TOREON

Information Protection: Data Classification & Labelling

YOUR COACH IN DIGITAL SECURITY

Microsoft
Gold Partner

About our offering

START WITH DATA CLASSIFICATION TO SETUP AND MAINTAIN YOUR INFORMATION PROTECTION AND COMPLIANCE

Data Classification: the first step in your Data security journey

Data is the new oil. Every organization holds data which it transforms into valuable information. Reliable information is what we need to get ahead in the world. It is an important asset which needs to be protected. It is the focal point of security in a Zero Trust environment.

In the end, data is where security should be applied!

Just like with every asset, we need to know first what data you hold, how it is used, how valuable it is for your business. And following this, how strongly it should be protected.

Data classification is the first step. We focus on unstructured data, such as emails, documents and spreadsheets. Our security experts help you to get a clear picture of the data in use in your organization and help to classify it in useful security levels.

For every level, we create rules for how data is created, shared, kept and destroyed. We make sure those rules are applied in the Microsoft M365 and Azure environments, making security 'stick'. This way, data can reside anywhere while maintaining its level of security and compliance.

We set up Microsoft Information Protection, so users can label documents and emails. By labelling, your users can indicate how delicate their data is and how it should be treated.

We also help to automatically label your data stores.

Zero Trust

DIGITAL TRANSFORMATION IS DRIVING BIG CHANGE FOR YOUR BUSINESS. WITH BIG CHANGE, COME BIG CHALLENGES.

Organizations are implementing a cloud-first strategy to support their digital transformation moving business processes to the cloud.

In this new cloud setup, it's no longer possible to build a moat around a castle, or a firewall around a network.

In today's client-first, cloud-first world, the internet is the primary network.

People need access to applications, data and services anywhere.
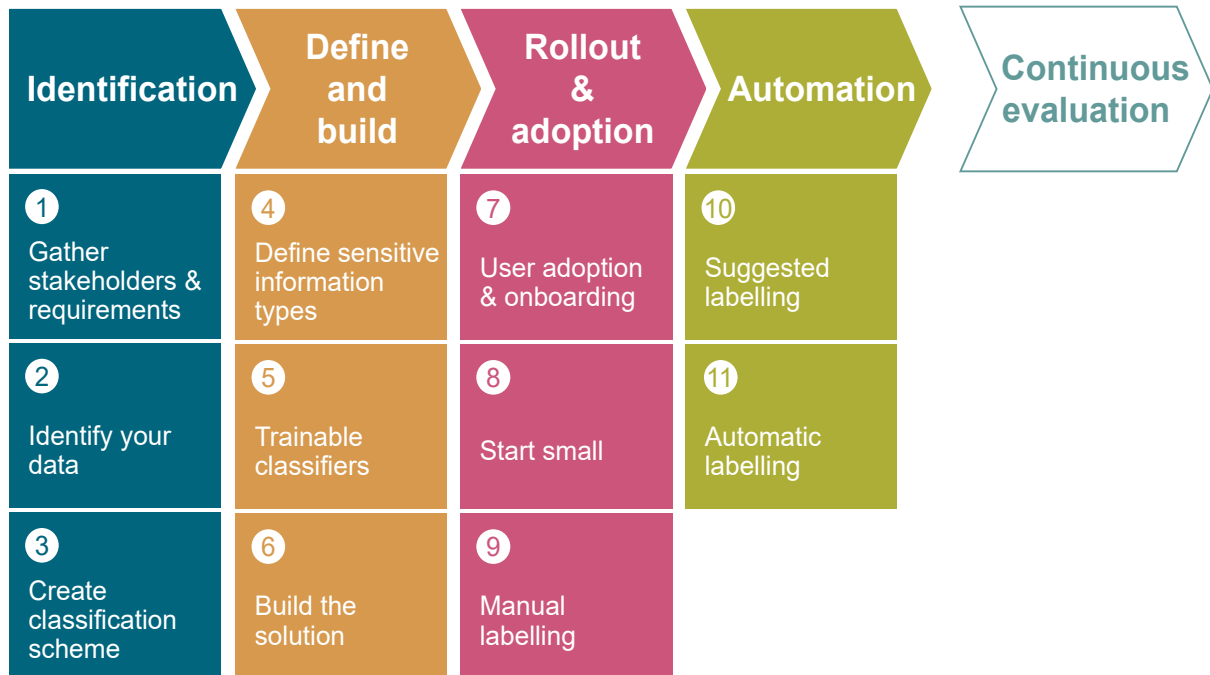
That requires a new security approach.

In Zero Trust, your identity is the cornerstone of security. We first make sure this is solid.

