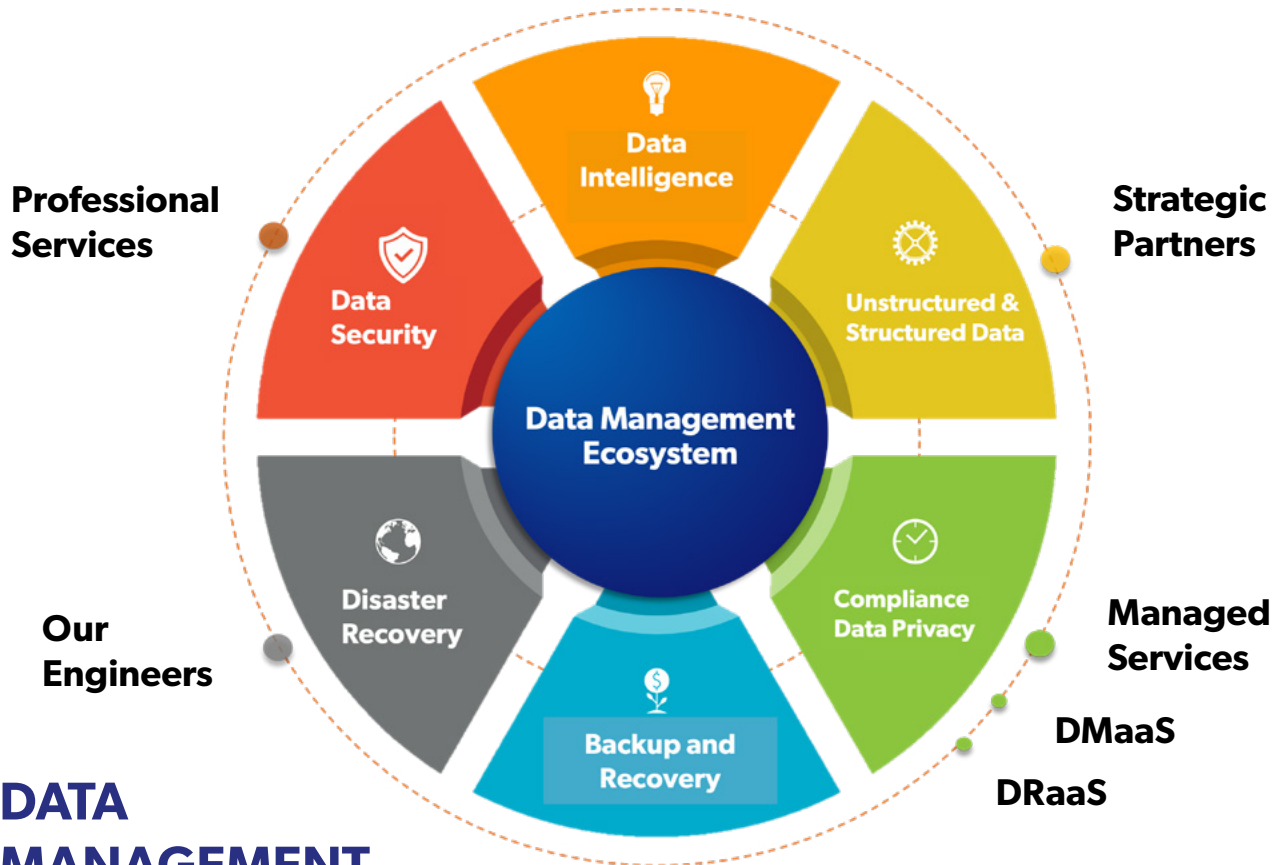


# Maximizing the Security, Availability & Value of Critical Data Assets



**Data Management** remains a struggle for many organizations. Vast amounts of data are stored in functional and technological silos, making analysis difficult. Sensitive data often resides in more than a dozen places, hampering visibility and creating security and regulatory compliance risks. Data protection does not meet business requirements for availability and resilience.

Technologent has developed a six-prong framework for helping organizations develop a data management strategy. Instead of addressing data protection, security, compliance and privacy as distinct disciplines, it fosters a holistic approach that reduces risk and drives better business outcomes. It also encourages business and IT leaders and legal teams to join in a unified effort to utilize data to gain new insights.



## DATA MANAGEMENT FRAMEWORK

# Data Management Solutions

## Data Security

Security underpins the data management framework. Without strong security, organizations cannot protect data from unauthorized access, tampering or corruption. At the same time, security should ensure that authorized users have ready access to the data they need.

Technologent helps organizations bolster data confidentiality, integrity and availability through a layered security approach. The Technologent team conducts comprehensive security assessments to identify gaps that could expose data to internal and external threats. Based upon the findings, our experts can develop a roadmap for closing those gaps and reducing risk.

## Data Compliance

Thousands of government and industry regulations apply to organizations today, many with explicit requirements for the protection and management of personally identifiable information. In many cases, organizations must comply with multiple regulations with distinct yet overlapping requirements.

