

GDPR Services

The European Union's General Data Protection Regulation (GDPR) has a significant impact on companies that collect and process data from individuals within the EU's 28-member countries. The ultimate goal of the regulation is to protect and secure EU resident data regardless of where the data was collected or resides, and harsh fines can be levied against organizations who are non-compliant.

HOW CAN CRYP SIS HELP YOUR ORGANIZATION?

The Crypsis Group offers three distinct levels of service that can be tailored to meet the needs of any enterprise looking to prepare for GDPR and maintain compliance.

GDPR Gap Assessment

As part of The Crypsis Group's structured GDPR Gap Assessment, our consultants complete a review of all existing data processes in the areas of the organization impacted by the regulation. The nine areas identified below are mapped to the applicable GDPR articles.

- ➔ Awareness
- ➔ Data Governance
- ➔ Policies and Procedures
- ➔ Data Subject Management
- ➔ Third Party Vendor Management
- ➔ Data Risk Management
- ➔ Data Security Management
- ➔ Incident Management
- ➔ Compliance

The Final Assessment Report identifies gaps and provides detailed recommendations to address and remediate deficiencies. Our consultants will also appraise the maturity of your governance framework and evaluate the existing architecture and data life cycles. Finally, we provide a review of the organization's existing Policies and Procedures and conduct on-site interviews of key stakeholders, third-parties, and vendors.

GDPR Full Assessment

Data Discovery and Mapping

Crypsis consultants will develop and implement a data discovery process to identify all data sources and flows regardless of sensitivity. This discovery process establishes the actions needed to bring the company's data gathering and protection into compliance with the GDPR and will examine data subject (individual) rights, organizational scope, and data attributes



GDPR Services

The Crypsis Group offers three distinct services that can be tailored to the needs of your organization:

- ➔ **GDPR Gap Assessment**
Offers a complete review of your data processes and provides areas for remediation along with a road map to compliance.
- ➔ **GDPR Full Assessment**
Includes the gap assessment, along with data discovery, data mapping, and the development of a DPIA.
- ➔ **DPO Advisory Service**
Provides on-going advisory services to ensure continued adherence to GDPR standards.

Upon completion of the data discovery, we will map all data flows for your organization. Data mapping will be completed for each relevant department and will identify all data flows within the organization, as well as data flows to external parties such as vendors and customers.

Each Data Flow Diagram (DFD) will be mapped to privacy threats based on Crypsis's Privacy Threat Model. We will identify and prioritize the threat scenarios for each DFD and recommend process and technical mitigation steps which can be translated into privacy requirements.

GDPR GAP Assessment

At the conclusion of the data discovery and mapping phase, our team will conduct a Gap Assessment to identify areas of non-compliance and provide remediation steps to address these deficiencies.

Data Protection Impact Assessment (DPIA)

The GDPR requires organizations to conduct a Data Protection Impact Assessment (DPIA) (Article 35) on identified and relevant information systems and based on identified data flows. The EU Working Party 248 defines the Data Protection Impact Assessment as "...a process designed to describe the processing, assess the necessity and proportionality of a processing and to help manage the risks to the rights and freedoms of natural persons resulting from the processing of personal data."

The DPIA will calculate the impact on each system based on the identified gaps, recommend process and technical mitigation steps, and transfer mitigation strategies into privacy requirements. Where applicable the DPIA will also recommend Privacy Enhancement Technologies or Solutions (PET/S).

The DPIA consists of the following steps:

- ➔ Establish the need for a DPIA
- ➔ Detail and describe the information flow (data information flow must be completed prior to DPIA)
- ➔ Identify and detail privacy and associated risks
- ➔ Identify and detail privacy solutions
- ➔ Sign off and record DPIA outcomes
- ➔ Integrate the DPIA into existing operational processes

DPO Advisory Service

The Crypsis Group will advise your Data Protection Officer (DPO) in an on-going capacity to assure your organization's compliance with GDPR and relevant data protection laws. We can provide oversight to your organization's adherence to GDPR standards and aide in the creation of policies to ensure on-going compliance. We will also work with your DPO and team to develop and deliver training to increase awareness and understanding of relevant data protection measures.

WHY CRYPSIS

Members of the Crypsis team have conducted risk assessments, led security functions, and performed security audits for global companies across a wide swath of industries. We have particular expertise in working with clients to prepare them for compliance with the GDPR and are well-versed in the requirements of the regulation.

Contact Us to Learn More About The Crypsis Group

703.570.4103 | info@crypsisgroup.com

The Crypsis Group is a cybersecurity advisory firm focused on supporting our clients as a trusted advisor before, during, and after security incidents. The combination of our deep security knowledge, digital forensics expertise, and experience as expert witnesses for criminal and civil matters allows us to support our clients through every stage of an incident. Our team's experience spans security monitoring within the Intelligence Community and advising at the national security level to performing high profile data breach investigations and leading remediation efforts.