

# BMC Solutions for the Challenges of GDPR

Simplify GDPR compliance across your on-premises and multi-cloud environments

## GDPR REQUIREMENTS

The European Union's General Data Protection Regulation (GDPR), which will be in full force beginning May 25, 2018, is destined to reshape the way organizations approach data privacy. Critical requirements of GDPR demand that organizations, whether they are the controller or processor of data, implement appropriate technical and organizational measures to:

- Ensure the ongoing confidentiality, integrity, availability, and resilience of processing systems and services
- Restore the availability and access to personal data in a timely manner in the event of a physical or technical incident
- Demonstrate processes for regularly testing, assessing, and evaluating the effectiveness of these measures for ensuring the security of the processing

## BUSINESS CHALLENGE

Digital business has led to a more complex enterprise IT infrastructure that includes physical, virtual, and cloud infrastructure encompassing mobile, distributed, and mainframe computing resources. To address the requirements of GDPR, IT needs the capabilities to manage the visibility, integrity, security, and recovery of personal data across their on-premises, private cloud, and multiple public cloud environments.

## BMC SOLUTIONS

BMC solutions can help IT ensure the integrity of their data, its security, and its recoverability in a timely manner with the proof that GDPR requires across a wide variety of infrastructure, including servers, virtual infrastructure, multiple public and private clouds, and the mainframe.



BMC was the world's first enterprise IT management provider to secure EU accreditation for its Data Privacy Binding Corporate Rules (BCRs) as both a controller and a processor of personal data. This early accreditation in 2015 is a demonstration of BMC's early vision and long-standing commitment to data protection which is being further deepened with the EU General Data Protection Regulation.

## KEY BENEFITS

- **Visibility**
  - Fast, accurate, and secure asset visibility
  - Automated mapping of multi-cloud asset dependencies
  - Ability to model services that have GDPR exposure
  - Increased visibility into data workflows
- **Data Integrity**
  - Simplified maintenance of Db2® large objects (LOBs) while reducing data integrity risk
  - Increased compliance with successful file transfers that help ensure data integrity
- **Security**
  - Reduced risk of failed audits and compliance/policy violations
  - Accelerated ability to execute to plans while creating traceability and tracking
  - Prioritized and automated remediation of threats
  - Simplified, less costly, and up-to-date compliance
- **Recovery**
  - Timely recovery of data
  - Estimates of recovery times for sets of objects
  - Easily repeatable process that allows you to prove GDPR compliance

## SOLUTION DETAILS

### Visibility

To meet the needs of GDPR, IT needs the tools to know with confidence where sensitive customer data resides. BMC offers the most comprehensive discovery solution in the industry that provides automated mapping of compute, storage, network, and software regardless of where it resides - which can then be consolidated into one single source of reference with BMC CMDB. SecOps Response Service, along with BMC Discovery, helps organizations identify security blind spots and make adjustments to reduce the attack surface, while Control-M increases visibility into data workflows.

- BMC Discovery
- SecOps Response Service
- Control-M

### Data Integrity

GDPR mandates that you have a provable process in place to ensure data integrity. With the explosion of new applications saving unstructured data as Db2 large objects (LOBs), the risks of data corruption have increased. BMC LOBMaster simplifies data management for Db2 LOBs by consolidating all of the required processes into a single, efficient high-speed solution. Additionally, enterprise operations are highly dependent on file transfers between different applications and systems. Control-M Managed File Transfer securely automates enterprise file transfers, maintains data integrity, and provides a single view of all activity. Control-M has a built-in archiving and reporting facility that simplifies audit and compliance processing with advanced data archiving and reporting on data processing activities.

- LOBMaster for Db2\*
- Control-M Managed File Transfer
- Control-M Workload Archiving

### Security

Today's complex infrastructure environments can introduce higher security risks due to the expanded attack surface. Relative to GDPR requirements, current tools and processes leave most organizations 'out of compliance' and hard pressed to prove that they are 'state of the art' or working to include 'privacy by design.' BMC provides the only security and compliance solution to deliver the ability to automatically link vulnerabilities to identified patches and create an attack plan to deploy countermeasures on demand. Furthermore, BMC solutions bring security and compliance into multi-cloud environments and the development process to assess and maintain security and compliance within the software development lifecycle.

- SecOps Response Service
- SecOps Policy Service
- BladeLogic Automation Suite

### Recovery

Old tools for recovery cannot keep up with today's environment of massive data volumes, rapid transaction rates, and increased complexity. Current approaches along with limited staffing and resources means that many organizations are not able to support the GDPR mandates for recovery, proof of recoverability, and estimations of the time that recovery will take. BMC is the only vendor with a complete mainframe backup and recovery solution that can estimate, simulate, and prove your recovery in a timely manner to ensure GDPR compliance.

- Recovery for Db2\*
- Recovery for IMS\*



### FOR MORE INFORMATION

To learn more about BMC's solutions to help address the challenges of GDPR, visit [bmc.com/it-solutions/gdpr-compliance](https://bmc.com/it-solutions/gdpr-compliance)

BMC is a global leader in innovative software solutions that enable businesses to transform into digital enterprises for the ultimate competitive advantage. Our Digital Enterprise Management solutions are designed to fast track digital business from mainframe to mobile to cloud and beyond.

**BMC digital IT transforms 82 percent of the Fortune 500.**



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