-medical-group.html>

“DuPage Medical Group is experiencing a network outage that has disrupted patient care and access to medical records, according to a July 15 Chicago Tribune report.

The medical group is the largest independent medical group in Illinois, with more than 750 primary care physicians across 100 locations. Annually, it handles 2 million patient visits, their website said.when Becker's asked if the outage was linked to a cyberattack, Ms. Lagger said the cause of the interruption is still under investigation.”

Opportunity From Crisis - Who Really Benefits from Post-Disaster Rebuilding Efforts

John Mutter, Foreign Affairs, April 18, 2016

<https://www.foreignaffairs.com/articles/2016-04-18/opportunity-crisis>

Preparing for a Cyber Incident – An Introductory Guide, A Guide to Ransomware, Contacting Law Enforcement, Reporting Cyber Incidents to the Federal Government, A Guide to e-Skimming, A Guide to Business Email Compromises, Anatomy of a Business Email Compromise

United States Secret Service

<https://www.secretservice.gov/investigation/Preparing-for-a-Cyber-Incident>

Ransomware Attacks: How to Defend Your Data

By George Williams, Dataversity, September 4, 2019

<https://www.dataversity.net/ransomware-attacks-how-to-defend-your-data/>

Ransomware Struck Another Pipeline Firm—and 70GB of Data Leaked,

Andy Greenberg, Security, WIRED, 06.07.2021 03:53 PM

LineStar Integrity Services was hacked around the same time as Colonial Pipeline, but radical transparency activists have brought the attack to light.

<https://www.wired.com/story/linestar-pipeline-ransomware-leak/>

Regulations against ransomware payment not ideal solution

By Eileen Yu, 'The Way' | August 3, 2021

<https://www.zdnet.com/article/regulations-against-ransomware-payment-not-ideal-solution/>

With ransomware attacks increasing, legislations have been mooted as a way to bar companies from paying up and further fueling such activities, but such policies can be difficult to enforce and may result in more dire consequences.

The growing threat of ransomware

Microsoft Corporate Blogs, Jul 20, 2021

<https://blogs.microsoft.com/on-the-issues/2021/07/20/the-growing-threat-of-ransomware/>

The Kaseya ransomware attack: A timeline

By Michael Hill UK Editor, CSO | AUG 3, 2021, 2:00 AM PDT

<https://www.csoonline.com/article/3626703/the-kaseya-ransomware-attack-a-timeline.html>

REvil's ransomware attack on software provider Kaseya underscored the threats to supply chains that ransomware groups pose. Here is an up-to-date timeline of the attack.

The Life Cycle of a Breached Database

Brian Krebs, KrebsonSecurity, July 29, 2021

<https://krebsonsecurity.com/about/>

These are the two most common ways hackers get inside your network

By Danny Palmer, ZDNet: Ransomware | Topic: Security, July 29, 2021 -- 11:16 GMT (04:16 PDT)

<https://www.zdnet.com/article/ransomware-these-are-the-two-most-common-ways-hackers-get-inside-your-network/>

USA TODAY: Ransomware: What to do if hit by an attack

MARC SALTZMAN | SPECIAL TO USA TODAY | 6:59 pm EDT July 25, 2021

<https://amp.usatoday.com/amp/8076023002>

Yes, Ransomware Attacks Are Increasing at An Alarming Rate

Zachary Comeau, August 3, 2021

<https://mytechdecisions.com/it-infrastructure/yes-ransomware-attacks-are-increasing-at-an-alarming-rate/>

Ransomware attacks have increased 151% over the first half of 2021, according to a new report from SonicWall.