

# ADDRESSING COMPLEXITY, RISK, AND COSTS WITH BMC HELIX CONTINUOUS OPTIMIZATION



In the ever-evolving landscape of IT technology, amid the swift migration to cloud and containerized environments, organizations are striving to harness the benefits of scalability and flexibility while confronting the complexities of resource management and optimization, risks to service assurance, and cost containment. The solution lies in finding the delicate balance between ensuring impeccable service delivery and maximizing resource efficiency.

Cloud migration has ushered in a new era of possibilities, enabling organizations to transcend the limitations of traditional infrastructure. Despite these boundless opportunities, IT teams find themselves caught between the business imperatives of maintaining optimal service levels and making smart financial choices. This dynamic requires the orchestration of resources spanning diverse landscapes from hybrid configurations to fully cloud-based ecosystems and a holistic strategy that marries operational excellence with financial sensibility. BMC Helix Continuous Optimization does just that, orchestrating resources, services, and costs to ensure flawless, efficient, and cost-effective performance.

## Navigating complexity

The shift to the cloud promises numerous benefits, from improved service levels to scalability, right-sizing, and cost savings. However, the journey isn't without its share of challenges. Cloud adoption often introduces complexities tied to resource allocation, management across hybrid environments,

and the ability to align resource provisioning with actual service demands, which leaves IT professionals ask questions such as:

- How can we ensure optimal service performance and availability in the cloud without incurring excessive costs through overprovisioning?
- How can we efficiently allocate resources across diverse deployment models, now and in the future?
- What strategies can we employ to predict future resource needs and ensure our cloud services are equipped to handle evolving business demands?

To address these challenges, BMC Helix Continuous Optimization goes beyond standard resource management, providing an integrated dashboard and a real-time, single pane of glass for all your business services. The solution's whole-world view not only helps you optimize current resource allocation but also uses "what-if" simulation capabilities to proactively anticipate future resource needs. Leveraging data-driven insights derived from historical trends, consumption patterns, and projected growth, it ensures that your cloud resources are precisely aligned with upcoming requirements.

## **Addressing risk with service assurance and optimization**

Instead of relying on traditional resource allocation methods, BMC Helix Continuous Optimization ensures that the allocation of resources is tailored to match the real-time demands of various services, delivering optimal performance levels and eliminating unnecessary wastage, which is crucial for efficient resource management in cloud environments.

## **Controlling costs with cloud-powered insights**

Amid the dynamic and often unpredictable nature of cloud resource consumption, it's essential to bridge the gap between resource allocation and service excellence to better control costs. BMC Helix Continuous Optimization comprehensively monitors and intricately analyzes trends in cloud resource consumption, drawing correlations with essential business KPIs to generate insights that are actionable.

The solution leverages that wealth of data alongside historical analysis and predictive modeling to understand how resource consumption patterns align with critical business key performance indicators (KPIs). From there, it's able to make informed recommendations for allocation and rightsizing that mitigate the risk of overprovisioning while addressing wastage and surplus expenditures—and controlling costs.

## **Forecasting with confidence**

BMC Helix Continuous Optimization's forecasting capabilities empower organizations to proactively anticipate future resource requirements and allocate cloud resources well ahead of actual demand. The result is a seamless cloud operational landscape that remains resilient even in the face of change, ensuring uninterrupted services and consistent performance.

# Orchestrating cloud excellence

BMC Helix Continuous Optimization offers a comprehensive approach that continuously monitors your business services' resource utilization by analyzing trends, modeling demand, and correlating business KPIs to help manage complexity by right-sizing resources, managing risk, and meeting service levels without overspending.

Learn how BMC Helix Continuous Optimization can help you manage your cloud resources efficiently and deliver essential visibility and forecasting capabilities to stay ahead in the dynamic cloud landscape at [bmc.com/optimize](https://bmc.com/optimize).

Try our [self-guided demo](#), where you'll discover the tools that enable better resource planning for today and tomorrow. Compare costs and resource requirements with our [free Cloud Simulator tool](#).

Experience some of the forecasting capabilities of BMC Helix Continuous Optimization with the free [Forecasting as a Service Tool \(FaaSST!\)](#).