

expected, it becomes a [key part of an upcoming Trump administration cybersecurity executive order](#).

Standards like the NIST Cybersecurity Framework could become even more common not just [across the U.S.](#) but also internationally: [Several dozen nations](#) are rolling out their own similar guidelines.

Pressure from the feds

Under the Obama administration, the Federal Trade Commission pushed firms to [improve their cybersecurity practices](#). In 2012, for example, the commission sued the [Wyndham Hotel Group](#) for storing data insecurely, enabling hackers to break in three times in two years and steal [more than 600,000 credit card numbers and more than US\\$10 million](#).

As a result of the suit, the [FTC ordered Wyndham](#) to create a comprehensive cybersecurity policy, get it approved by independent analysts and update it regularly. That order is in effect for 20 years. The ruling's power is still reverberating, in part because in 2015 it was [upheld in federal court](#) after Wyndham appealed.

It is too soon to tell how aggressive FTC cybersecurity and privacy [enforcement actions](#) will be under the Trump administration, though early signs are that they may [ease somewhat](#).

States up the ante

Beyond federal action, some states are pushing forward, boosting consumers' privacy and security. California and New York are among the leaders, particularly in regulating data protections and requiring that customers be notified when breaches happen.

In 2016, for instance, California [expanded](#) its definition of the term "[personal information](#)" to include bank card information and PIN codes, as well as medical records and other identity data. California law also now not only requires that firms take measures to protect data themselves, but also demands strict safeguards when companies share customer information with third parties.

Similarly, New York issued a [new regulation](#) calling for companies to regularly audit and [actively test](#) security measures, and set up [multi-factor authentication](#). Like the California law, [New York's new rule](#) could have broader effects because it applies not only to New York-based financial firms, but also to [companies they do business with](#).

Moving from reaction to action

Companies will need to move away from reactive, defensive approaches to cybersecurity and toward more actively managing risk. That includes a range of technological and administrative shifts, some with financial costs:

- Protecting administrative accounts and network routers with strong passwords, encryption, regular software updates and frequent checks to be sure no unauthorized devices or users connect to the network.
- Restricting remote access to systems such as by disabling file and printer sharing, as well as remote desktop controls when they're not needed.
- Scanning data storage for sensitive personal information, blocking or deleting any that is not actually necessary.
- Removing unneeded programs and files from computer storage, uninstalling and deleting them to prevent unauthorized access during a future attack.

But these policies are just the beginning. There is a push among [cybersecurity professionals](#) to go beyond existing formal requirements and get ahead of both attackers and regulators. This effort would seek not just to meet standards, but to exceed them. With ongoing, systemic cybersecurity risk management, companies can stay ahead of the curve, protecting their customers and society in the process.

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