Since data is your most precious asset, that's where our security efforts are focused.

Microsoft
Gold Partner

Your data classification journey

Identification	Define and build	Rollout & adoption	Automation	Continuous evaluation
1 Gather stakeholders & requirements	**4** Define sensitive information types	**7** User adoption & onboarding	**10** Suggested labelling	
2 Identify your data	**5** Trainable classifiers	**8** Start small	**11** Automatic labelling	
3 Create classification scheme	**6** Build the solution	**9** Manual labelling		

OUR 5 PHASES TOWARDS DATA CLASSIFICATION:

◆ **Phase one:**

During identification, we get the lay of the land. We investigate what the business needs and check what data actually resides on your M365 tenant – and other places. Analyzing the data leads to a joint effort in creating a data classification plan that truly represents the business' data profile.

◆ **Phase two:**

From our data classification scheme, we derive sensitive data types to define in the M365 environment. We use AI on your tenant to help us detect new data types. We then completely set up the Microsoft Information Protection environment. This means ready-to-use protections such as encryption and other measures make security 'stick' to the data.

◆ **Phase three:**

Once the configuration is done, the rollout can begin with a small pilot group. We then gradually expand the install base to enroll all users. We focus on manual labelling: the users set the classification of their documents themselves. This enriches the environment and teaches the system how it should classify data.

◆ **Phases four & five:**

Once a sizeable dataset has been classified, we start automating. We use suggested labelling to guide the users when they treat data that the system has seen before. And we can automate labelling, by letting the system itself decide classification levels of large datasets.

Finally, continuous evaluation is needed, before and after the rollout. We offer a service for monitoring data breaches and compliance issues. We make sure that these events are logged, analyzed and acted upon. We allow business needs to evolve and adjust the data model. We also enroll new technology as it comes out.

◆ **The next steps:**

We use data classification as a foundational technology to roll out tougher security measures, such as:

- data loss prevention, stopping important information from leaving your organization

- Microsoft defender for cloud apps, enrolling other cloud technologies to follow and enforce our data protection measures

Data classification can eventually lead to mature data governance, controlling the full lifecycle of data in your organization.

CHECK OUT OUR AREAS OF EXPERTISE:

GOVERNANCE, RISK & COMPLIANCE (GRC)

True experts in identifying risk, our GRC consultants will install the correct controls and mitigate threats. Together with your team, they establish security policies that conform with all relevant rules and regulations and align with your risk tolerance. If you require proof that cybersecurity is built into your governance and operations, we will facilitate your becoming ISO27001 certified.

SECURITY ARCHITECTURE

We improve your security maturity by making your IT processes more secure. We detect risk in IT and make the right & secure choices in technology. Our security architects are cloud security architects.
Our vision is one of Zero-Trust so our approach is future proof.

SECURE DEVELOPMENT

We support builders of digital solutions, who want to get a better grip on their cybersecurity and raise their security standards. In essence,
we coach and train development team to develop more securely.
Our offering consists of assessing your product in development, the creation of secure development processes and maintaining secure & compliant development infrastructure.

ICS/IOT SECURITY ARCHITECTURE

Our ICS security consultants perform OT security assessments and assist customers in establishing or extending their OT security program. This includes setting up zoning concepts, creating network and system designs, providing awareness sessions and creating policy documents.

ETHICAL HACKING

Our ethical hackers are trained experts who validate the security of your infrastructure and applications from a malicious hacker's point of view.
They have learned how to think like 'black hat' hackers and know the tools and techniques they are likely to use.

CLOUD SECURITY

We are a Microsoft Security Gold partner that can support you on your cloud security journey. Our services are based on a Zero-Trust strategy. We help you to get a better view of your security posture.

Our Security Architects and GRC experts are certified in M365 and Azure Security. They make sure your security policy is fully translated in your cloud deployment.

Your partner for Microsoft cloud security & compliance

Toreon is an independent provider of security expertise. We have a long tradition of providing strategic advice in information security. We align security to the business needs and create a policy that is truly adapted to the organization. We are the only Microsoft Gold partner to take this approach. Where others know how to toggle security features, we set and activate security policy and achieve compliance.

We activate your security policy in the M365 & Azure environments. This creates impact and makes security a driver of change in your organization.

Finally, our Information Security Operating Center keeps an eye on compliance in your cloud environment. This way we make sure your security policy is respected.

Security is a journey, not a project and we can guide you along the way.

Toreon BV
Grotehondstraat 44 1/1
2018 Antwerpen
Belgium

+32 33 69 33 96
info@toreon.com
www.toreon.com