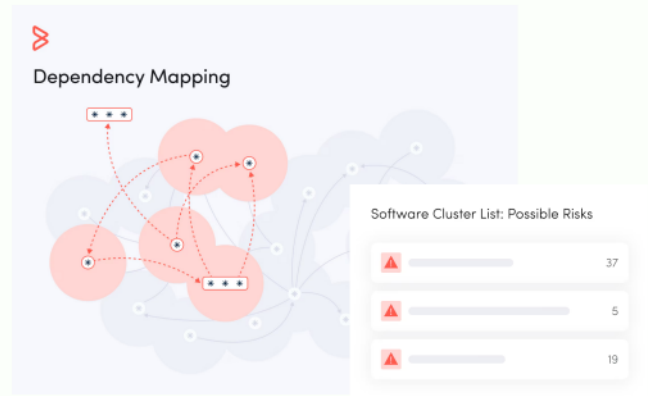


BMC HELIX DISCOVERY

Identification of your assets and their relationships within minutes with 100% accuracy.

PRODUCT DESCRIPTION

BMC Helix Discovery is a cloud-based solution for identifying and mapping hardware, software, and service assets, along with their relationships across various environments. With each scan, the system analyzes dependencies between software, hardware, hyper-converged infrastructure components, and cloud services, providing contextual insights that enable the creation of an application map based on any initial information about it.



BUSINESS CHALLENGES

The transition from on-premises data centers to multi-cloud environments involves adopting new methods for delivering cloud applications to drive business expansion. These environments, combining private and public clouds, often have limited or non-standard communication mechanisms and may require integration with traditional infrastructure and applications. Without accurate insights into the specifics of cloud application implementations, companies struggle to successfully execute digital transformation projects.

BMC SOLUTION

BMC Helix Discovery automates resource discovery and dependency mapping, providing precise information on managing hardware, software, and services across multi-cloud and on-premises environments. The solution creates highly accurate application maps, offering critical insights needed for digital transformation projects, enhancing cost transparency, and strengthening security.

FEATURES

BMC Helix Discovery automates resource discovery and dependency mapping.



Application Mapping

Builds application maps starting from any initial information about the application.



Long-Term Updates

Provides monthly content updates for over 15 years.



Openness and Security

Offers a single, reliable source of information regardless of the solutions you use.



Comprehensive Resource Recognition

Detects and identifies all components of your IT infrastructure without exception.



Discovery-as-Code

Framework and REST API for integrating Helix Discovery into continuous integration and development pipelines.

BENEFITS



According to research, the return on investment (ROI) in Discovery is 470%, with a payback period of just 8 months.



BMC Helix Discovery offers a wide range of ready-to-use templates, enabling instant discovery of computing resources, storage, network components, and software. Moreover, the solution is now cloud-based.



With Discovery, SecOps specialists can detect and prevent security breaches, such as identifying servers that could serve as backdoors, quickly recognizing applications affected by an attack, and conducting checks for vulnerable OpenSSL implementations.

OPERATING PRINCIPLE

Agentless, lightweight, and scalable: BMC Helix Discovery is delivered as a ready-to-use cloud application. All credentials and firewall rules are stored in the client's local environment and remain fully under their control. Deployment is rapid, and maintenance requires minimal effort.

Security: BMC Helix Discovery is a tightly controlled system that requires only the most essential service programs to be installed. The system's virtual appliance is highly secure, meeting NIST STIG requirements and supporting encryption standards in compliance with FIPS 140-2. The application offers a high level of detail in configuring access privileges, encryption, and depth of analysis during resource discovery.

Integration with Configuration Management Database (CMDB): Helix Discovery seamlessly integrates with BMC Helix CMDB, ensuring continuous data synchronization. Additionally, the solution integrates with web services and databases, enabling synchronization with other CMDB tools.

Reference Library: BMC Helix Discovery provides information on the support lifecycles of popular operating systems, hardware, and software, enabling timely modernization planning. The solution also enhances security by identifying vulnerabilities through the correlation of Common Platform Enumeration (CPE) data with the National Vulnerability Database.

Containers and Converged Infrastructure: The system identifies the dependencies of containers and their orchestration tools within IaaS, hyper-converged infrastructure, and traditional computing environments. It enables precise cost assessment for container usage and provides comprehensive information about the services involved.

Helix Discovery for Storage: This package enables the inclusion of virtual, physical, and distributed storage from thirty different vendors into ITSM processes. It allows storage system administrators to reallocate their efforts to more critical tasks within their areas of responsibility.

Multi-Cloud Capabilities: The solution enables the mapping of resources and their dependencies across data center environments, public clouds, and private clouds within a single interface. All necessary analysis is performed in compatibility mode with cloud services using APIs and protocols that do not require agent-based programs.