

A Practical Guide to Compliance with Key Elements of the NYS DFS Cybersecurity Regulations 23 NYCRR Part 500

DEADLINE	REQUIREMENT	23 NYCRR REFERENCE	HOW ASSURED CAN HELP
Mar 1 2017	Law becomes effective, with transition period.	Section 500.21 and 500.22	Fully prepared NYS DFS Checkup™ , Cyber Health Essentials Checkup™ or TripleHelix™ and much more.
Aug 28 2017	180-day transition ends. Law in full effect except as provided below. NOTE: Notices of a breach to Superintendent within 72 hrs of discovery and defined third-party notice enforced.	Section 500.22	Data breach notification provisions apply. Prepared to assist with Breach Response Team. How can you find a breach today? AssuredScoutRWT™ and AssuredHawkDCM™ available for sophisticated networks.
Sep 27 2017	Last day to file Notice of Exemption.	Section 500.19(e) and Section 500.01(c) Form in Appendix B, page 14	Applies to micro-sized companies only. See definition of "Covered Entities." No cybersecurity engineering requirement.
Feb 15 2018	First annual filing: written statement of CISO or Virtual CISO regarding compliance submitted to Superintendent signed by Board Chair or Senior Officer.	Section 500.17(b) Appendix A, page 13	Assured's NYS DFS Checkup™ online offering tells you where you stand. Assured can provide Virtual CISO, services and guidance on how best to cost efficiently comply.
Mar 1 2018	CISO reports to board of directors on the Covered Entity's cybersecurity program and risks; policies and procedures in place. Penetration testing and vulnerability assessments. Risk assessment.	Section 500.04(b) Section 500.05 Section 500.09	Assured supports all reports and provides virtual CISO services. Pen testing and AssuredScanDKV® provide full compliance. DKV is the only deep software scanner on the market. It helps you eliminate some 80% of the known software vulnerabilities on your network; makes bi-annual vulnerability assessments easy and effective. NYS DFS Checkup™ to see where you stand. Cyber Health Essentials Checkup™ —a complete assessment online for mid-sized clients. TripleHelix™ is the most comprehensive cyber risk assessment on the market. It allows add-on of other required regulatory/compliance reports. Includes a CyberScore® —the most refined benchmarking/measurement tool for cyber risk insurance currently available.
	Multi-factor authentication.	Section 500.12	Reports, roadmaps and Regulatory Compliance Dossier included. Most comprehensive compliance with NYS DFS available in the Dossier. Assured provides both off-the-shelf third party solutions or Assured's own solutions. You decide what works for you.
	Cybersecurity awareness training.	Section 500.14(b)	Assured provides compliant training program.
Sep 3 2018	Audit trail compliance. Application security. Data retention-limitation/policies and procedures. Risk-based policies, procedures and controls. Encryption of non-public information.	Section 500.06 Section 500.08 Section 500.13 Section 500.14(a) Section 500.15	Part of optional program offering included in Virtual CISO services. AssuredScanDKV® may be used in combination with other products. With Virtual CISO services, Assured provides a complete managed solution. Part of optional program offering included in Virtual CISO services. Provided by TripleHelix™ . Available as an option for all clients. Assured has state-of-the-art encryption, if needed. Encryption without key management creates its own problems. Assured's DECENT™ encryption key management system solves any key management issues.
Feb 15 2019	Second annual filing of written statement. RE: Compliance submitted to Superintendent, signed by Board Chair or Senior Officer.	Section 500.17(b)	Included in Virtual CISO Package. Assisted by NYS DFS Checkup™ 2019 Edition .
Mar 1 2019	CISO reports due. Transition period ends.	Section 500.04(b)	With a sound compliance regimen firmly in place, it is time to reduce risk and begin to sleep at night.

ASSURED ENTERPRISES INC

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MORE INFO

Assured Enterprises' Solutions

CYBERSECURITY SOLUTIONS

TripleHelix™ Framework

TripleHelix™ is the most comprehensive risk assessment system available. It gives organizations the capability to quantify, measure and benchmark their cybersecurity programs' progress.

Deliverables of a TripleHelix™ assessment:

- ▶ **Roadmap** recognizing the attributes of a sound cybersecurity system in place and recommendations for improvement;
- ▶ **CyberScore®** distills Assured's comprehensive analysis into one easy to understand number akin to a credit score; and
- ▶ **Regulatory Compliance Dossier** populated with virtually any regulatory compliance cyber report required—from NYS DFS, HIPAA to PCI to FFIEC, FISMA, GDPR and more. The Dossier eliminates the need to conduct multiple assessments to address multiple compliance requirements.



NYS DFS Checkup™

Whereas the full TripleHelix™ Framework is the solution for complex networks and large-scale companies, **NYS DFS Checkup™** is a version of TripleHelix™ specifically designed for small or medium-sized companies. Through an online portal, **NYS DFS Checkup™** tells you where you stand in your compliance quickly and efficiently and at an affordable cost.

AssuredScanDKV® Deep Software Scanner

As part of a TripleHelix™ assessment, we employ **AssuredScanDKV®** to **Detect Known Vulnerabilities** in software and to provide remediation information. **AssuredScanDKV®** automatically scans libraries, DLLs and executables for known vulnerabilities. It also unpacks these software elements to review the binaries. **AssuredScanDKV®** is a critical tool for satisfying NYS DFS biennial assessments.

DECENT™

Using blockchain technology and a patent pending invention, Assured has built a **lightweight, highly effective key management system** that allows for higher levels of encryption, yet legally warranted access to **ONLY** the device in question to support law enforcement activities.

The problem encountered by the FBI and Apple in 2016 has been resolved—and both privacy rights and law enforcement needs win.

Data Breach Detection, System Management Tools & Vulnerability System Management Tools

AssuredScoutRWT™, **AssuredHawkDCM™** and **AssuredMaestroCIS™**

BIOMETRIC SOLUTIONS

Through a strategic partnership with Qafis Biometrics Technology, Assured now offers **digital identity authentication** and a comprehensive suite of biometric products (physical and behavioral) along with our state-of-the-art cybersecurity solutions.