

# Umbraco Cloud - EU Data Protection Directive

The [Data Protection Directive](#) is a European Union directive, which concerns protection of individuals during the processing of personal data, and free movement of that data within the EU. Umbraco Cloud operates within this Directive and this paper outlines what it is and how it applies to Umbraco. Data compliancy is most commonly important for Government or Municipality clients.

## What is it?

At Umbraco we endeavour to apply best practice in all that we do, and are transparent with legislations regarding the collection, storage and security of personal data. The Data Protection Directive was created in order to unify data protection legislation across member states to allow the free flow of data within the EU. The Directive regulates any processing of personal data whether it be an automated or manual process. Personal data may only be transferred to countries outside the EU if that country provides an adequate level of protection.

[Read the Data Protection Directive.](#)

*Please note; from May 25, 2018, the Directive will be replaced by the [General Data Protection Regulation](#), upon which this page will be updated with any relevant changes and adaptations.*

## How does this apply to Umbraco Cloud?

Umbraco Cloud data resides wholly within a Microsoft Azure Europe region and inherits the policies and protections afforded by this residency. Umbraco Cloud data is stored using the [Azure LRS policy](#) (Locally Redundant Storage) which means every request made against data in your storage account is replicated three times with the region. The three replicas are spread across domains to ensure that data is available even if hardware failure impacts a single rack and when nodes are upgraded during a rollout. You can read more about Azure Locally Redundant Storage [here](#).

## What does this mean for our North American customers?

While there is no direct relation between the EU Data Protection Directive and the data protection regulations in the United States, the US data protection laws generally do not apply to data which resides solely in the EU region. This implies that a US-person is assigned the data protection rights as afforded by the EU Data Protection Directive for data that resides in the EU region. Once that data also resides in a US-region (as when it has been downloaded) the US data protection laws are applicable. For more information on how the US laws may apply to data please see [this document](#).

In a similar fashion, the EU Data Protection Directive is not directly related to the Canadian Personal Information Protection laws. However, the Canadian PIPEDA laws generally do not apply to data which resides solely in the EU region. For more information on the PIPEDA laws please refer to [these documents](#).

## Why is this important to Umbraco Cloud?

By utilizing Azure data storage, and having no other 3rd-party storage location, Umbraco Cloud can offer a trustworthy data protection policy as maintained and monitored by Microsoft, the Umbraco Cloud host. As an Umbraco Cloud user, you are able to offer your customers a high-degree of assurance that any data contained and used by Umbraco Cloud will be consistent with the EU Data Protection Directive.