Given today's regulatory complexity, organizations need an integrated approach to the collection, use, storage and management of sensitive data. Technologent can assess existing compliance practices and assist in the implementation of cloud-based tools that enable a consistent, policy-based approach across the extended enterprise.

## Data Protection

Exponential data growth and the distributed nature of today's enterprise make data protection more challenging than ever. Many organizations have legacy backup solutions that support specific workloads and require hands-on administration.

The Technologent team helps organizations design and implement an enterprise backup solution that encompasses all data repositories and meets today's business requirements. We can provide continuous data protection and immutable backups that protect against ransomware attacks. We can also develop a long-term retention strategy that moves older data to archive based upon policies, reducing storage requirements and the backup window.

## Data Privacy

Although data privacy is an element of security and regulatory compliance, it's also an important part of the customer experience. Consumers expect their data to be protected, and any breach of confidentiality can cause customer churn.

Technologent can help organizations fine-tune their data collection practices so that they only store data needed for business operations. We also offer tools that anonymize data by masking, modifying or removing identifiers associating stored data to a specific individual. This helps ensure that sensitive data is protected and the organization complies with increasingly stringent privacy requirements.

# Data Management Solutions

## Data Classification

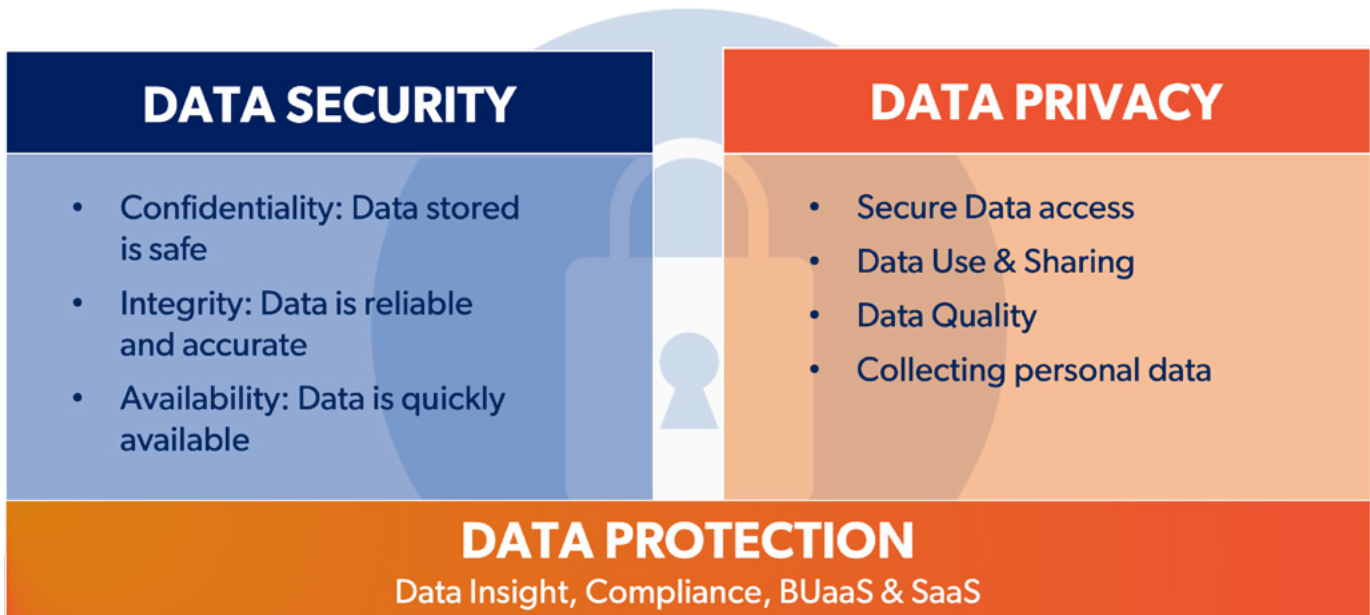
To be managed effectively, data should be classified based upon key characteristics such as type, sensitivity and value. Data can be stored in a way that makes it easy to locate and retrieve, and policies established for access, sharing and retention. As such, data classification plays a key role in regulatory compliance, legal discovery and risk management.

The Technologent team can complete an unstructured data assessment, using discovery tools to locate files, identify their characteristics and determine access requirements. This provides the basis for a classification system and the use of technology tools to tag and organize data.

## Data Insight

In many cases, organizations don't know what data they have or where it's stored — much less how to manage it effectively. Steps for improving data insight include identifying stale data and implementing storage tiering.

Technologent helps organizations audit repositories to identify inactive data that inflates storage costs and increases security risks, and use analytics to monitor storage and gain real-time details about data. We can then help optimize storage by moving less-valuable data to cheaper storage media, and move data to more modern systems or cloud platforms to improve performance and resilience.



“ Business Leaders, IT and Legal are now encouraged to come together. ”