WAVESTONE

CYBERSECURITY
7 STEPS TO STRENGTHEN DATA PROTECTION

The monetary and reputational risks of data breaches are high. Protecting critical business information is essential – and challenging.

Here are 7 expert-recommended steps you can take to fully secure your sensitive data today.

01. LIMIT THE EXPOSURE OF DATA

/ Give access to data on a need-to-use basis

/ Require authorized permissions to access specific data

/ Harden the security of communication and collaboration platforms, and the endpoints

02. DEFINE A CLASSIFICATION POLICY

/ Include classification levels and how associated data should be handled

/ Classify unstructured, semi-structured, and structured data for better data management, protection, and processing

03. MAP DATA TO CLASSIFICATION LEVELS

/ Have a clear idea of the routes sensitive data moves through in the enterprise network, covering processing, transmission, and storage

04. IMPLEMENT A PROTECTION AND TAGGING TOOL

/ Implement the appropriate protection and tagging (classification) tool based on security needs

/ At this stage, you may apply labels, tag data types, and add additional context to improve the automation of data management and data security

05. IDENTIFY POTENTIAL DATA LEAKAGE VECTORS

/ Understand where associated data is stored, its format, and how it is used throughout the organization

06. IMPLEMENT DLP (DATA LOSS PREVENTION) TOOLS

/ Analyze, select, and implement the appropriate DLP solutions on the perimeters identified

/ Define alerts management processes

07. FINE-TUNE THE DLP RULES (CONTINUOUS IMPROVEMENT) TOOLS

/ Monitor and adjust the DLP rules based on user behavior analyses, user experiences, and log analyses

/ Define rules management processes

Looking to upgrade your data protection initiatives?

Wavestone's international team of data security experts can help...

LET'S TALK

Email keithmworfolk@wavestone.com or call (610) 854-2700

About Wavestone

Wavestone is a global management and IT consulting firm that has supported the transformations of hundreds of enterprise-sized companies across a wide range of industries. Our expert advisory teams leverage a strong peer-to-peer culture and provide a practitioner's perspective on IT strategy, cost optimization, operational improvements, cybersecurity, and business management. It is our mission to help business and IT leaders successfully deliver their most critical transformations and achieve positive outcomes. We drive change for growth, productivity, cost efficiency, and risk mitigation. Together we create the trust that gives people the desire to act.